On The Lake Developments Inc.

NOISE IMPACT STUDY

Proposed Mixed-Use Development

1544 & 1546 Four Mile Creek Road

Town of Niagara-on-the-Lake

December 2025

25253

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

December 18, 2025

Reference Number: 25253 - 1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake (Noise)

On The Lake Developments Inc.
976 Four Mile Creek Road,
Niagara-on-the-Lake, ON L0S 1J0
Attn: Stephen Aghaei, Associate
Email: stephen@timegroup.ca

RE: Noise Impact Study
Proposed Residential and Commercial Development
1544 & 1546 Four Mile Creek Road, Town of Niagara-on-the-Lake

Dear Mr. Aghaei:

LEA Consulting Ltd. is pleased to present the findings of this Noise Impact Study (NIS) for the proposed residential and commercial development located at the municipal address 1544 & 1546 Four Mile Creek Road, in the Town of Niagara-on-the-Lake.

The report concludes that no noise mitigation measures are recommended or need to be implemented for the subject site.

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

Yours truly,

LEA CONSULTING LTD.

LICENSED PROFESSIONAL ENGINEER
2025.12.18
D. E. ADARVE VILLANUEVA
100227784
PROVINCE OF ONTARIO

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

Ian Dinsmore
Noise and Vibration Technologist

Encl.

Revision History

Rev. No.	Description	Author	Reviewed By	Date
1	Draft Report	Ian Dinsmore	Daniel Eduardo Adarve Villanueva	October 23, 2025
2	Final Report	Ian Dinsmore	Daniel Eduardo Adarve Villanueva	December 10, 2025

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SUMMARY

LEA Consulting Ltd. (LEA) has been retained by On The Lake Developments Inc. to prepare a Noise Impact Study (NIS) in support of the proposed residential, commercial and office development located at 1544 & 1546 Four Mile Creek Road in the Town of Niagara-on-the-Lake. This study examined the future noise environment in the development area and evaluated its impact potential on future noise-sensitive receptors. Transportation noise assessment was accomplished based on the Ontario Road Noise Analysis Method for Environment and Transportation (ORNAMENT) using the Ontario Ministry of the Environment, Conservation and Parks (MECP) STAMSON noise prediction software. The stationary sound level predictions were modelled using the computer software Cadna/A, which incorporates the MECP-approved ISO 9613-2 method of prediction. Based on the analysis, the noise impact from the environment on the proposed development is within the applicable MECP limits. Mitigative measures are not required to meet the MECP limits.

Transportation Noise Sources – Outdoor:

- No mitigation measures are required for OLA points of reception affected by road noise sources.

Transportation Noise Sources – Indoor:

- OBC-compliant exterior window and wall construction are sufficient for the mixed-use development on all façades of the proposed residential and commercial/office buildings;
- The office units on the northerly, easterly and southerly façades of the proposed development must be provided with forced-air heating with the provision for future air-conditioning and should include Warning Clause Type 'C' in its Agreements of Purchase/Sale or Lease/Rental agreements. However, it is anticipated that the development will provide a central air conditioning system; thus, the forced-air heating with the provision for future air-conditioning is expected to be met; and
- 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.

Stationary Noise Sources:

- No mitigation measures are required for points of reception affected by stationary noise sources; and
- No mitigation measures are required for points of reception affected by the emergency generator.

1 INTRODUCTION

LEA Consulting Ltd. (LEA) has been retained by On The Lake Developments Inc. to prepare a Noise Impact Study (NIS) in support of the proposed residential, commercial and office development located at 1544 & 1546 Four Mile Creek Road in the Town of Niagara-on-the-Lake.

The proposed development has an approximate total Gross Floor Area (GFA) of 14,418 m^2 and is currently occupied by two (2) single-detached dwellings. The proposed development consists of a five (5) storey residential building with a GFA of 6,433 m^2, a two (2) storey commercial/office building with a GFA of 7,985 m^2, and surface-level parking spaces, which include one (1) level of below-grade parking.

The subject site is located on the western side of Four Mile Creek Road, north of Line 2 Road. The surrounding land is mixed-use, including residential buildings to the south and east, commercial buildings and sports facilities to the north, and commercial, industrial, and residential buildings to the west.

This study examined the existing and future noise environment in the development area and evaluated its potential impact on future noise-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 Town of Niagara-on-the-Lake. This noise report is based on the methodology and approach outlined in the MECP guideline NPC-300 *"Stationary and Transportation Sources – Approval and Planning"* (August 2013).

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

This report is based on the site plan prepared by Icke Brochu Architects Inc., dated December 5th, 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 Four Mile Creek Road and Niagara Stone Road are the dominant sources of transportation noise that could impact the subject site. Due to the low vehicular traffic on Line 2 Road, it was deemed acoustically insignificant and will no longer be included in this study.

2.1.2 Rail Sources

This development is not impacted by rail noise sources.

2.1.3 Air Traffic

The development is not impacted by aircraft noise sources.

2.2 STATIONARY NOISE SOURCES

As indicated in the client-provided architectural plans, the Heating, Ventilation, and Air Conditioning (HVAC) Rooftop Units (RTUs) systems related to the proposed development will not all be contained inside a

mechanical penthouse. Twelve (12) HVAC units and one (1) emergency generator will sit on the rooftop, surrounded by a two (2) metre high barrier. Thus, the subject site will include stationary noise sources that could impact the nearby noise-sensitive areas or itself.

Our preliminary review indicated that the site may be impacted by noise generated from the rooftop Heating, Ventilation, and Air Conditioning (HVAC) units related to the existing buildings surrounding the subject site. In addition, the site may be impacted by the Nigara-on-the-Lake Municipal Works Yard operations of the front loader and dump trucks. These have been identified as the dominant potential sources of stationary noise that could impact the noise-sensitive areas of the proposed development. Accordingly, a stationary noise assessment was also conducted.

It is also noted that Whirlpool Jet Boat Tours (7 Henegan Road) is a commercial site located approximately a hundred and fifty (150) metres west of the Subject Site that may have operations that could affect the proposed development. Given the type of onsite business operations and infrequent activity, its potential impact on the assessed receptors can be considered acoustically negligible and does not warrant a further detailed noise assessment. The remaining facilities to the west of the Subject Site are also commercial and industrial sites, and additional noise modelling details will also be excluded from the noise assessment due to acoustically low, infrequent activity. However, the study identified and included HVAC RTUs located on these commercial and industrial facilities.

3 NOISE CRITERIA

3.1 TRANSPORTATION NOISE

3.1.1 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 $L_{eq\text{-}16hr}$ and $L_{eq\text{-}8hr}$ of 45 dBA, respectively. The indoor sound level limit due to road traffic for a bedroom during the daytime is a $L_{eq\text{-}16hr}$ of 45 dBA and during the nighttime hours is an $L_{eq\text{-}8hr}$ of 40 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
Living/Dining, Den Areas of Residences	07:00 – 23:00	$L_{eq\ (16\ hours)}$: 45 dBA
	23:00 – 07:00	$L_{eq\ (8\ hours)}$: 45 dBA
Sleeping quarters	07:00 – 23:00	$L_{eq\ (16\ hours)}$: 45 dBA
	23:00 – 07:00	$L_{eq\ (8\ hours)}$: 40 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 dBA	None	None
50 ≤60 dBA	Forced air heating with provisions for the installation of central air conditioning	Recommended
> 60 dBA	Central air conditioning	Required

3.1.2 Outdoors

Guidelines set out by the MECP recommend that equivalent noise levels (i.e., $L_{eq\text{-}16hr}$) in outdoor living areas should not exceed 55 dBA. If the predicted $L_{eq\text{-}16hr}$ 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	$L_{eq\ (16\ hours)}$: 55 dBA (may consider noise control measures) $L_{eq\ (16\ hours)}$: 60 dBA (noise control measures are required)	

3.2 STATIONARY NOISE

The noise assessment criteria for stationary noise are based on the Ministry of the Environment, Conservation and Parks (MECP) Publication NPC-300 *"Environmental Noise Guideline, Stationary and Transportation Sources - Approval and Planning"* dated 2013.

In accordance with the MECP Guideline NPC-300, the surrounding area is considered to be located in a Class 2 acoustical environment. In a Class 2 area, the background sound levels during the daytime (07:00 to 19:00) periods are dominated by the activities of people; usually, road traffic often referred to as *"urban hum"*. However, the background sound levels in a Class 2 area during the evening (19:00 to 23:00) and nighttime (23:00 to 07:00) hours are defined by the natural environment and infrequent human activities. The sound level limits for stationary noise sources are summarised in **Table 4** below.

Table 4: MECP Sound Level Limits (1-hour Equivalent) for Stationary Noise Sources in Class 2 Area

Time Period	Time of Day	Class 2 Area - Sound Level Limits[1] $L_{eq\text{-}1hr}$ (dBA)
Outdoor Points of Reception	07:00 – 19:00 (Daytime)	50
	19:00 – 23:00 (Evening)	45

Time Period	Time of Day	Class 2 Area - Sound Level Limits[1] L_{eq-1hr} (dBA)
Plane of Window of Noise Sensitive Spaces	07:00 – 19:00 (Daytime)	50
	19:00 – 23:00 (Evening)	50
	23:00-07:00 (Nighttime)	45

(1) or the minimum existing hourly background level L_{eq}, whichever is higher

The MECP sound level limit is determined by the exclusion limit listed above in **Table 4** or the minimum hourly equivalent background sound level, whichever is higher.

4 NOISE IMPACT ASSESSMENT

4.1 TRANSPORTATION NOISE ASSESSMENT

As noted in **Section 2.1.1**, the study area's dominant transportation traffic noise source is traffic noise generated by Niagara Stone Road and Four Mile Creek Road. Niagara Stone Road is located to the north of the subject site with a posted speed limit of 50 km/h. Four Mile Creek Road is located to the east of the subject site with a posted speed limit of 50 km/h to the north of Line 2 Road and 60 km/h to the south of Line 2 Road.

Noise level calculations were performed in accordance with the methodology outlined in MECP guidelines, including the Ontario Road Noise Analysis Method for Environment and Transportation (ORNAMENT).

4.1.1 Road Traffic Data

LEA personnel collected traffic data related to Niagara Stone Road and Four Mile Creek Road on Tuesday, December 17, 2024. Traffic data was also collected at Four Mile Creek Road, Arena Road, Four Mile Creek Road and Line 2 Road. The highest traffic volumes at Niagara Stone Road and Four Mile Creek Road were used in the analysis. As requested by the Township, this data was escalated to the year 2044, a twenty (20) year horizon for regional roads, with a yearly growth rate of 2%.

The medium/heavy truck percentages were calculated using turning movement counts dated December 17, 2024, for the Niagara Stone Road and Four Mile Creek Road intersection during the weekday AM and PM peak periods, respectively. All buses were considered to be medium trucks, while the heavy/medium truck split within the *"trucks"* classification was determined based on the *"Ministry of Transportation Ontario (MTO) Environmental Guide for Noise"*, dated February 2022. The day/night traffic volume splits were assumed to be ninety (90) per cent in the day and ten (10) per cent at night. All roadways were modelled as one (1) segment for the purpose of STAMSON transportation analysis. 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
Niagara Stone Road	15,677	90/10[1]	0.33%	0.52%	50 km/h
Four Mile Creek Road	7,563	90/10[1]	0.96%	1.53%	50 & 60 km/h

(1) Assumed

4.1.2 Transportation Noise Predictions

Noise impact assessments on the proposed development were performed with consideration of the predicted future volume of traffic. Daytime and nighttime impacts from transportation noise were investigated. Distance adjustment corrections were applied wherever applicable.

As noted in **Section 1**, the proposed development consists of a four (4) storey residential building with one (1) level of below-grade parking spaces and a two (2) storey commercial/office building. The latest site plan identified three (3) areas that can be considered an Outdoor Living Area (OLA) that may be negatively impacted by road traffic. The residential patio is located between the commercial and residential building near the parking lot, the rooftop pool and the 3rd and 4th floor balconies on the west façade of the residential building, which are greater than four (4) metres in depth. Therefore, OLA receptors were considered for the proposed development.

It should be noted that a balcony/terrace that is less than four (4) meters in depth and commercial use patios are not considered an OLA in accordance with the MECP NPC-300 noise guidelines. It is also noted that there is a playground located at-grade to the north of the residential development, however, the play area will be used for gymnasium activities and not for the quiet enjoyment of the outdoors. Therefore, an OLA receptor was not included for the playground. The locations of the façade receptors are shown in **Figure 2**.

Table 6 shows the unattenuated daytime and nighttime predicted L_{eq}'s due to road traffic at the noise-sensitive receptors within the proposed development. Nighttime L_{eq}'s are only required for sleeping quarters; therefore, the commercial and office receptors do not include nighttime noise level values. Receptors near Line 2 Road were modelled with two (2) segments for Four Mile Creek Road due to the change in posted speed on Four Mile Creek Road to the south of Line 2 Road. Façade receptors are labelled as R01 to R10 in **Figure 2**. Detailed sound-level calculations are provided in **Appendix C**.

Table 6: Predicted (Unattenuated) Transportation Sound Levels (Plane of Window)

Receptor	Receptor Height (m)	Description	Source	Distance (m)	Overall L_{eq} (dBA) Day	Overall L_{eq} (dBA) Night
R01	13.05[1]	Residential Building North Façade	Niagara Stone Road	280	55	49
			Four Mile Creek Road	51		
R02	13.05[1]	Residential Building West Façade North Corner	Niagara Stone Road	284	48	41
R03	13.05[1]	Residential Building South Façade	Four Mile Creek Road	72	52	44
			Four Mile Creek Road (60km/h)	123		
R04	7.00[2]	Office Building North Façade East Corner	Niagara Stone Road	280	60	-
			Four Mile Creek Road	15		
R05	7.00[2]	Office Building West Façade	Four Mile Creek Road	25	54	-
			Four Mile Creek Road (60km/h)	73		
R06	7.00[2]	Office Building South Façade	Four Mile Creek Road	14	60	-
			Four Mile Creek Road (60km/h)	68		

Receptor	Receptor Height (m)	Description	Source	Distance (m)	Overall L_{eq} (dBA) Day	Overall L_{eq} (dBA) Night
R07	7.00[2]	Office Building East North Corner Façade	Niagara Stone Road	304	63	-
			Four Mile Creek Road	12		
			Four Mile Creek Road (60km/h)	144		
R08	7.00[2]	Office Building East Façade South Corner	Niagara Stone Road	385	63	-
			Four Mile Creek Road	11		
			Four Mile Creek Road (60km/h)	76		
R09	7.00[2]	Office Building North Façade West Corner	Niagara Stone Road	281	56	-
			Four Mile Creek Road	29		
R10	13.05[1]	Residential Building West Façade South Corner	Niagara Stone Road	350	47	41
OLA01	13.05[1]	Residential Building 4th Floor West Balcony	Niagara Stone Road	286	47	-
OLA02	1.5	At-Grade Residential Patio	Niagara Stone Road	320	51	-
			Four Mile Creek Road	44		
			Four Mile Creek Road (60km/h)	83		
OLA03	17.65[3]	Rooftop Pool	Niagara Stone Road	320	48	-
			Four Mile Creek Road	44		

(1) Based on the residential building Level 4 elevation of 11.55 metres plus receptor height of 1.5 metres.
(2) Based on the office building level 2 elevation of 5.5 metres plus receptor height of 1.5 metres.
(3) Based on the Residential building rooftop elevation of 16.15 metres plus receptor height of 1.5 metres.

4.2 STATIONARY NOISE ASSESSMENT

The stationary noise assessment is based on the ISO 9613-2 standard: *"Acoustics-Attenuation of sound during propagation outdoors – Part 2: General method of calculation"* (1996). Sound levels due to sources of stationary sound were calculated using the Cadna/A computer software, Version 2020.

4.2.1 Environment to Subject Site (External Noise Sources)

Based on our review of aerial photography of the area, the noise generated from the rooftop HVAC RTUs related to the existing mixed-use buildings in the proximity of the subject site may have an adverse impact on the noise-sensitive spaces within the site, and a stationary noise assessment is required.

Sound levels were modelled for the worst-case daytime and nighttime hour at the noise-sensitive receptors wherever noise exposure was considered maximum. Locations of the critical noise receptors are shown in **Figure 3**. The details related to the receptor locations and heights used in the assessment are summarised in **Table 7**. The directivity of noise emission for applicable noise sources was considered. Sample calculations are available in **Appendix D**.

Table 7: Receptor Details for Stationary Noise Assessment

Receptor	Description	Receptor Elevation (m)
RP01	Residential Building North Façade	13.05[1]
RP02	Residential Building West Façade	13.05[1]
RP03	Residential Building South Façade	13.05[1]
RP04	Office Building North Façade	7.00[2]
RP05	Office Building West Façade	7.00[2]
RP06	Office Building South Façade	7.00[2]
RP07	Office Building East Façade	7.00[2]
RP08	Residential Building 4th Floor West Balcony	13.15[1]
RP09	At-Grade Residential Patio	1.50
RP10	Rooftop Pool	17.65[3]

(1) Based on the residential building Level 4 elevation of 11.55 metres plus receptor height of 1.5 metres.
(2) Based on the office building level 2 elevation of 5.5 metres plus receptor height of 1.5 metres.
(3) Based on the Residential building rooftop elevation of 16.15 metres plus receptor height of 1.5 metres.

No additional stationary noise sources were identified. Further details regarding the above-noted stationary noise sources are provided below.

4.2.2 Subject Site to Environment (Internal Noise Sources)

As stated before, in **Section 2.2**, the HVAC RTUs systems related to the proposed development will not all be contained inside a mechanical penthouse/room and will sit on the rooftop. Twelve (12) HVAC units and one (1) emergency generator will sit on the rooftop, surrounded by a two (2) metre high barrier. Thus, the subject site will include stationary noise sources that could impact the nearby noise-sensitive areas.

No additional stationary noise sources were identified. Further details regarding the above-noted stationary noise sources are provided below in **Section 4.2.3**.

There are existing residential uses located in each direction of the Subject Site. Locations of the subject area's critical noise receptors are shown in **Figure 4**. The details related to the receptor locations and heights used in the assessment are summarised in **Table 7**.

Table 8: Receptor Details for Stationary Noise Assessment – Subject Area

Receptor	Description	Receptor Elevation (m)
RP11	Existing 1 Storey Residential Dwelling	1.5
RP12	Existing 1 Storey Residential Dwelling	1.5
RP13	Existing 1 Storey Residential Dwelling	1.5
RP14	Potential 4 Storey Mixed-Use Building	1.5

As stated in **Section 3.2**, the surrounding area is considered to be located in a Class 2 acoustical environment. In a Class 2 area, the background sound levels during the daytime (07:00 to 19:00) periods are dominated by the activities of people; usually, road traffic often referred to as *"urban hum"*. However, the background sound levels in a Class 2 area during the evening (19:00 to 23:00) and nighttime (23:00 to 07:00) hours are defined

by the natural environment and infrequent human activities.

The MECP exclusion limits for each receptor are summarised in **Table 9** below:

Table 9: Summary of Sound Level Exclusion Limits

Receptor	Daytime (07:00-23:00)	Nighttime (23:00-07:00)
RP01 to RP14	50 dBA	45 dBA

The MECP sound level limit is determined by the exclusion limit listed above or the minimum hourly equivalent background sound level, whichever is higher.

4.2.3 Stationary Noise Data

As mentioned in **Section 2.2** of this report, the impact of RTUs mounted on the rooftop of the existing buildings in proximity to the subject site, as well as the HVAC RTUs and emergency generator that will sit on top of the rooftop within the subject site were investigated.

Through the provided mechanical plans, LEA was able to acquire the exact model number for the proposed development RTUs and emergency generator. Reference sound power data related to the HVACs mounted on the rooftop of the subject site were obtained from the manufacturer.

Reference sound power data related to the HVAC mounted on the rooftop of the existing buildings surrounding the subject site were obtained from the manufacturer. As LEA was unable to obtain the exact model number of the existing RTUs, the RTU reference data was conservatively selected based on the RTUs with the largest tonnage, given the number of observed fans. For example, an RTU with three (3) fans and a medium footprint was observed in the existing residential building to the east of the proposed development, and one of the smaller RTUs with three (3) fans for a building with that GFA is thirty (30) tons. Thus, a thirty (30) ton RTU was selected to model sound levels at the existing residential building. For the purposes of the noise assessment, conservatively, the duty cycles for all the rooftop mechanical equipment, including HVAC RTUs related to the surrounding buildings, were assumed to be a hundred (100) per cent during daytime hours (07:00-19:00) and evening hours (19:00-23:00) and fifty (50) per cent during the nighttime hours (23:00-07:00). The sound data inputs utilised for this noise modelling assessment are shown in **Table 10**.

Table 10: HVAC RTUs Octave Band Sound Power Data

Source ID	Description	Octave Band Linear Sound Power Level (dB)							Overall Sound Power Level (dBA)
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
S09, S12, S16, S17, S22, S23, S29, S30, S38	HVAC RTU 10 Ton	92	88	87	83	79	72	67	88
S05-S08, S10, S11, S15, S18-S21, S26, S27, S31, S32, S34, S35	HVAC RTU 15 Ton	96	93	90	89	84	77	71	93
S14, S24, S25, S28, S36	HVAC RTU 20 Ton	77	81	87	89	86	80	67	92
S13	HVAC RTU 25 Ton	91	89	86	82	79	76	72	88
S01-S04	HVAC RTU 30 Ton	90	88	86	82	80	77	73	88
S33	HVAC RTU 50 Ton	94	92	90	87	84	80	75	92

Source ID	Description	Octave Band Linear Sound Power Level (dB)							Overall Sound Power Level (dBA)
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
S37, S39	Cooling Tower	86	80	83	76	74	73	62	83
S44-S55	Heating/Cooling RTU	79	78	78	77	72	69	62	81
S56	Emergency Generator	72	60	67	55	49	41	38	90

4.2.4 Niagara-on-the-Lake Municipal Truck Yard Activities

As mentioned in **Section 2.2** of this report, the impact of the NOTL Municipal Truck Yard in proximity to the subject site was investigated.

Through communication with NOTL staff, it was determined that trucks operate between 7:00 a.m. to 4:00 p.m. and that trucks will not operate during nighttime hours, outside of an emergency. It was outlined that on a worse-case day, they will have up to twenty-four (24) truck passbys. Based on that information, conservatively, three (3) fifteen (15) ton dump trucks and one (1) five (5) ton dump truck passby were modelled on the truck route to/from the site outlined by NOTL staff. Thus, truck activity noise was modelled using the subsequent volumes:

- Three (3) inbound and outbound fifteen (15) ton dump trucks per hour during the daytime hour at the main yard and loading area; and
- One (1) inbound and outbound five (5) ton dump truck per hour during the daytime hour at the main yard and loading area.

LEA personnel conducted a site visit on September 5th, 2025, to collect sound power data of the typical works within the yard. Truck passbys and the typical work cycle of the loading and unloading of dirt, gravel and large rock with a front loader, a fifteen (15) ton dump truck and a five (5) ton dump truck were measured to get the values show in **Table 11**. The worst-case measurements were used to model each type of aggregate that is typically loaded on-site. Conservatively, it was modelled to have loading activity happen for the entire worst-case hour. Thus, loading activity was modelled using the following parameters:

- One (1) fifteen (15) ton dump truck loading large rock for twenty (20) minutes during the daytime hour at loading area;
- One (1) fifteen (15) ton dump truck loading gravel for twenty (20) minutes during the daytime hour at loading area;
- One (1) fifteen (15) ton dump truck loading dirt for twenty (20) minutes during the daytime hour at loading area; and
- One (1) five (5) ton dump truck loading large rock for twenty (20) minutes during the daytime hour at loading area.

During the site visit, it was noted that there are two (2) ISO containers located on the south side of the yard, which will break line-of-sight between the Subject Site and some of the truck activities within the yard. These ISO containers were measured at the standard size of 2.59 metres and were included in the assessment.

Table 11: Nigara-on-the-Lake Municipal Truck Yard Activities Octave Band Sound Power Data

Source ID	Description	Octave Band Linear Sound Power Level (dB)							Overall Sound Power Level (dBA)
		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
L01, L02	15-Ton Dump Truck Pass-by	103	101	101	98	95	89	81	103
L03, L04	5-Ton Dump Truck Pass-by	92	89	90	90	86	83	72	94
S40	15-Ton Dump Truck Loading/Unloading Dirt	96	93	94	92	88	84	82	103
S41	15-Ton Dump Truck Loading/Unloading Gravel	97	98	100	97	94	91	86	106
S42	15-Ton Dump Truck Loading/Unloading Large Rock	103	100	102	100	98	93	86	109
S43	5-Ton Dump Truck Loading/Unloading Dirt	100	99	99	98	95	88	79	107

4.2.5 Stationary Noise Predictions

Sound levels were modelled for the worst-case daytime and nighttime hour at the noise-sensitive receptors wherever noise exposure was considered maximum. Locations of the critical noise receptors are shown in **Figure 3**. The predicted sound levels at the noise-sensitive receptors due to stationary noise emanating from the environment are summarised in **Table 12.** The directivity of noise emission for applicable noise sources was considered. Sample calculations are available in **Appendix D**.

Table 12: Predicted Stationary Noise Impact Levels

Receptor	Period	Predicted Sound Level ($L_{eq\ 1\ hour}$, dBA)	Sound Level Limit ($L_{eq\ 1\ hour}$, dBA)	Exceeds Sound Level Limit?
RP01	Daytime (07:00-23-00)	48	50	NO
	Nighttime (23:00-07:00)	36	45	NO
RP02	Daytime (07:00-23-00)	34	50	NO
	Nighttime (23:00-07:00)	31	45	NO
RP03	Daytime (07:00-23-00)	32	50	NO
	Nighttime (23:00-07:00)	29	45	NO
RP04	Daytime (07:00-23-00)	50	50	NO
	Nighttime (23:00-07:00)	37	45	NO
RP05	Daytime (07:00-23-00)	32	50	NO
	Nighttime (23:00-07:00)	28	45	NO
RP06	Daytime (07:00-23-00)	33	50	NO
	Nighttime (23:00-07:00)	28	45	NO
RP07	Daytime (07:00-23-00)	50	50	NO
	Nighttime (23:00-07:00)	37	45	NO
RP08	Daytime (07:00-19-00)	39	50	NO
	Evening (19:00-23:00)	37	45	NO

Receptor	Period	Predicted Sound Level ($L_{eq\ 1\ hour}$, dBA)	Sound Level Limit ($L_{eq\ 1\ hour}$, dBA)	Exceeds Sound Level Limit?
RP09	Daytime (07:00-19-00)	34	50	NO
	Evening (19:00-23:00)	32	45	NO
RP10	Daytime (07:00-19-00)	39	50	NO
	Evening (19:00-23:00)	34	45	NO
RP11	Daytime (07:00-19-00)	20	50	NO
	Evening (19:00-23:00)	17	45	NO
RP12	Daytime (07:00-19-00)	20	50	NO
	Evening (19:00-23:00)	17	45	NO
RP13	Daytime (07:00-19-00)	19	50	NO
	Evening (19:00-23:00)	16	45	NO
RP14	Daytime (07:00-19-00)	20	50	NO
	Evening (19:00-23:00)	17	45	NO

Table 13: Predicted Stationary Noise Impact Levels (Emergency Generator)

Receptor	Period	Predicted Sound Level ($L_{eq\ 1\ hour}$, dBA)	Sound Level Limit ($L_{eq\ 1\ hour}$, dBA)	Exceeds Sound Level Limit?
RP11	Daytime (07:00-23:00)	37	55	NO
RP12	Daytime (07:00-23:00)	39	55	NO
RP13	Daytime (07:00-23:00)	38	55	NO
RP14	Daytime (07:00-23:00)	38	55	NO

Figure 3 illustrates the predicted environment to site sound level contours at seven (7) meters in the proximity of the subject site's noise-sensitive receptors for the daytime period. **Figure 4** shows the predicted site to environment sound level contours at 1.5 meters in the proximity of nearby noise-sensitive areas. **Figure 5** shows the predicted emergency generator sound level contours at 1.5 meters in the proximity of nearby noise-sensitive areas. Based on the figures, stationary sound levels are expected to be below the MECP sound level limits. Thus, mitigation measures are not required for stationary noise sources.

5 NOISE ABATEMENT REQUIREMENTS

5.1 INDOOR LIVING AREAS AND AC/VENTILATION REQUIREMENTS

Indoor sound levels have been examined with respect to MECP Guidelines, as summarised in **Section 3.1.1** of this report. The recommendations discussed below should be verified upon the final detailed review of the architectural design of the proposed development.

5.1.1 Building Façade Constructions

According to NPC-300 guideline:

> *"If the nighttime sound level outside the bedroom or living/dining room windows exceeds **60 dBA** or the daytime sound level outside the bedroom or living/dining area windows exceeds **65 dBA**, building components including windows, walls and doors, where applicable, should be designed so that the indoor sound levels comply with the sound level limits."*

Based on the predicted outdoor façade sound levels shown in **Table 6** and the statement above from NPC-300 guideline, window and wall upgrades for all façades are not required to meet the MECP indoor sound level limits shown in **Table 1**.

The exterior window and wall STC values show that the following are required to mitigate road traffic sound levels to the MECP and Town of Niagara-on-the-Lake indoor sound level criteria:

- OBC-compliant exterior window and wall construction are sufficient for the mixed-use development on all façades of the proposed residential and commercial/office buildings.

5.1.2 Ventilation Requirements

Based on the unattenuated noise levels shown in **Table 6** and the ventilation requirements in **Table 2**, the façades do require warning clauses for future occupants in their Agreements of Purchase/Sale.

- The office units on the northerly, easterly and southerly façades of the proposed development must be provided with forced-air heating with the provision for future air-conditioning and should include Warning Clause Type 'C' in its Agreements of Purchase/Sale or Lease/Rental agreements. However, it is anticipated that the development will provide a central air conditioning system; thus, the forced-air heating with the provision for future air-conditioning is expected to be met.

6 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 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 Impact Study.

Based on the analysis, the impact from the environment on the proposed development is within the applicable MECP limits. The following is a summary of our noise analysis:

- No mitigation measures are required for points of reception affected by stationary noise sources;
- No mitigation measures are required for points of reception affected by the emergency generator;
- No mitigation measures are required for OLA points of reception affected by road noise sources;
- OBC-compliant exterior window and wall construction are sufficient for the mixed-use development on all façades of the proposed residential and commercial/office buildings;
- The office units on the northerly, easterly and southerly façades of the proposed development must be provided with forced-air heating with the provision for future air-conditioning and should include Warning Clause Type ‘C’ in its Agreements of Purchase/Sale or Lease/Rental agreements. However, it is anticipated that the development will provide a central air conditioning system; thus, the forced-air heating with the provision for future air-conditioning is expected to be met; and
- 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.

7 WARNING CLAUSES

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

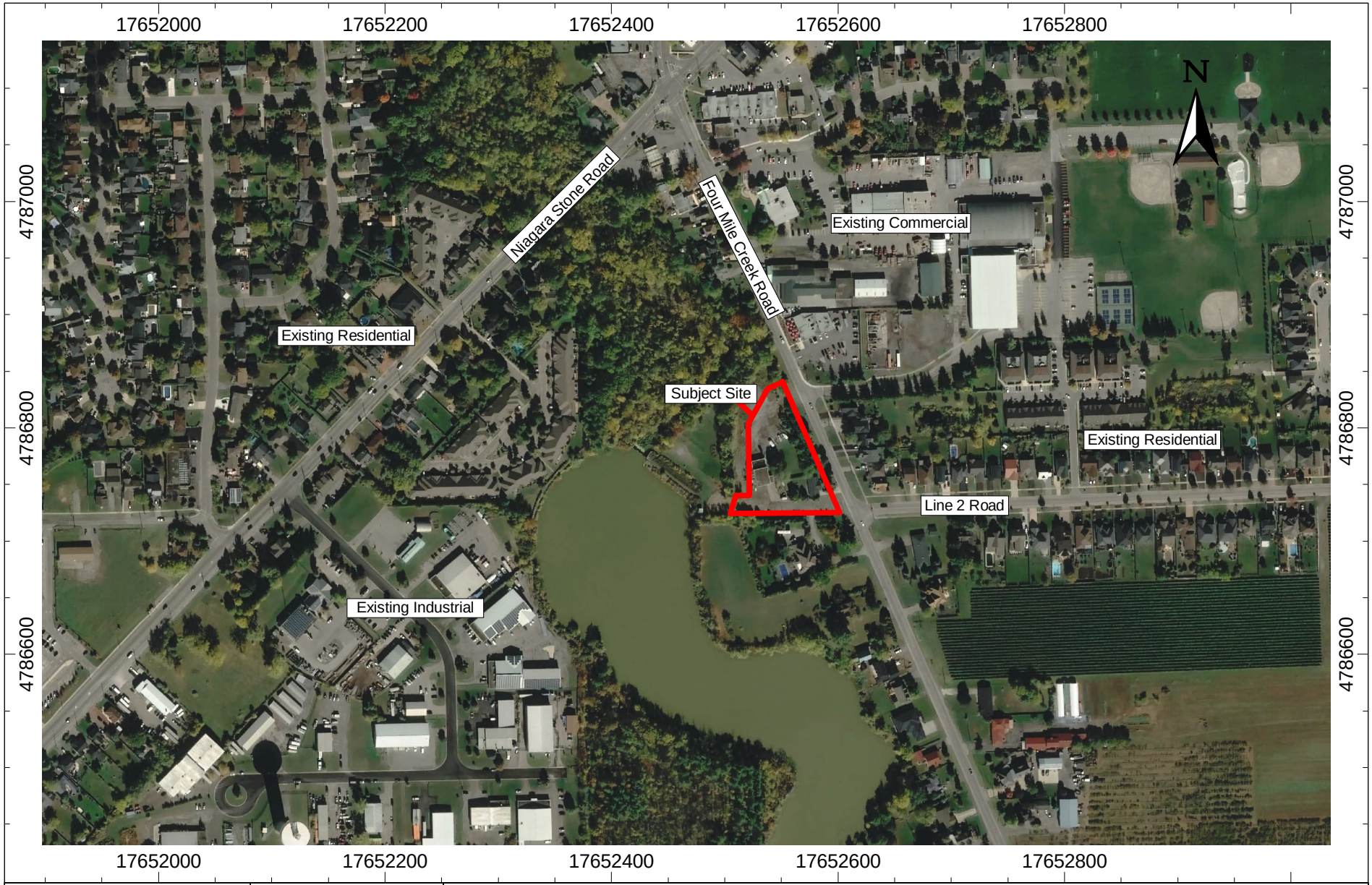
- The office units on the northerly, easterly and southerly façades of the proposed development;

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 Town of Niagara-on-the-Lake and the Ministry of the Environment, Conservation and Parks."

8 REFERENCES

1. ORNAMENT – "Ontario Road Noise Analysis Method for Environmental and Transportation", Ontario Ministry of the Environment, October 1989.
2. International Standard, ISO 9613-2, “Acoustics - Attenuation of Sound During Propagation Outdoors – Part 2: General Method of Calculation”, Dec 1996.
3. "Noise Guideline, Stationary and Transportation Sources – Approval and Planning, Publication NPC-300", Ontario Ministry of the Environment, Aug 2013.



LEA Consulting Ltd.

Project ID: 25253

Scale: NTS
Drawn by: ID
Reviewed by: DEA/JD
Date: Jan 10, 2025
Revision: 1

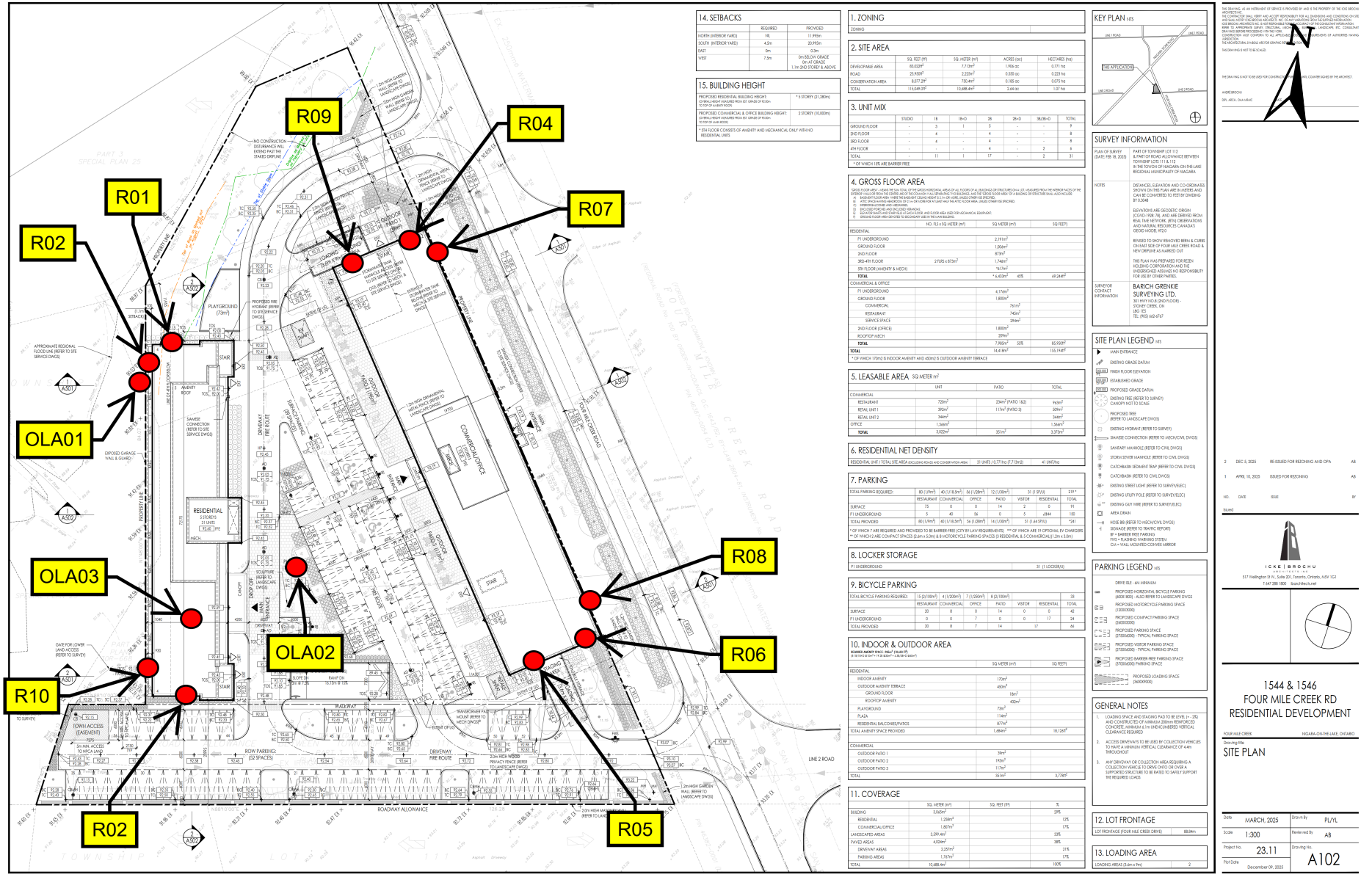
Project Name

1544 & 1546 Four Mile Creek Road, Niagara-on-the-Lake NIS

Figure Title

Key Plan Showing Site Location and Area

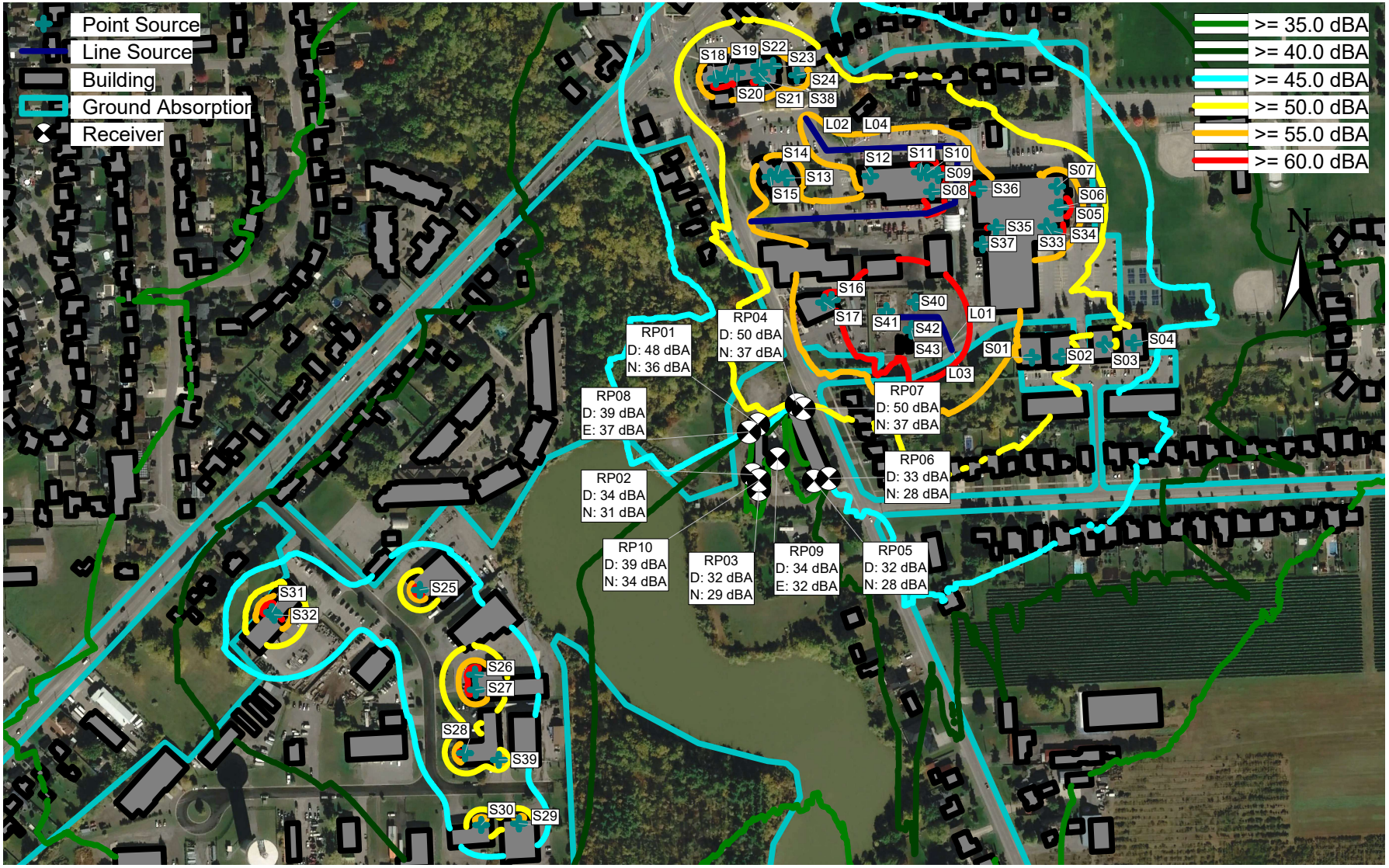
Figure 1



Project ID: 25253	**Project Name** 1544 & 1546 Four Mile Creek Road, Niagara-on-the-Lake NIS
Scale: NTS Drawn by: ID Reviewed by: DEA/JD Date: Dec 10, 2025 Revision: 3	**Figure Title** Transportation Noise Receptor Locations - Site Plan

LEA Consulting Ltd.

Figure 2



LEA Consulting Ltd.

Project ID: 25253

Scale: NTS
Drawn by: ID
Reviewed by: DEA/JD
Date: October 22, 2025
Revision: 2

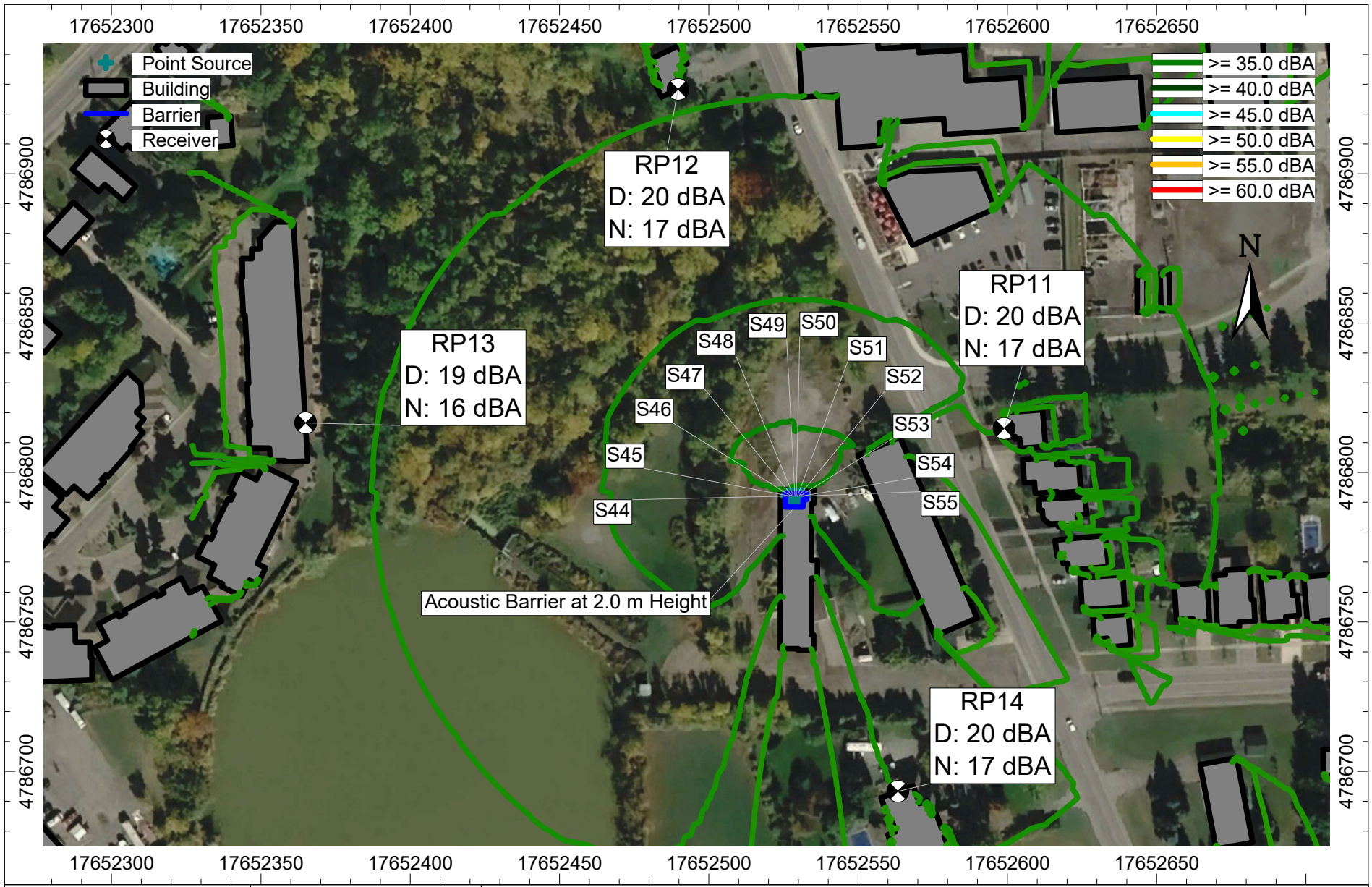
Project Name

1544 & 1546 Four Mile Creek Road, Niagara-on-the-Lake NIS

Figure Title

Receptor Locations and Unmitigated Noise Impact Contours at 7 m height, Daytime (7:00 – 19:00), Environment to Subject Site (External Noise Sources)

Figure 3



LEA Consulting Ltd.

Project ID: 25253

Scale: NTS
Drawn by: ID
Reviewed by: DEA/JD
Date: October 22, 2025
Revision: 2

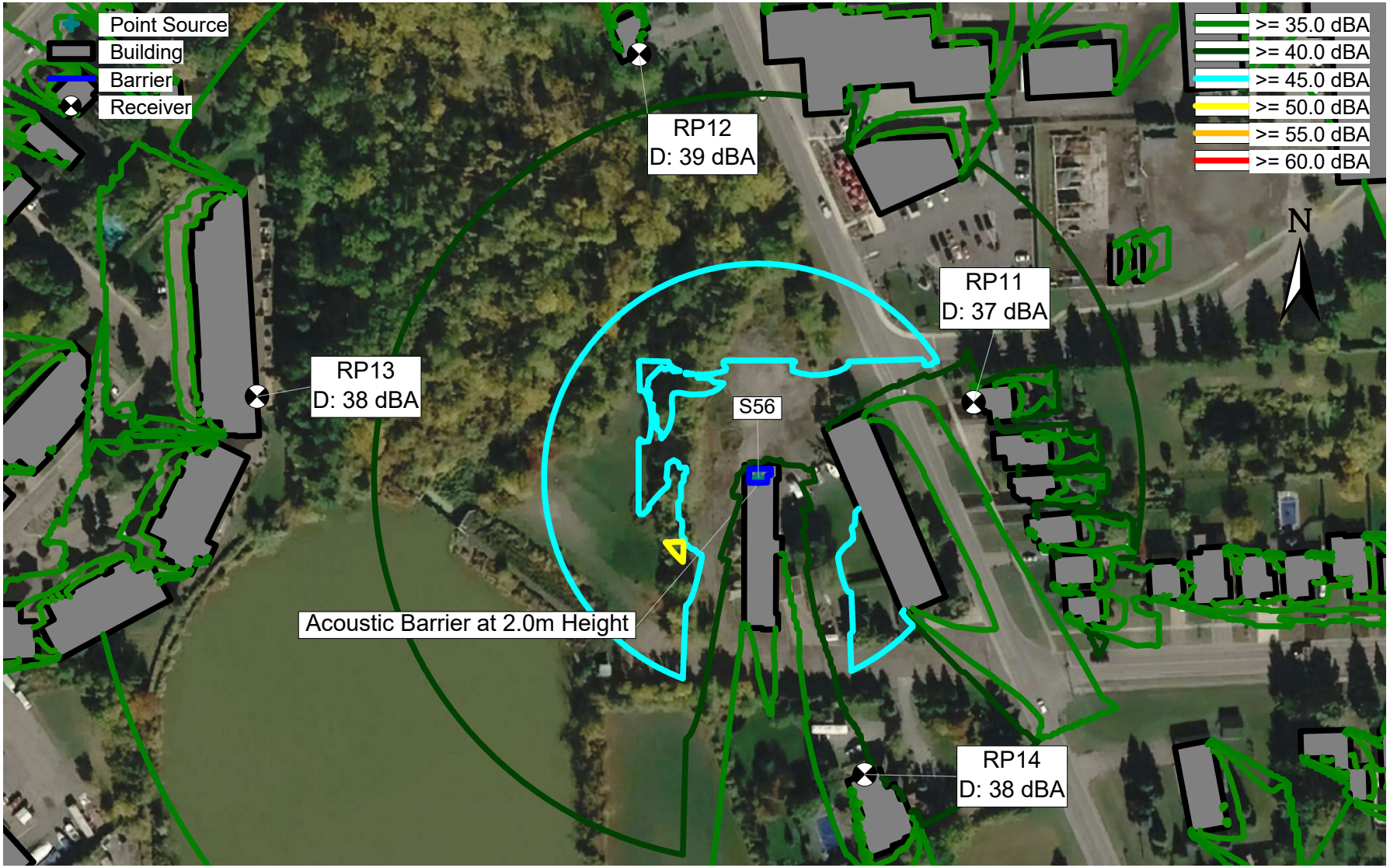
Project Name

1544 & 1546 Four Mile Creek Road, Niagara-on-the-Lake NIS

Figure Title

Receptor Locations and Unmitigated Noise Impact Contours at 1.5 m height, Daytime (7:00 – 19:00), Subject Site to Environment (Internal Noise Sources)

Figure 4



LEA Consulting Ltd.

Project ID: 25253

Scale: NTS
Drawn by: ID
Reviewed by: DEA/JD
Date: October 22, 2025
Revision: 2

Project Name

1544 & 1546 Four Mile Creek Road, Niagara-on-the-Lake NIS

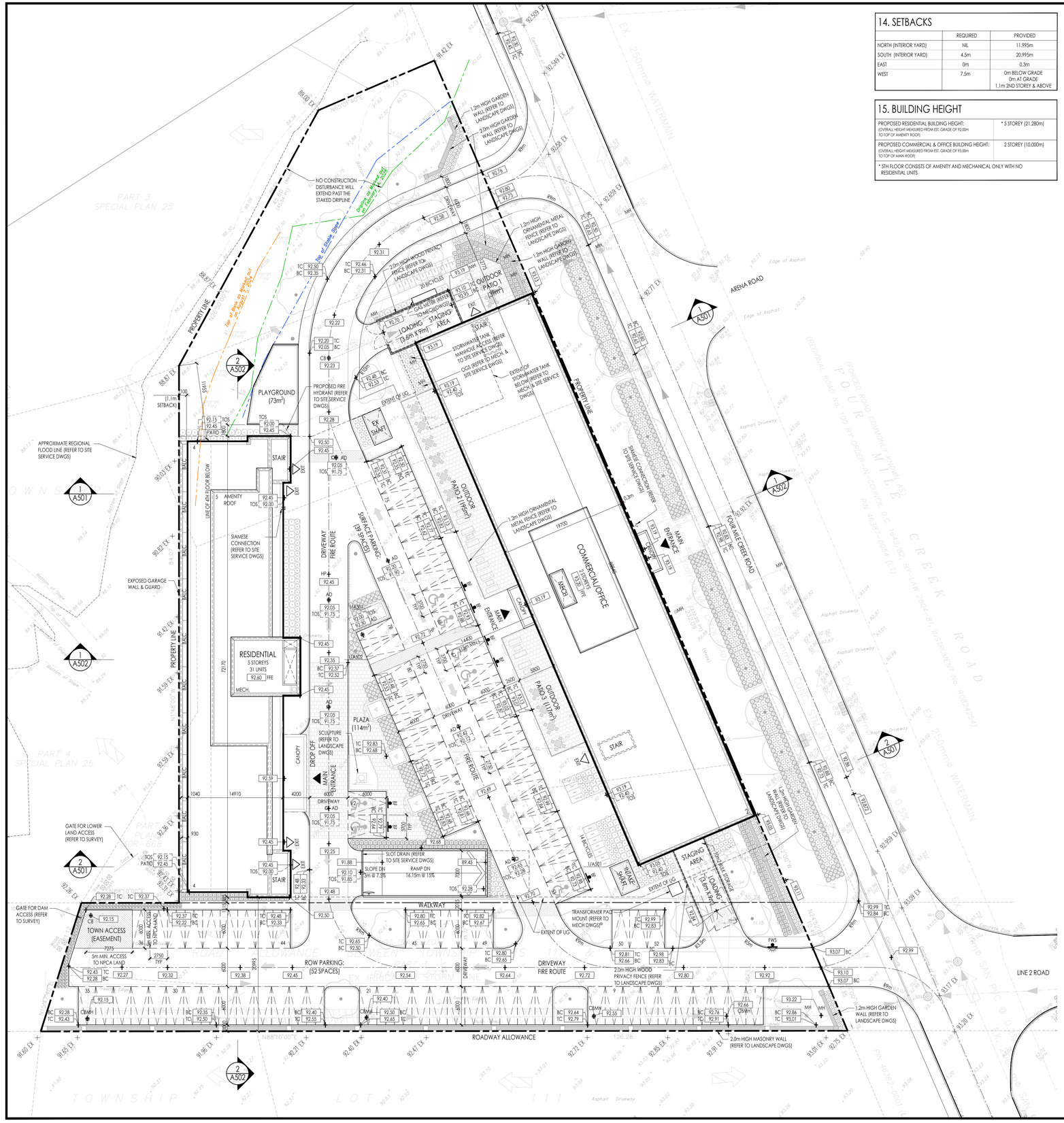
Figure Title

Receptor Locations and Unmitigated Noise Impact Contours at 1.5 m height, Daytime (7:00 – 19:00), Generator Testing and Maintenance Operations

Figure 5

APPENDIX A

COPY OF THE SITE PLAN



14. SETBACKS

	REQUIRED	PROVIDED
NORTH (INTERIOR YARD)	NIL	11.995m
SOUTH (INTERIOR YARD)	4.5m	20.995m
EAST	0m	0.3m
WEST	7.5m	0m BELOW GRADE 0m AT GRADE 1.1m 2ND STOREY & ABOVE

15. BUILDING HEIGHT

PROPOSED RESIDENTIAL BUILDING HEIGHT: (OVERALL HEIGHT MEASURED FROM EST. GRADE OF 92.00m TO TOP OF AMENITY ROOF)	* 5 STOREY (21,280m)
PROPOSED COMMERCIAL & OFFICE BUILDING HEIGHT: (OVERALL HEIGHT MEASURED FROM EST. GRADE OF 93.00m TO TOP OF MAIN ROOF)	2 STOREY (10,000m)

* 5TH FLOOR CONSISTS OF AMENITY AND MECHANICAL ONLY WITH NO RESIDENTIAL UNITS

1. ZONING

ZONING	

2. SITE AREA

	SQ. FEET (ft²)	SQ. METER (m²)	ACRES (ac)	HECTARES (ha)
DEVELOPABLE AREA	83,022ft^2	7,713m^2	1.906 ac	0.771 ha
ROAD	23,950ft^2	2,225m^2	0.550 ac	0.223 ha
CONSERVATION AREA	8,077.2ft^2	750.4m^2	0.185 ac	0.075 ha
TOTAL	115,049.0ft^2	10,688.4m^2	2.64 ac	1.07 ha

3. UNIT MIX

	STUDIO	1B	1B+D	2B	2B+D	3B/3B+D	TOTAL
GROUND FLOOR	-	3	1	5	-	-	9
2ND FLOOR	-	4	-	4	-	-	8
3RD FLOOR	-	4	-	4	-	-	8
4TH FLOOR	-	-	-	4	-	2	6
TOTAL	-	11	1	17	-	2	31

* OF WHICH 15% ARE BARRIER FREE

4. GROSS FLOOR AREA

"GROSS FLOOR AREA" - MEANS THE SUM TOTAL OF THE GROSS HORIZONTAL AREAS OF ALL FLOORS OF ALL BUILDINGS OR STRUCTURES ON A LOT, MEASURED FROM THE INTERIOR FACES OF THE EXTERIOR WALLS OR FROM THE CENTRE LINE OF THE COMMON WALL SEPARATING TWO BUILDINGS, AND THE "GROSS FLOOR AREA" OF A BUILDING OR STRUCTURE SHALL ALSO INCLUDE:

A) BASEMENT FLOOR AREA WHERE THE BASEMENT CEILING HEIGHT IS 2.1m OR MORE, UNLESS OTHERWISE SPECIFIED;
B) ATTIC SPACE HAVING HEADROOM OF 2.1m OR MORE FOR AT LEAST HALF THE ATTIC FLOOR AREA, UNLESS OTHERWISE SPECIFIED;
C) INTERIOR BALCONIES AND MEZZANINES;
D) ENCLOSED PORCHES AND ENCLOSED VERANDAS;
E) ELEVATOR SHAFTS AND STAIRWELLS AT EACH FLOOR, AND FLOOR AREA USED FOR MECHANICAL EQUIPMENT;
F) GROUND FLOOR AREA DEVOTED TO SECONDARY USES IN THE MAIN BUILDING.

	NO. FLS x SQ METER (m²)	SQ METER (m²)	SQ FEET²)
RESIDENTIAL			
P1 UNDERGROUND		2,191m^2	
GROUND FLOOR		1,006m^2	
2ND FLOOR		873m^2	
3RD-4TH FLOOR	2 FLRS x 873m^2	1,746m^2	
5TH FLOOR (AMENITY & MECH)		*617m^2	
TOTAL		* 6,433m^2 45%	69,244ft^2
COMMERCIAL & OFFICE			
P1 UNDERGROUND		4,176m^2	
GROUND FLOOR		1,800m^2	
COMMERCIAL		761m^2	
RESTAURANT		745m^2	
SERVICE SPACE		294m^2	
2ND FLOOR (OFFICE)		1,800m^2	
ROOFTOP MECH		209m^2	
TOTAL		7,985m^2 55%	85,950ft^2
TOTAL		14,418m^2	155,194ft^2

* OF WHICH 170m2 IS INDOOR AMENITY AND 450m2 IS OUTDOOR AMENITY TERRACE

5. LEASABLE AREA SQ METER m^2

	UNIT	PATIO	TOTAL
COMMERCIAL			
RESTAURANT	720m^2	234m^2 (PATIO 1&2)	963m^2
RETAIL UNIT 1	392m^2	117m^2 (PATIO 3)	509m^2
RETAIL UNIT 2	344m^2		344m^2
OFFICE	1,566m^2		1,566m^2
TOTAL	3,022m^2	351m^2	3,373m^2

6. RESIDENTIAL NET DENSITY

RESIDENTIAL UNIT / TOTAL SITE AREA (EXCLUDING ROADS AND CONSERVATION AREA)	31 UNITS / 0.771ha (7,713m2)	41 UNIT/ha

7. PARKING

TOTAL PARKING REQUIRED:	80 (1/9m^2)	40 (1/18.5m^2)	56 (1/28m^2)	12 (1/30m^2)	31 (1 SP/U)		219 *
	RESTAURANT	COMMERCIAL	OFFICE	PATIO	VISITOR	RESIDENTIAL	TOTAL
SURFACE	75	0	0	14	2	0	91
P1 UNDERGROUND	5	40	56	0	5	** ***44	150
TOTAL PROVIDED	80 (1/9m^2)	40 (1/18.5m^2)	56 (1/28m^2)	14 (1/30m^2)	51 (1.64 SP/U)		*241

* OF WHICH 7 ARE REQUIRED AND PROVIDED TO BE BARRIER-FREE (CITY BY-LAW REQUIREMENTS) *** OF WHICH ARE 19 OPTIONAL EV CHARGERS
** OF WHICH 2 ARE COMPACT SPACES (2.6m x 5.0m) & 8 MOTORCYCLE PARKING SPACES (3 RESIDENTIAL & 5 COMMERCIAL)(1.2m x 3.0m)

8. LOCKER STORAGE

P1 UNDERGROUND	31 (1 LOCKER/U)

9. BICYCLE PARKING

TOTAL BICYCLE PARKING REQUIRED:	15 (2/100m^2)	4 (1/200m^2)	7 (1/250m^2)	8 (2/100m^2)			33
	RESTAURANT	COMMERCIAL	OFFICE	PATIO	VISITOR	RESIDENTIAL	TOTAL
SURFACE	20	8	0	14	0	0	42
P1 UNDERGROUND	0	0	7	0	0	17	24
TOTAL PROVIDED	20	8	7	14	17		66

10. INDOOR & OUTDOOR AREA

REQUIRED AMENITY SPACE : 985m^2 (10,603 FT^2)
(8 1B/1B+D @10m^2 + 19 2B @35m^2 + 4 3B/3B+D @60m^2)

	SQ METER (m²)	SQ FEET²)
RESIDENTIAL		
INDOOR AMENITY	170m^2	
OUTDOOR AMENITY TERRACE	450m^2	
GROUND FLOOR	18m^2	
ROOFTOP AMENITY	432m^2	
PLAYGROUND	73m^2	
PLAZA	114m^2	
RESIDENTIAL BALCONIES/PATIOS	877m^2	
TOTAL AMENITY SPACE PROVIDED	1,684m^2	18,126ft^2
COMMERCIAL		
OUTDOOR PATIO 1	39m^2	
OUTDOOR PATIO 2	195m^2	
OUTDOOR PATIO 3	117m^2	
TOTAL	351m^2	3,778ft^2

11. COVERAGE

	SQ. METER (m²)	SQ. FEET (ft²)	%
BUILDING	3,065m^2		29%
RESIDENTIAL	1,258m^2		12%
COMMERCIAL/OFFICE	1,807m^2		17%
LANDSCAPED AREAS	3,599.4m^2		33%
PAVED AREAS	4,024m^2		38%
DRIVEWAY AREAS	2,257m^2		21%
PARKING AREAS	1,767m^2		17%
TOTAL	10,688.4m^2		100%

KEY PLAN NTS

SURVEY INFORMATION

PLAN OF SURVEY (DATE: FEB 18, 2025)	PART OF TOWNSHIP LOT 112 & PART OF ROAD ALLOWANCE BETWEEN TOWNSHIP LOTS 111 & 112 IN THE TOWON OF NIAGARA-ON-THE-LAKE REGIONAL MUNICIPALITY OF NIAGARA
NOTES	DISTANCES, ELEVATION AND CO-ORDINATES SHOWN ON THIS PLAN ARE IN METERS AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048 ELEVATIONS ARE GEODETIC ORIGIN (CGVD-1928: 78), AND ARE DERIVED FROM REAL TIME NETWORK. (RTN) OBSERVATIONS AND NATURAL RESOURCES CANADA'S GEOID MODEL HT2.0 REVISED TO SHOW REMOVED BERM & CURBS ON EAST SIDE OF FOUR MILE CREEK ROAD & NEW DRIPLINE AS MARKED OUT THIS PLAN WAS PREPARED FOR REZEN HOLDING CORPORATION AND THE UNDERSIGNED ASSUMES NO RESPONSIBILITY FOR USE BY OTHER PARTIES.
SURVEYOR CONTACT INFORMATION	BARICH GRENKIE SURVEYING LTD. 301 HWY NO.8 (2ND FLOOR) - STONEY CREEK, ON L8G 1E5 TEL: (905) 662-6767

SITE PLAN LEGEND NTS

▶	MAIN ENTRANCE
+203.61	EXISTING GRADE DATUM
000.000 FFE	FINISH FLOOR ELEVATION
000.000 EST GR	ESTABLISHED GRADE
000.000	PROPOSED GRADE DATUM
	EXISTING TREE (REFER TO SURVEY) CANOPY NOT TO SCALE
	PROPOSED TREE (REFER TO LANDSCAPE DWGS)
	EXISTING HYDRANT (REFER TO SURVEY)
	SIAMESE CONNECTION (REFER TO MECH/CIVIL DWGS)
MH	SANITARY MANHOLE (REFER TO CIVIL DWGS)
MH	STORM SEWER MANHOLE (REFER TO CIVIL DWGS)
CB	CATCHBASIN SEDIMENT TRAP (REFER TO CIVIL DWGS)
CB	CATCHBASIN (REFER TO CIVIL DWGS)
LS	EXISTING STREET LIGHT (REFER TO SURVEY/ELEC)
UP	EXISTING UTILITY POLE (REFER TO SURVEY/ELEC)
GW	EXISTING GUY WIRE (REFER TO SURVEY/ELEC)
	AREA DRAIN
	HOSE BIB (REFER TO MECH/CIVIL DWGS)
	SIGNAGE (REFER TO TRAFFIC REPORT)

BF = BARRIER FREE PARKING
FWS = FLASHING WARNING SYSTEM
CM = WALL MOUNTED CONVEX MIRROR

PARKING LEGEND NTS

	DRIVE ISLE - 6M MINIMUM
	PROPOSED HORIZONTAL BICYCLE PARKING (600X1800) - ALSO REFER TO LANDSCAPE DWGS
M	PROPOSED MOTORCYCLE PARKING SPACE (1200X3000)
C	PROPOSED COMPACT PARKING SPACE (2600X5000)
	PROPOSED PARKING SPACE (2750X6000) - TYPICAL PARKING SPACE
	PROPOSED VISITOR PARKING SPACE (2750X6000) - TYPICAL PARKING SPACE
	PROPOSED BARRIER-FREE PARKING SPACE (3700X6000) PARKING SPACE
	PROPOSED LOADING SPACE (3600X9000)

GENERAL NOTES

1. LOADING SPACE AND STAGING PAD TO BE LEVEL (+ - 2%) AND CONSTRUCTED OF MINIMUM 200mm REINFORCED CONCRETE. MINIMUM 6.1m UNENCUMBERED VERTICAL CLEARANCE REQUIRED
2. ACCESS DRIVEWAYS TO BE USED BY COLLECTION VEHICLES TO HAVE A MINIMUM VERTICAL CLEARANCE OF 4.4m THROUGHOUT
3. ANY DRIVEWAY OR COLLECTION AREA REQUIRING A COLLECTION VEHICLE TO DRIVE ONTO OR OVER A SUPPORTED STRUCTURE TO BE RATED TO SAFELY SUPPORT THE REQUIRED LOADS

12. LOT FRONTAGE

LOT FRONTAGE (FOUR MILE CREEK DRIVE)	88.84m

13. LOADING AREA

LOADING AREAS (3.6m x 9m)	2

ANDRÉ BROCHU
DIPL. ARCH., OAA MRAIC DATE

NO.	DATE	ISSUE	BY
2	DEC 5, 2025	RE-ISSUED FOR REZONING AND OPA	AB
1	APRIL 10, 2025	ISSUED FOR REZONING	AB

Issued

ICKE | BROCHU
ARCHITECTS INC
517 Wellington St W., Suite 201, Toronto, Ontario, M5V 1G1
T 647 288 1800 ibarchitects.net

1544 & 1546
FOUR MILE CREEK RD RESIDENTIAL DEVELOPMENT

FOUR MILE CREEK NIGARA-ON-THE-LAKE, ONTARIO

Drawing title
SITE PLAN

Date	MARCH, 2025	Drawn By	PL/YL
Scale	1:300	Reviewed By	AB
Project No.	23.11	Drawing No.	A102
Plot Date	December 09, 2025		

APPENDIX B

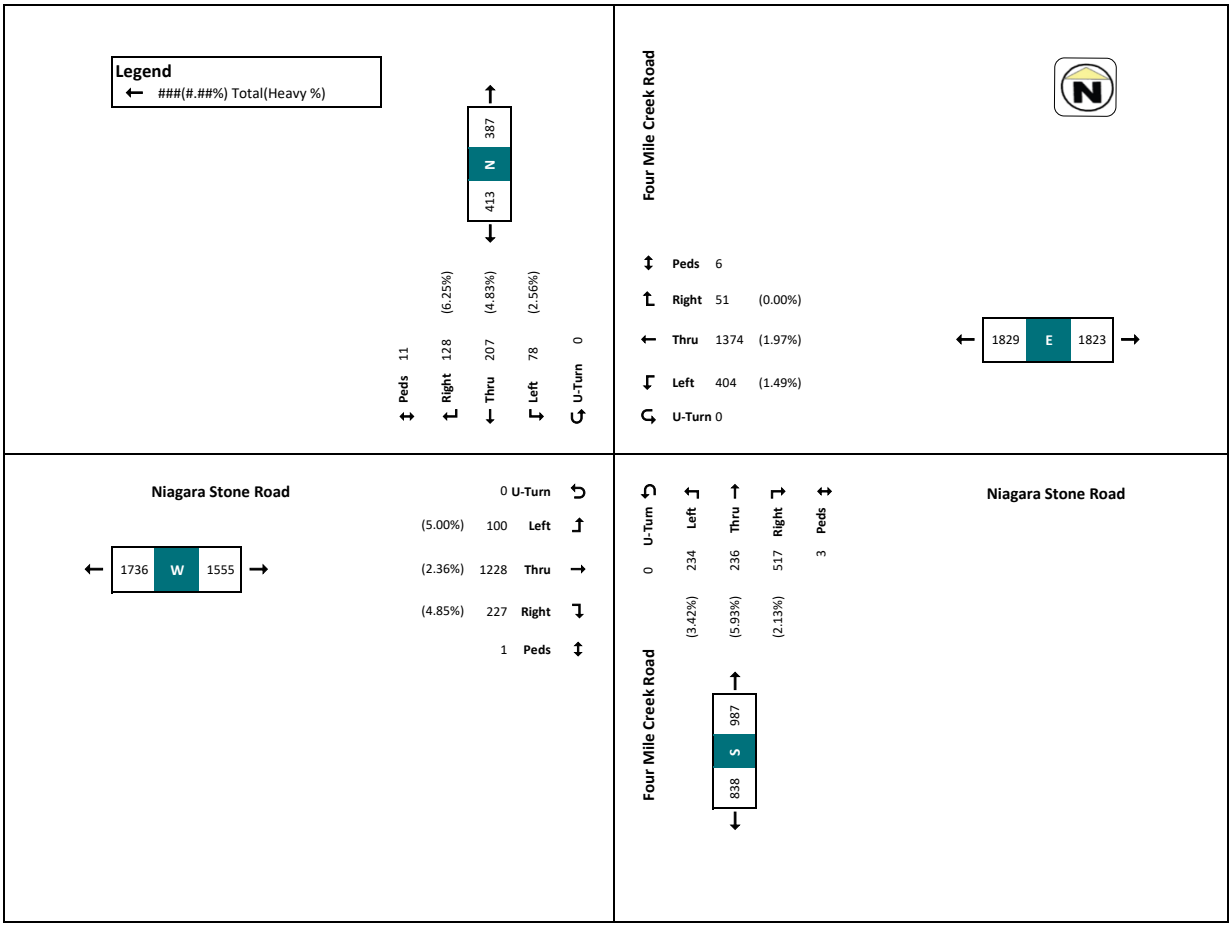
TRAFFIC DATA

LEA Consulting Ltd.
625 Cochrane Drive, 5th Floor
Markham, ON L3R 9R9

Intersection : Four Mile Creek Road & Niagara Stone Road
Survey Date : December 17, 2024
Project No. : 25253.01
Count ID : 24465

Turning Movement Count - Four Mile Creek Road & Niagara Stone Road

	Four Mile Creek Road Southbound						Niagara Stone Road Westbound						Four Mile Creek Road Northbound						Niagara Stone 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	0	6	5	1	11	0	4	25	1	0	30	0	2	7	5	0	14	0	3	33	2	0	38	93
7:15	0	2	8	3	0	13	0	11	33	4	0	48	0	4	10	21	0	35	0	5	41	4	0	50	146
7:30	0	4	9	5	0	18	0	15	33	1	0	49	0	6	11	31	0	48	0	3	50	14	0	67	182
7:45	0	2	11	4	0	17	0	11	34	2	1	47	0	13	11	33	1	57	0	5	63	5	0	73	194
Hourly Total	0	8	34	17	1	59	0	41	125	8	1	174	0	25	39	90	1	154	0	16	187	25	0	228	615
8:00	0	2	10	5	0	17	0	9	42	0	0	51	0	9	7	18	0	34	0	4	49	6	0	59	161
8:15	0	3	9	6	0	18	0	12	49	4	0	65	0	13	10	16	0	39	0	3	71	17	0	91	213
8:30	0	5	10	8	0	23	0	15	51	3	2	69	0	9	7	19	0	35	0	2	64	11	0	77	204
8:45	0	3	11	7	0	21	0	20	66	0	0	86	0	14	11	35	0	60	0	7	72	9	0	88	255
Hourly Total	0	13	40	26	0	79	0	56	208	7	2	271	0	45	35	88	0	168	0	16	256	43	0	315	833
9:00	0	1	6	11	2	18	0	21	59	1	0	81	0	11	11	33	0	55	0	10	72	16	0	98	252
9:15	0	8	14	6	0	28	0	17	59	1	0	77	0	15	6	38	0	59	0	4	71	10	0	85	249
Hourly Total	0	9	20	17	2	46	0	38	118	2	0	158	0	26	17	71	0	114	0	14	143	26	0	183	501
												* Break *													
16:00	0	6	15	11	0	32	0	31	105	6	0	142	0	28	26	35	1	89	0	6	92	12	1	110	373
16:15	0	3	8	12	0	23	0	38	160	2	0	200	0	12	11	25	0	48	0	5	78	19	0	102	373
16:30	0	9	16	8	0	33	0	22	114	2	0	138	0	26	21	41	0	88	0	4	73	20	0	97	356
16:45	0	8	12	4	1	24	0	22	91	4	0	117	0	8	22	22	0	52	0	10	66	17	0	93	286
Hourly Total	0	26	51	35	1	112	0	113	470	14	0	597	0	74	80	123	1	277	0	25	309	68	1	402	1388
17:00	0	4	21	6	0	31	0	40	108	5	1	153	0	19	9	26	0	54	0	11	66	15	0	92	330
17:15	0	5	16	8	2	29	0	34	103	2	1	139	0	14	13	27	0	54	0	7	71	10	0	88	310
17:30	0	6	8	1	0	15	0	26	86	4	1	116	0	7	9	21	1	37	0	2	57	10	0	69	237
17:45	0	0	9	5	3	14	0	21	55	1	0	77	0	7	19	24	0	50	0	5	54	7	0	66	207
Hourly Total	0	15	54	20	5	89	0	121	352	12	3	485	0	47	50	98	1	195	0	25	248	42	0	315	1084
18:00	0	2	4	10	1	16	0	22	56	6	0	84	0	6	11	21	0	38	0	4	52	14	0	70	208
18:15	0	5	4	3	1	12	0	13	45	2	0	60	0	11	4	26	0	41	0	0	33	9	0	42	155
Hourly Total	0	7	8	13	2	28	0	35	101	8	0	144	0	17	15	47	0	79	0	4	85	23	0	112	363
Grand Total	0	78	207	128	11	413	0	404	1374	51	6	1829	0	234	236	517	3	987	0	100	1228	227	1	1555	4784
Approach %	0.0%	18.9%	50.1%	31.0%	-	-	0.0%	22.1%	75.1%	2.8%	-	-	0.0%	23.7%	23.9%	52.4%	-	-	0.0%	6.4%	79.0%	14.6%	-	-	-
Total %	0.0%	1.6%	4.3%	2.7%	-	8.6%	0.0%	8.4%	28.7%	1.1%	-	38.2%	0.0%	4.9%	4.9%	10.8%	-	20.6%	0.0%	2.1%	25.7%	4.7%	-	32.5%	-
Lights	0	76	197	120	-	393	0	398	1347	51	-	1796	0	226	222	506	-	954	0	95	1199	216	-	1510	4653
% Lights	-	97.4%	95.2%	93.8%	-	95.2%	-	98.5%	98.0%	100.0%	-	98.2%	-	96.6%	94.1%	97.9%	-	96.7%	-	95.0%	97.6%	95.2%	-	97.1%	97.3%
Buses	-	0	3	4	-	7	-	1	11	0	-	12	-	2	2	3	-	7	-	1	8	4	-	13	39
% Buses	-	0.0%	1.4%	3.1%	-	1.7%	-	0.2%	0.8%	0.0%	-	0.7%	-	0.9%	0.8%	0.6%	-	0.7%	-	1.0%	0.7%	1.8%	-	0.8%	0.8%
Trucks	-	2	7	4	-	13	-	5	16	0	-	21	-	6	12	8	-	26	-	4	21	7	-	32	92
% Trucks	-	2.6%	3.4%	-	-	3.1%	-	1.2%	1.2%	0.0%	-	1.1%	-	2.6%	5.1%	1.5%	-	2.6%	-	4.0%	1.7%	3.1%	-	2.1%	1.9%
Bicycles	-	-	-	-	0	0	-	-	-	-	0	0	-	-	-	-	0	0	-	-	-	-	0	0	0
Pedestrians	-	-	-	-	11	-	-	-	-	-	6	-	-	-	-	-	3	-	-	-	-	-	1	-	21

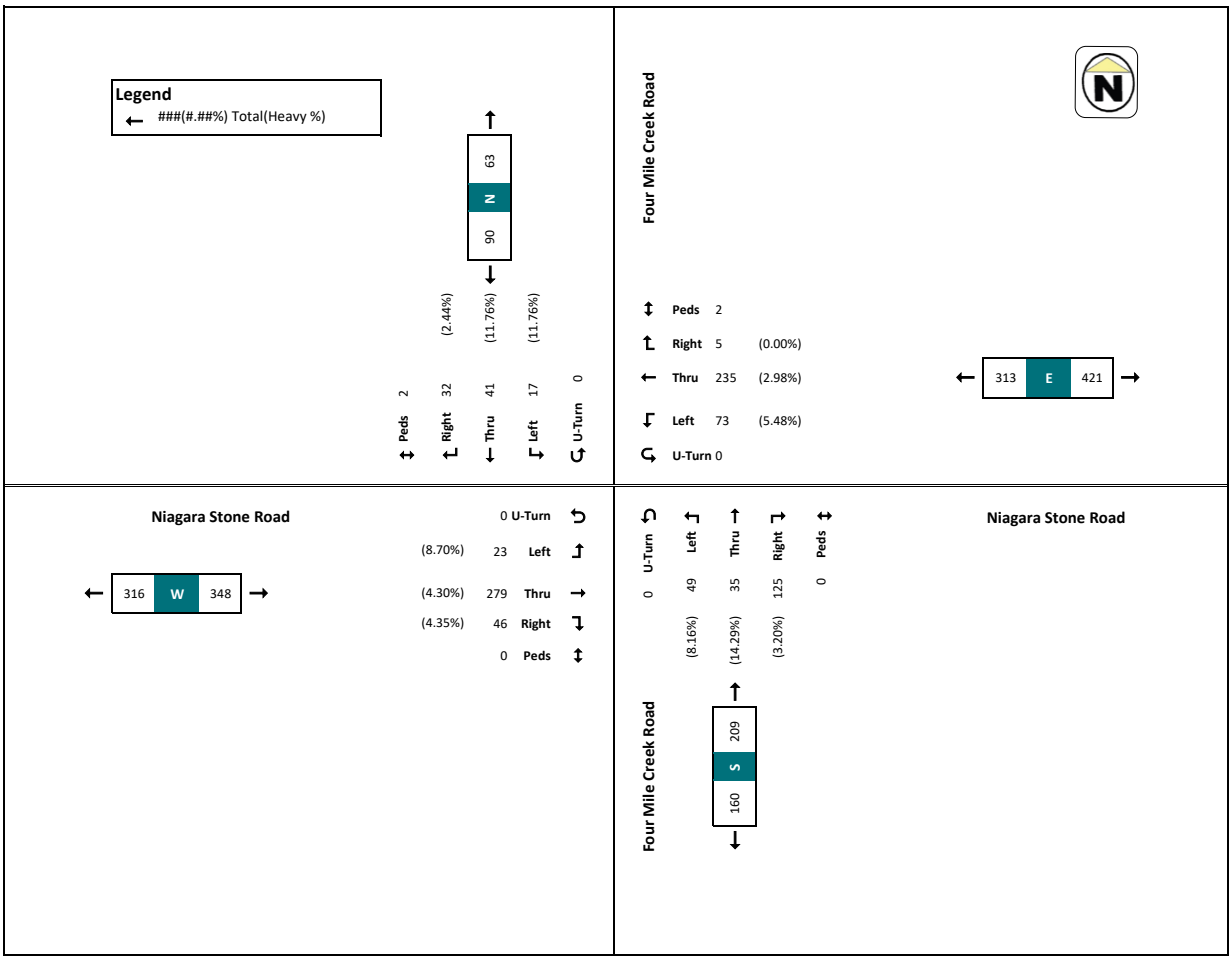


LEA Consulting Ltd.
625 Cochrane Drive, 5th Floor
Markham, ON L3R 9R9

Intersection : Four Mile Creek Road & Niagara Stone Road
Survey Date : December 17, 2024
Project No. : 25253
Count ID : 24465

AM Peak Hour - Four Mile Creek Road & Niagara Stone Road

	Four Mile Creek Road Southbound						Niagara Stone Road Westbound						Four Mile Creek Road Northbound						Niagara Stone 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
8:30	0	5	10	8	0	23	0	15	51	3	2	69	0	9	7	19	0	35	0	2	64	11	0	77	204
8:45	0	3	11	7	0	21	0	20	66	0	0	86	0	14	11	35	0	60	0	7	72	9	0	88	255
9:00	0	1	6	11	2	18	0	21	59	1	0	81	0	11	11	33	0	55	0	10	72	16	0	98	252
9:15	0	8	14	6	0	28	0	17	59	1	0	77	0	15	6	38	0	59	0	4	71	10	0	85	249
Hourly Total	0	17	41	32	2	90	0	73	235	5	2	313	0	49	35	125	0	209	0	23	279	46	0	348	960
Approach %	0.0%	18.9%	45.6%	35.6%	-	-	0.0%	23.3%	75.1%	1.6%	-	-	0.0%	23.4%	16.7%	59.8%	-	-	0.0%	6.6%	80.2%	13.2%	-	-	-
Total %	0.0%	1.8%	4.3%	3.3%	-	9.4%	0.0%	7.6%	24.5%	0.5%	-	32.6%	0.0%	5.1%	3.6%	13.0%	-	21.8%	0.0%	2.4%	29.1%	4.8%	-	36.3%	-
PHF	0	0.53	0.73	0.73	-	0.8	0	0.87	0.89	0.42	-	0.91	0	0.82	0.8	0.82	-	0.87	0	0.58	0.97	0.72	-	0.89	0.94
Lights	0	15	40	27	-	82	0	69	228	5	-	302	0	45	30	121	-	196	0	21	267	44	-	332	912
% Lights	-	88.2%	97.6%	84.4%	-	91.1%	-	94.5%	97.0%	100.0%	-	96.5%	-	91.8%	85.7%	96.8%	-	93.8%	-	91.3%	95.7%	95.7%	-	95.4%	95.0%
Buses	-	0	0	2	-	2	-	0	4	0	-	4	-	1	1	0	-	2	-	0	2	2	-	4	12
% Buses	-	0.0%	0.0%	6.3%	-	2.2%	-	0.0%	1.7%	0.0%	-	1.3%	-	2.0%	2.9%	0.0%	-	1.0%	-	0.0%	0.7%	4.3%	-	1.1%	1.3%
Trucks	-	2	1	3	-	6	-	4	3	0	-	7	-	3	4	4	-	11	-	2	10	0	-	12	36
% Trucks	-	11.8%	2.4%	9.4%	-	6.7%	-	5.5%	1.3%	0.0%	-	2.2%	-	6.1%	11.4%	3.2%	-	5.3%	-	8.7%	3.6%	0.0%	-	3.4%	3.8%
Bicycles	-	-	-	-	0	0	-	-	-	-	0	0	-	-	-	-	0	0	-	-	-	-	0	0	0
Pedestrians	-	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	0	-	-	-	-	-	0	-	4

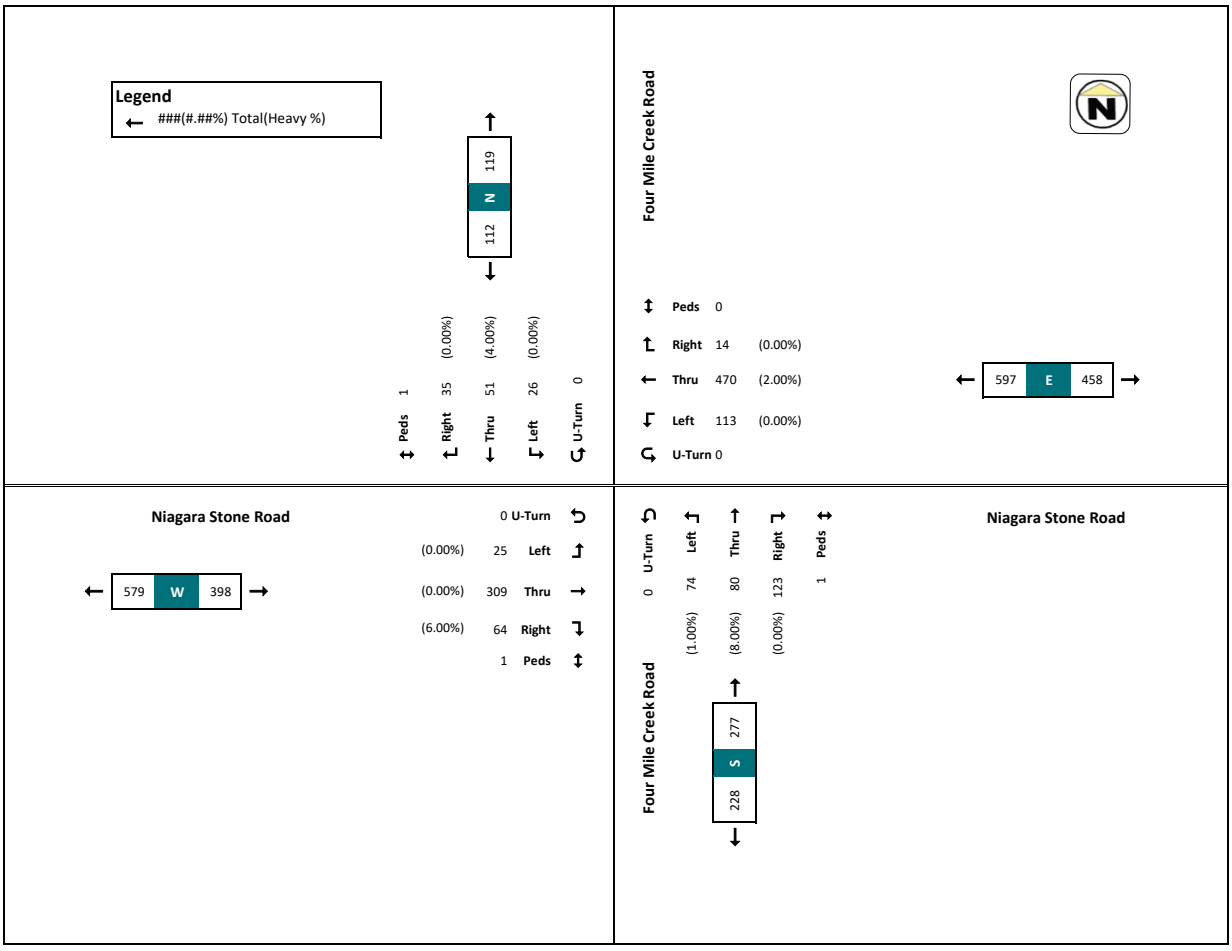


LEA Consulting Ltd.
625 Cochrane Drive, 5th Floor
Markham, ON L3R 9R9

Intersection : Four Mile Creek Road & Niagara Stone Road
Survey Date : December 17, 2024
Project No. : 25253
Count ID : 24465

PM Peak Hour - Four Mile Creek Road & Niagara Stone Road

	Four Mile Creek Road Southbound						Niagara Stone Road Westbound						Four Mile Creek Road Northbound						Niagara Stone 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
16:00	0	6	15	11	0	32	0	31	105	6	0	142	0	28	26	35	1	89	0	6	92	12	1	110	373
16:15	0	3	8	12	0	23	0	38	160	2	0	200	0	12	11	25	0	48	0	5	78	19	0	102	373
16:30	0	9	16	8	0	33	0	22	114	2	0	138	0	26	21	41	0	88	0	4	73	20	0	97	356
16:45	0	8	12	4	1	24	0	22	91	4	0	117	0	8	22	22	0	52	0	10	66	17	0	93	286
Hourly Total	0	26	51	35	1	112	0	113	470	14	0	597	0	74	80	123	1	277	0	25	309	68	1	402	1388
Approach %	0.0%	23.2%	45.5%	31.3%	-	-	0.0%	18.9%	78.7%	2.3%	-	-	0.0%	26.7%	28.9%	44.4%	-	-	0.0%	6.2%	76.9%	16.9%	-	-	-
Total %	0.0%	1.9%	3.7%	2.5%	-	8.1%	0.0%	11.8%	49.0%	1.0%	-	43.0%	0.0%	7.7%	8.3%	12.8%	-	20.0%	0.0%	2.6%	32.2%	7.1%	-	29.0%	-
PHF	0	0.72	0.8	0.73	-	0.85	0	0.74	0.73	0.58	-	0.75	0	0.66	0.77	0.75	-	0.78	0	0.63	0.84	0.85	-	0.91	0.93
Lights	0	26	49	35	-	110	0	113	461	14	-	588	0	73	74	123	-	270	0	25	309	64	-	398	1366
% Lights	-	100.0%	96.1%	100.0%	-	98.2%	-	100.0%	98.1%	100.0%	-	98.5%	-	98.6%	92.5%	100.0%	-	97.5%	-	100.0%	100.0%	94.1%	-	99.0%	98.4%
Buses	-	0	0	0	-	0	-	0	3	0	-	3	-	0	1	0	-	1	-	0	0	1	-	1	5
% Buses	-	0.0%	0.0%	0.0%	-	0.0%	-	0.0%	0.6%	0.0%	-	0.5%	-	0.0%	1.3%	0.0%	-	0.4%	-	0.0%	0.0%	1.5%	-	0.2%	0.4%
Trucks	-	0	1	0	-	1	-	0	6	0	-	6	-	1	5	0	-	6	-	0	0	3	-	3	16
% Trucks	-	0.0%	2.0%	0.0%	-	0.9%	-	0.0%	1.3%	0.0%	-	1.0%	-	1.4%	6.3%	0.0%	-	2.2%	-	0.0%	0.0%	4.4%	-	0.7%	1.2%
Bicycles	-	-	-	-	0	0	-	-	-	-	0	0	-	-	-	-	0	0	-	-	-	-	0	0	0
Pedestrians	-	-	-	-	1	-	-	-	-	-	0	-	-	-	-	-	0	-	-	-	-	-	0	-	1



APPENDIX C

DETAILED STAMSON ANALYSIS

```
STAMSON 5.0        NORMAL REPORT        Date: 11-09-2025 15:51:44
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r0120.te             Time Period: Day/Night 16/8 hours
Description: Residential Building North Facade

Road data, segment # 1: NiagaraStone (day/night)
-----------------------------------------------
Car traffic volume  : 13989/1554  veh/TimePeriod  *
Medium truck volume :    47/5     veh/TimePeriod  *
Heavy truck volume  :    73/8     veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):  10550
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  20.00
    Medium Truck % of Total Volume     :   0.33
    Heavy Truck  % of Total Volume     :   0.52
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: NiagaraStone (day/night)
-----------------------------------------------
Angle1   Angle2           : -90.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 280.00 / 280.00 m
Receiver height           :  13.05 / 13.05  m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Road data, segment # 2: FMC Road (day/night)
-------------------------------------------
Car traffic volume  :  6638/738   veh/TimePeriod  *
Medium truck volume :    65/7     veh/TimePeriod  *
Heavy truck volume  :   104/12    veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):   5090
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  20.00
    Medium Truck % of Total Volume     :   0.96
    Heavy Truck  % of Total Volume     :   1.53
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 2: FMC Road (day/night)
-----------------------------------------
Angle1   Angle2           : -90.00 deg   10.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  51.00 / 51.00  m
Receiver height           :  13.05 / 13.05  m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Results segment # 1: NiagaraStone (day)
---------------------------------------

Source height = 0.85 m

ROAD (0.00 + 50.19 + 0.00) = 50.19 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------------
--------
   -90     90   0.00  62.90   0.00 -12.71   0.00   0.00   0.00
0.00  50.19
-------------------------------------------------------------------------
--------

Segment Leq : 50.19 dBA

Results segment # 2: FMC Road (day)
-----------------------------------

Source height = 1.11 m

ROAD (0.00 + 53.69 + 0.00) = 53.69 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
```

```
--------------------------------------------------------------------
--------
   -90     10   0.00  61.55   0.00  -5.31  -2.55   0.00   0.00
0.00  53.69
--------------------------------------------------------------------
--------
```

Segment Leq : 53.69 dBA

Total Leq All Segments: 55.29 dBA

Results segment # 1: NiagaraStone (night)

Source height = 0.85 m

ROAD (0.00 + 43.64 + 0.00) = 43.64 dBA

```
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
--------------------------------------------------------------------
--------
   -90     90   0.00  56.35   0.00 -12.71   0.00   0.00   0.00
0.00  43.64
--------------------------------------------------------------------
--------
```

Segment Leq : 43.64 dBA

Results segment # 2: FMC Road (night)

Source height = 1.12 m

ROAD (0.00 + 47.22 + 0.00) = 47.22 dBA

```
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
--------------------------------------------------------------------
--------
   -90     10   0.00  55.09   0.00  -5.31  -2.55   0.00   0.00
0.00  47.22
--------------------------------------------------------------------
--------
```

Segment Leq : 47.22 dBA

Total Leq All Segments: 48.80 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 55.29
(NIGHT): 48.80

```
STAMSON 5.0         NORMAL REPORT         Date: 11-09-2025 15:52:56
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r0220.te              Time Period: Day/Night 16/8 hours
Description: Residential Building West Facade North Corner

Road data, segment # 1: NiagaraStone (day/night)
-----------------------------------------------
Car traffic volume  : 13989/1554  veh/TimePeriod  *
Medium truck volume :    47/5     veh/TimePeriod  *
Heavy truck volume  :    73/8     veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):  10550
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  20.00
    Medium Truck % of Total Volume     :   0.33
    Heavy Truck  % of Total Volume     :   0.52
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: NiagaraStone (day/night)
-----------------------------------------------
Angle1   Angle2           : -90.00 deg   20.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 284.00 / 284.00 m
Receiver height           :  13.05 / 13.05  m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Results segment # 1: NiagaraStone (day)
---------------------------------------

Source height = 0.85 m

ROAD (0.00 + 47.99 + 0.00) = 47.99 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
   -90     20   0.00  62.90   0.00 -12.77  -2.14   0.00   0.00
0.00  47.99
-------------------------------------------------------------------
--------

Segment Leq : 47.99 dBA

Total Leq All Segments: 47.99 dBA

Results segment # 1: NiagaraStone (night)
-----------------------------------------

Source height = 0.85 m

ROAD (0.00 + 41.44 + 0.00) = 41.44 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
   -90     20   0.00  56.35   0.00 -12.77  -2.14   0.00   0.00
0.00  41.44
-------------------------------------------------------------------
--------

Segment Leq : 41.44 dBA

Total Leq All Segments: 41.44 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 47.99
                          (NIGHT): 41.44STAMSON 5.0         NORMAL
REPORT         Date: 11-02-2025 16:02:11
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r02.te                Time Period: Day/Night 16/8 hours
Description:

Road data, segment # 1: NiagaraStone (day/night)
-----------------------------------------------
Car traffic volume  : 11476/1275  veh/TimePeriod  *
Medium truck volume :    38/4     veh/TimePeriod  *
Heavy truck volume  :    60/7     veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

```
    24 hr Traffic Volume (AADT or SADT):  10550
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  10.00
    Medium Truck % of Total Volume     :   0.33
    Heavy Truck  % of Total Volume     :   0.52
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: NiagaraStone (day/night)
-----------------------------------------------
Angle1   Angle2           : -90.00 deg   20.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 284.00 / 284.00 m
Receiver height           :  13.05 / 13.05  m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Results segment # 1: NiagaraStone (day)
---------------------------------------

Source height = 0.85 m

ROAD (0.00 + 47.13 + 0.00) = 47.13 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
   -90     20   0.00  62.04   0.00 -12.77  -2.14   0.00   0.00
0.00  47.13
-------------------------------------------------------------------
--------

Segment Leq : 47.13 dBA

Total Leq All Segments: 47.13 dBA

Results segment # 1: NiagaraStone (night)
-----------------------------------------

Source height = 0.86 m

ROAD (0.00 + 40.64 + 0.00) = 40.64 dBA

Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
   -90     20   0.00  55.55   0.00 -12.77  -2.14   0.00   0.00
0.00  40.64
-------------------------------------------------------------------
--------

Segment Leq : 40.64 dBA

Total Leq All Segments: 40.64 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 47.13
                           (NIGHT): 40.64
```

```
STAMSON 5.0        NORMAL REPORT        Date: 11-09-2025 16:01:39
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r0320.te             Time Period: Day/Night 16/8 hours
Description: Residential Building South Facade

Road data, segment # 1: FMC Road (day/night)
-------------------------------------------
Car traffic volume  :  6638/738   veh/TimePeriod  *
Medium truck volume :    65/7     veh/TimePeriod  *
Heavy truck volume  :   104/12    veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):   5090
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  20.00
    Medium Truck % of Total Volume     :   0.96
    Heavy Truck  % of Total Volume     :   1.53
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: FMC Road (day/night)
-------------------------------------------
Angle1   Angle2           :  10.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  72.00 / 72.00  m
Receiver height           :  13.05 / 13.05  m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Results segment # 1: FMC Road (day)
-----------------------------------

Source height = 1.11 m

ROAD (0.00 + 51.22 + 0.00) = 51.22 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
    10     90   0.00  61.55   0.00  -6.81  -3.52   0.00   0.00
0.00  51.22
-------------------------------------------------------------------
--------

Segment Leq : 51.22 dBA

Total Leq All Segments: 51.22 dBA

Results segment # 1: FMC Road (night)
-------------------------------------

Source height = 1.12 m

ROAD (0.00 + 44.76 + 0.00) = 44.76 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
    10     90   0.00  55.09   0.00  -6.81  -3.52   0.00   0.00
0.00  44.76
-------------------------------------------------------------------
--------

Segment Leq : 44.76 dBA

Total Leq All Segments: 44.76 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 51.22
                          (NIGHT): 44.76STAMSON 5.0        NORMAL
REPORT        Date: 11-02-2025 16:01:53
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r03.te               Time Period: Day/Night 16/8 hours
Description: Residential Building South Façade

Road data, segment # 1: FMC Road (day/night)
-------------------------------------------
Car traffic volume  :  5445/605   veh/TimePeriod  *
Medium truck volume :    54/6     veh/TimePeriod  *
Heavy truck volume  :    85/9     veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

```
    24 hr Traffic Volume (AADT or SADT):   5090
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  10.00
    Medium Truck % of Total Volume     :   0.96
    Heavy Truck  % of Total Volume     :   1.53
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: FMC Road (day/night)
------------------------------------------
Angle1   Angle2           :  10.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  72.00 / 72.00  m
Receiver height           :  13.05 / 13.05  m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Results segment # 1: FMC Road (day)
-----------------------------------

Source height = 1.11 m

ROAD (0.00 + 50.35 + 0.00) = 50.35 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
    10     90   0.00  60.69   0.00  -6.81  -3.52   0.00   0.00
0.00  50.35
-------------------------------------------------------------------
--------

Segment Leq : 50.35 dBA

Total Leq All Segments: 50.35 dBA

Results segment # 1: FMC Road (night)
-------------------------------------

Source height = 1.10 m

ROAD (0.00 + 43.73 + 0.00) = 43.73 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
    10     90   0.00  54.06   0.00  -6.81  -3.52   0.00   0.00
0.00  43.73
-------------------------------------------------------------------
--------

Segment Leq : 43.73 dBA

Total Leq All Segments: 43.73 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 50.35
                           (NIGHT): 43.73
```

```
STAMSON 5.0        NORMAL REPORT        Date: 11-09-2025 16:03:03
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r0420.te             Time Period: Day/Night 16/8 hours
Description: Office Building North Facade East Corner

Road data, segment # 1: NiagaraStone (day/night)
-----------------------------------------------
Car traffic volume  : 13989/1554  veh/TimePeriod  *
Medium truck volume :    47/5     veh/TimePeriod  *
Heavy truck volume  :    73/8     veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):  10550
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  20.00
    Medium Truck % of Total Volume     :   0.33
    Heavy Truck  % of Total Volume     :   0.52
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: NiagaraStone (day/night)
-----------------------------------------------
Angle1   Angle2           : -90.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 280.00 / 280.00 m
Receiver height           :   7.00 / 7.00   m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Road data, segment # 2: FMC Road (day/night)
-------------------------------------------
Car traffic volume  :  6638/738   veh/TimePeriod  *
Medium truck volume :    65/7     veh/TimePeriod  *
Heavy truck volume  :   104/12    veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):   5090
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  20.00
    Medium Truck % of Total Volume     :   0.96
    Heavy Truck  % of Total Volume     :   1.53
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 2: FMC Road (day/night)
-----------------------------------------
Angle1   Angle2           : -90.00 deg   20.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  15.00 / 15.00   m
Receiver height           :   7.00 / 7.00   m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Results segment # 1: NiagaraStone (day)
---------------------------------------

Source height = 0.85 m

ROAD (0.00 + 50.19 + 0.00) = 50.19 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------------
--------
   -90     90   0.00  62.90   0.00 -12.71   0.00   0.00   0.00
0.00  50.19
-------------------------------------------------------------------------
--------

Segment Leq : 50.19 dBA

Results segment # 2: FMC Road (day)
-----------------------------------

Source height = 1.11 m

ROAD (0.00 + 59.41 + 0.00) = 59.41 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
```

```
---------------------------------------------------------------------
--------                                                                    TOTAL Leq FROM ALL SOURCES (DAY): 59.90
   -90     20   0.00  61.55   0.00   0.00  -2.14   0.00   0.00                                        (NIGHT): 53.43
0.00  59.41
---------------------------------------------------------------------
--------

Segment Leq : 59.41 dBA

Total Leq All Segments: 59.90 dBA

Results segment # 1: NiagaraStone (night)
-----------------------------------------

Source height = 0.85 m

ROAD (0.00 + 43.64 + 0.00) = 43.64 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
---------------------------------------------------------------------
--------
   -90     90   0.00  56.35   0.00 -12.71   0.00   0.00   0.00
0.00  43.64
---------------------------------------------------------------------
--------

Segment Leq : 43.64 dBA

Results segment # 2: FMC Road (night)
-------------------------------------

Source height = 1.12 m

ROAD (0.00 + 52.95 + 0.00) = 52.95 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
---------------------------------------------------------------------
--------
   -90     20   0.00  55.09   0.00   0.00  -2.14   0.00   0.00
0.00  52.95
---------------------------------------------------------------------
--------

Segment Leq : 52.95 dBA

Total Leq All Segments: 53.43 dBA
```

STAMSON 5.0 NORMAL REPORT Date: 11-09-2025 15:55:27
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r0520.te Time Period: Day/Night 16/8 hours
Description: Office Building West Facade

Road data, segment # 1: NiagaraStone (day/night)

Car traffic volume : 13989/1554 veh/TimePeriod *
Medium truck volume : 47/5 veh/TimePeriod *
Heavy truck volume : 73/8 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 10550
Percentage of Annual Growth : 2.00
Number of Years of Growth : 20.00
Medium Truck % of Total Volume : 0.33
Heavy Truck % of Total Volume : 0.52
Day (16 hrs) % of Total Volume : 90.00

Data for Segment # 1: NiagaraStone (day/night)

Angle1 Angle2 : -90.00 deg -20.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 338.00 / 338.00 m
Receiver height : 7.00 / 7.00 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Road data, segment # 2: FMC Road (day/night)

Car traffic volume : 6638/738 veh/TimePeriod *
Medium truck volume : 65/7 veh/TimePeriod *
Heavy truck volume : 104/12 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 5090
Percentage of Annual Growth : 2.00
Number of Years of Growth : 20.00
Medium Truck % of Total Volume : 0.96
Heavy Truck % of Total Volume : 1.53
Day (16 hrs) % of Total Volume : 90.00

Data for Segment # 2: FMC Road (day/night)

Angle1 Angle2 : 40.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 25.00 / 25.00 m
Receiver height : 7.00 / 7.00 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: NiagaraStone (day)

Source height = 0.85 m

ROAD (0.00 + 45.27 + 0.00) = 45.27 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq
---
-90 -20 0.00 62.90 0.00 -13.53 -4.10 0.00 0.00 0.00 45.27

Segment Leq : 45.27 dBA

Results segment # 2: FMC Road (day)

Source height = 1.11 m

ROAD (0.00 + 53.77 + 0.00) = 53.77 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

```
-------------------------------------------------------------------
--------                                          TOTAL Leq FROM ALL SOURCES (DAY): 54.34
    40     90   0.00  61.55   0.00  -2.22  -5.56   0.00   0.00                              (NIGHT): 47.87
0.00  53.77
-------------------------------------------------------------------
--------

Segment Leq : 53.77 dBA

Total Leq All Segments: 54.34 dBA

Results segment # 1: NiagaraStone (night)
-----------------------------------------

Source height = 0.85 m

ROAD (0.00 + 38.72 + 0.00) = 38.72 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
   -90    -20   0.00  56.35   0.00 -13.53  -4.10   0.00   0.00
0.00  38.72
-------------------------------------------------------------------
--------

Segment Leq : 38.72 dBA

Results segment # 2: FMC Road (night)
-------------------------------------

Source height = 1.12 m

ROAD (0.00 + 47.31 + 0.00) = 47.31 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
    40     90   0.00  55.09   0.00  -2.22  -5.56   0.00   0.00
0.00  47.31
-------------------------------------------------------------------
--------

Segment Leq : 47.31 dBA

Total Leq All Segments: 47.87 dBA
```

```
STAMSON 5.0        NORMAL REPORT        Date: 11-09-2025 15:55:53
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r0620.te             Time Period: Day/Night 16/8 hours
Description: Office Building South Facade

Road data, segment # 1: FMC Road (day/night)
----------------------------------------------
Car traffic volume  :  6638/738   veh/TimePeriod  *
Medium truck volume :    65/7     veh/TimePeriod  *
Heavy truck volume  :   104/12    veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):   5090
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  20.00
    Medium Truck % of Total Volume     :   0.96
    Heavy Truck  % of Total Volume     :   1.53
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: FMC Road (day/night)
----------------------------------------------
Angle1   Angle2           : -10.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  15.00 / 15.00  m
Receiver height           :   7.00 / 7.00   m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Road data, segment # 2: FMC Rd 60 (day/night)
----------------------------------------------
Car traffic volume  :  6638/738   veh/TimePeriod  *
Medium truck volume :    65/7     veh/TimePeriod  *
Heavy truck volume  :   104/12    veh/TimePeriod  *
Posted speed limit  :    60 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):   5090
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  20.00
    Medium Truck % of Total Volume     :   0.96
    Heavy Truck  % of Total Volume     :   1.53
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 2: FMC Rd 60 (day/night)
----------------------------------------------
Angle1   Angle2           :  60.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  41.00 / 41.00  m
Receiver height           :   7.00 / 4.50   m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Results segment # 1: FMC Road (day)
-----------------------------------

Source height = 1.11 m

ROAD (0.00 + 59.00 + 0.00) = 59.00 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------------
--------
   -10     90   0.00  61.55   0.00   0.00  -2.55   0.00   0.00
0.00  59.00
-------------------------------------------------------------------------
--------

Segment Leq : 59.00 dBA

Results segment # 2: FMC Rd 60 (day)
-----------------------------------

Source height = 1.11 m

ROAD (0.00 + 51.14 + 0.00) = 51.14 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
```

```
-------------------------------------------------------------------
--------                                          TOTAL Leq FROM ALL SOURCES (DAY): 59.66
    60     90   0.00  63.29   0.00  -4.37  -7.78   0.00   0.00                              (NIGHT): 53.20
0.00  51.14
-------------------------------------------------------------------
--------

Segment Leq : 51.14 dBA

Total Leq All Segments: 59.66 dBA

Results segment # 1: FMC Road (night)
-------------------------------------

Source height = 1.12 m

ROAD (0.00 + 52.54 + 0.00) = 52.54 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
   -10     90   0.00  55.09   0.00   0.00  -2.55   0.00   0.00
0.00  52.54
-------------------------------------------------------------------
--------

Segment Leq : 52.54 dBA

Results segment # 2: FMC Rd 60 (night)
--------------------------------------

Source height = 1.12 m

ROAD (0.00 + 44.67 + 0.00) = 44.67 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
    60     90   0.00  56.82   0.00  -4.37  -7.78   0.00   0.00
0.00  44.67
-------------------------------------------------------------------
--------

Segment Leq : 44.67 dBA

Total Leq All Segments: 53.20 dBA
```

```
STAMSON 5.0        NORMAL REPORT        Date: 11-09-2025 15:56:43
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r0720.te             Time Period: Day/Night 16/8 hours
Description: Office Building East Facade North Corner

Road data, segment # 1: NiagaraStone (day/night)
-----------------------------------------------
Car traffic volume  : 13989/1554  veh/TimePeriod  *
Medium truck volume :    47/5     veh/TimePeriod  *
Heavy truck volume  :    73/8     veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):  10550
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  20.00
    Medium Truck % of Total Volume     :   0.33
    Heavy Truck  % of Total Volume     :   0.52
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: NiagaraStone (day/night)
-----------------------------------------------
Angle1   Angle2           : -10.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 304.00 / 304.00 m
Receiver height           :   7.00 / 7.00   m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Road data, segment # 2: FMC Road (day/night)
-------------------------------------------
Car traffic volume  :  6638/738   veh/TimePeriod  *
Medium truck volume :    65/7     veh/TimePeriod  *
Heavy truck volume  :   104/12    veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):   5090
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  20.00
    Medium Truck % of Total Volume     :   0.96
    Heavy Truck  % of Total Volume     :   1.53
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 2: FMC Road (day/night)
-----------------------------------------
Angle1   Angle2           : -90.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  15.00 / 15.00   m
Receiver height           :   7.00 / 7.00   m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Results segment # 1: NiagaraStone (day)
---------------------------------------

Source height = 0.85 m

ROAD (0.00 + 47.28 + 0.00) = 47.28 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------------
--------
   -10     90   0.00  62.90   0.00 -13.07  -2.55   0.00   0.00
0.00  47.28
-------------------------------------------------------------------------
--------

Segment Leq : 47.28 dBA

Results segment # 2: FMC Road (day)
-----------------------------------

Source height = 1.11 m

ROAD (0.00 + 61.55 + 0.00) = 61.55 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
```

```
---------------------------------------------------------------------
--------
   -90     90   0.00  61.55   0.00   0.00   0.00   0.00   0.00
0.00  61.55
---------------------------------------------------------------------
--------

Segment Leq : 61.55 dBA

Total Leq All Segments: 61.71 dBA

Results segment # 1: NiagaraStone (night)
-----------------------------------------

Source height = 0.85 m

ROAD (0.00 + 40.73 + 0.00) = 40.73 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
---------------------------------------------------------------------
--------
   -10     90   0.00  56.35   0.00 -13.07  -2.55   0.00   0.00
0.00  40.73
---------------------------------------------------------------------
--------

Segment Leq : 40.73 dBA

Results segment # 2: FMC Road (night)
-------------------------------------

Source height = 1.12 m

ROAD (0.00 + 55.09 + 0.00) = 55.09 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
---------------------------------------------------------------------
--------
   -90     90   0.00  55.09   0.00   0.00   0.00   0.00   0.00
0.00  55.09
---------------------------------------------------------------------
--------

Segment Leq : 55.09 dBA

Total Leq All Segments: 55.25 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 61.71
                         (NIGHT): 55.
```

STAMSON 5.0 NORMAL REPORT Date: 11-09-2025 15:57:16
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r0820.te Time Period: Day/Night 16/8 hours
Description: Office Building East Facade South Corner

Road data, segment # 1: NiagaraStone (day/night)

Car traffic volume : 13989/1554 veh/TimePeriod *
Medium truck volume : 47/5 veh/TimePeriod *
Heavy truck volume : 73/8 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 10550
Percentage of Annual Growth : 2.00
Number of Years of Growth : 20.00
Medium Truck % of Total Volume : 0.33
Heavy Truck % of Total Volume : 0.52
Day (16 hrs) % of Total Volume : 90.00

Data for Segment # 1: NiagaraStone (day/night)

Angle1 Angle2 : -10.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 385.00 / 385.00 m
Receiver height : 7.00 / 7.00 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Road data, segment # 2: FMC Road (day/night)

Car traffic volume : 6638/738 veh/TimePeriod *
Medium truck volume : 65/7 veh/TimePeriod *
Heavy truck volume : 104/12 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 5090
Percentage of Annual Growth : 2.00
Number of Years of Growth : 20.00
Medium Truck % of Total Volume : 0.96
Heavy Truck % of Total Volume : 1.53
Day (16 hrs) % of Total Volume : 90.00

Data for Segment # 2: FMC Road (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 15.00 / 15.00 m
Receiver height : 7.00 / 7.00 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Road data, segment # 3: FMC Rd 60 (day/night)

Car traffic volume : 6638/738 veh/TimePeriod *
Medium truck volume : 65/7 veh/TimePeriod *
Heavy truck volume : 104/12 veh/TimePeriod *
Posted speed limit : 60 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 5090
Percentage of Annual Growth : 2.00
Number of Years of Growth : 20.00
Medium Truck % of Total Volume : 0.96
Heavy Truck % of Total Volume : 1.53
Day (16 hrs) % of Total Volume : 90.00

Data for Segment # 3: FMC Rd 60 (day/night)

Angle1 Angle2 : 60.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 2 (Reflective ground surface)
Receiver source distance : 51.00 / 51.00 m
Receiver height : 7.00 / 4.50 m

```
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Results segment # 1: NiagaraStone (day)
---------------------------------------

Source height = 0.85 m

ROAD (0.00 + 46.26 + 0.00) = 46.26 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
------------------------------------------------------------------------
--------
   -10     90   0.00  62.90   0.00 -14.09  -2.55   0.00   0.00
0.00  46.26
------------------------------------------------------------------------
--------

Segment Leq : 46.26 dBA

Results segment # 2: FMC Road (day)
-----------------------------------

Source height = 1.11 m

ROAD (0.00 + 61.55 + 0.00) = 61.55 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
------------------------------------------------------------------------
--------
   -90     90   0.00  61.55   0.00   0.00   0.00   0.00   0.00
0.00  61.55
------------------------------------------------------------------------
--------

Segment Leq : 61.55 dBA

Results segment # 3: FMC Rd 60 (day)
------------------------------------

Source height = 1.11 m

ROAD (0.00 + 50.20 + 0.00) = 50.20 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
------------------------------------------------------------------------
--------
    60     90   0.00  63.29   0.00  -5.31  -7.78   0.00   0.00
0.00  50.20
------------------------------------------------------------------------
--------

Segment Leq : 50.20 dBA

Total Leq All Segments: 61.98 dBA

Results segment # 1: NiagaraStone (night)
-----------------------------------------

Source height = 0.85 m

ROAD (0.00 + 39.70 + 0.00) = 39.70 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
------------------------------------------------------------------------
--------
   -10     90   0.00  56.35   0.00 -14.09  -2.55   0.00   0.00
0.00  39.70
------------------------------------------------------------------------
--------

Segment Leq : 39.70 dBA

Results segment # 2: FMC Road (night)
-------------------------------------

Source height = 1.12 m

ROAD (0.00 + 55.09 + 0.00) = 55.09 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
------------------------------------------------------------------------
--------
   -90     90   0.00  55.09   0.00   0.00   0.00   0.00   0.00
0.00  55.09
------------------------------------------------------------------------
--------

Segment Leq : 55.09 dBA

Results segment # 3: FMC Rd 60 (night)
```

```
--------------------------------------

Source height = 1.12 m

ROAD (0.00 + 43.72 + 0.00) = 43.72 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
    60     90   0.00  56.82   0.00  -5.31  -7.78   0.00   0.00
0.00  43.72
-------------------------------------------------------------------
--------

Segment Leq : 43.72 dBA

Total Leq All Segments: 55.51 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 61.98
                           (NIGHT): 55.51
```

```
STAMSON 5.0        NORMAL REPORT        Date: 11-09-2025 15:57:51
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r0920.te             Time Period: Day/Night 16/8 hours
Description: Office Building North Facade West Corner

Road data, segment # 1: NiagaraStone (day/night)
-----------------------------------------------
Car traffic volume  : 13989/1554  veh/TimePeriod  *
Medium truck volume :    47/5     veh/TimePeriod  *
Heavy truck volume  :    73/8     veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):  10550
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  20.00
    Medium Truck % of Total Volume     :   0.33
    Heavy Truck  % of Total Volume     :   0.52
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: NiagaraStone (day/night)
-----------------------------------------------
Angle1   Angle2           : -90.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 281.00 / 281.00 m
Receiver height           :   7.00 / 7.00   m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Road data, segment # 2: FMC Road (day/night)
-------------------------------------------
Car traffic volume  :  6638/738   veh/TimePeriod  *
Medium truck volume :    65/7     veh/TimePeriod  *
Heavy truck volume  :   104/12    veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):   5090
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  20.00
    Medium Truck % of Total Volume     :   0.96
    Heavy Truck  % of Total Volume     :   1.53
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 2: FMC Road (day/night)
-----------------------------------------
Angle1   Angle2           : -90.00 deg   -10.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  29.00 / 29.00   m
Receiver height           :   7.00 / 7.00   m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Results segment # 1: NiagaraStone (day)
---------------------------------------

Source height = 0.85 m

ROAD (0.00 + 50.18 + 0.00) = 50.18 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------------
--------
   -90     90   0.00  62.90   0.00 -12.73   0.00   0.00   0.00
0.00  50.18
-------------------------------------------------------------------------
--------

Segment Leq : 50.18 dBA

Results segment # 2: FMC Road (day)
-----------------------------------

Source height = 1.11 m

ROAD (0.00 + 55.17 + 0.00) = 55.17 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
```

```
--------------------------------------------------------------------
--------
   -90    -10   0.00  61.55   0.00  -2.86  -3.52   0.00   0.00
0.00  55.17
--------------------------------------------------------------------
--------

Segment Leq : 55.17 dBA

Total Leq All Segments: 56.37 dBA

Results segment # 1: NiagaraStone (night)
-----------------------------------------

Source height = 0.85 m

ROAD (0.00 + 43.62 + 0.00) = 43.62 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
--------------------------------------------------------------------
--------
   -90     90   0.00  56.35   0.00 -12.73   0.00   0.00   0.00
0.00  43.62
--------------------------------------------------------------------
--------

Segment Leq : 43.62 dBA

Results segment # 2: FMC Road (night)
-------------------------------------

Source height = 1.12 m

ROAD (0.00 + 48.70 + 0.00) = 48.70 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
--------------------------------------------------------------------
--------
   -90    -10   0.00  55.09   0.00  -2.86  -3.52   0.00   0.00
0.00  48.70
--------------------------------------------------------------------
--------

Segment Leq : 48.70 dBA

Total Leq All Segments: 49.87 dBA
```

```
TOTAL Leq FROM ALL SOURCES (DAY): 56.37
                         (NIGHT): 49.87
```

```
STAMSON 5.0        NORMAL REPORT        Date: 11-09-2025 15:58:37
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r1020.te             Time Period: Day/Night 16/8 hours
Description: Residential Building West Facade South Corner

Road data, segment # 1: NiagaraStone (day/night)
----------------------------------------------
Car traffic volume  : 13989/1554  veh/TimePeriod  *
Medium truck volume :    47/5     veh/TimePeriod  *
Heavy truck volume  :    73/8     veh/TimePeriod  *
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

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

    24 hr Traffic Volume (AADT or SADT):  10550
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  20.00
    Medium Truck % of Total Volume     :   0.33
    Heavy Truck  % of Total Volume     :   0.52
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: NiagaraStone (day/night)
----------------------------------------------
Angle1   Angle2           : -90.00 deg   20.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 350.00 / 350.00 m
Receiver height           :  13.05 / 13.05  m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Results segment # 1: NiagaraStone (day)
---------------------------------------

Source height = 0.85 m

ROAD (0.00 + 47.09 + 0.00) = 47.09 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
   -90     20   0.00  62.90   0.00 -13.68  -2.14   0.00   0.00
0.00  47.09
-------------------------------------------------------------------
--------

Segment Leq : 47.09 dBA

Total Leq All Segments: 47.09 dBA

Results segment # 1: NiagaraStone (night)
-----------------------------------------

Source height = 0.85 m

ROAD (0.00 + 40.53 + 0.00) = 40.53 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
   -90     20   0.00  56.35   0.00 -13.68  -2.14   0.00   0.00
0.00  40.53
-------------------------------------------------------------------
--------

Segment Leq : 40.53 dBA

Total Leq All Segments: 40.53 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 47.09
                           (NIGHT): 40.53
```

```
STAMSON 5.0        NORMAL REPORT        Date: 10-12-2025 11:25:58
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: ola01.te             Time Period: 16 hours
Description: Residential Building 4th Floor West Balcony

Road data, segment # 1: NiagaraStone
----------------------------------
Car traffic volume  : 10362 veh/TimePeriod
Medium truck volume :    35 veh/TimePeriod
Heavy truck volume  :    54 veh/TimePeriod
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

Data for Segment # 1: NiagaraStone
----------------------------------
Angle1   Angle2           : -90.00 deg   20.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 286.00 m
Receiver height           :   1.50 m
Topography                :      0       (Define your own alpha.)
Barrier angle1            : -90.00 deg   Angle2 : 20.00 deg
Barrier height            :   1.10 m
Barrier receiver distance :   2.00 m
Source elevation          :   0.00 m
Receiver elevation        :  11.25 m
Barrier elevation         :  11.25 m
Alpha                     :   0.00
Reference angle           :   0.00

Results segment # 1: NiagaraStone
---------------------------------

Source height = 0.85 m

Barrier height for grazing incidence
------------------------------------
Source      ! Receiver    ! Barrier     ! Elevation of
Height  (m) ! Height  (m) ! Height  (m) ! Barrier Top  (m)
------------+-------------+-------------+--------------
       0.85 !        1.50 !        1.42 !        12.67

ROAD (0.00 + 46.66 + 0.00) = 46.66 dBA

Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------------
--------
   -90     20   0.00  61.60   0.00 -12.80  -2.14   0.00   0.00  -
3.96  42.70*
   -90     20   0.00  61.60   0.00 -12.80  -2.14   0.00   0.00
0.00  46.66
-------------------------------------------------------------------------
--------

 * Bright Zone !

Segment Leq : 46.66 dBA

Total Leq All Segments: 46.66 dBA

TOTAL Leq FROM ALL SOURCES:       46.66
```

```
STAMSON 5.0        NORMAL REPORT        Date: 10-12-2025 11:28:13
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: ola02.te             Time Period: 16 hours
Description: At-Grade Residential Patio

Road data, segment # 1: NiagaraStone
----------------------------------
Car traffic volume  : 10362 veh/TimePeriod
Medium truck volume :    35 veh/TimePeriod
Heavy truck volume  :    54 veh/TimePeriod
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

Data for Segment # 1: NiagaraStone
----------------------------------
Angle1   Angle2           :  10.00 deg   40.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 320.00 m
Receiver height           :   1.50 m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Road data, segment # 2: FMC Road
--------------------------------
Car traffic volume  :  4917 veh/TimePeriod
Medium truck volume :    48 veh/TimePeriod
Heavy truck volume  :    77 veh/TimePeriod
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

Data for Segment # 2: FMC Road
------------------------------
Angle1   Angle2           : -90.00 deg   -60.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  44.00 m
Receiver height           :   1.50 m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Road data, segment # 3: FMC Rd 60
---------------------------------
Car traffic volume  :  4917 veh/TimePeriod
Medium truck volume :    48 veh/TimePeriod
Heavy truck volume  :    77 veh/TimePeriod
Posted speed limit  :    60 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

Data for Segment # 3: FMC Rd 60
-------------------------------
Angle1   Angle2           :  60.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  83.00 m
Receiver height           :   1.50 m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Results segment # 1: NiagaraStone
---------------------------------

Source height = 0.85 m

ROAD (0.00 + 40.53 + 0.00) = 40.53 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
    10     40   0.00  61.60   0.00 -13.29  -7.78   0.00   0.00
0.00  40.53
-------------------------------------------------------------------
--------

Segment Leq : 40.53 dBA

Results segment # 2: FMC Road
-----------------------------

Source height = 1.11 m

ROAD (0.00 + 47.80 + 0.00) = 47.80 dBA
```

```
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
   -90    -60   0.00  60.26   0.00  -4.67  -7.78   0.00   0.00
0.00  47.80
-------------------------------------------------------------------
--------

Segment Leq : 47.80 dBA

Results segment # 3: FMC Rd 60
------------------------------

Source height = 1.11 m

ROAD (0.00 + 46.78 + 0.00) = 46.78 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
    60     90   0.00  61.99   0.00  -7.43  -7.78   0.00   0.00
0.00  46.78
-------------------------------------------------------------------
--------

Segment Leq : 46.78 dBA

Total Leq All Segments: 50.76 dBA

TOTAL Leq FROM ALL SOURCES:       50.76
```

```
STAMSON 5.0        COMPREHENSIVE REPORT        Date: 10-12-2025
11:28:43
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: ola03.te             Time Period: 16 hours
Description: Rooftop Pool

Road data, segment # 1: NiagaraStone
----------------------------------
Car traffic volume  : 10362 veh/TimePeriod
Medium truck volume :    35 veh/TimePeriod
Heavy truck volume  :    54 veh/TimePeriod
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

Data for Segment # 1: NiagaraStone
----------------------------------
Angle1   Angle2           : -90.00 deg   -45.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  : 349.00 m
Receiver height           :  17.35 m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Road data, segment # 2: FMC Road
--------------------------------
Car traffic volume  :  4917 veh/TimePeriod
Medium truck volume :    48 veh/TimePeriod
Heavy truck volume  :    77 veh/TimePeriod
Posted speed limit  :    50 km/h
Road gradient       :     0 %
Road pavement       :     1 (Typical asphalt or concrete)

Data for Segment # 2: FMC Road
------------------------------
Angle1   Angle2           :  40.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0
Surface                   :      2       (Reflective ground surface)
Receiver source distance  :  96.00 m
Receiver height           :  17.35 m
Topography                :      1       (Flat/gentle slope; no
barrier)
Reference angle           :   0.00

Segment # 1: NiagaraStone
-------------------------

Source height = 0.85 m

ROAD (0.00 + 41.91 + 0.00) = 41.91 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
   -90    -45   0.00  61.60   0.00 -13.67  -6.02   0.00   0.00
0.00  41.91
-------------------------------------------------------------------
--------

Segment Leq : 41.91 dBA

Segment # 2: FMC Road
---------------------

Source height = 1.11 m

ROAD (0.00 + 46.62 + 0.00) = 46.62 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
    40     90   0.00  60.25   0.00  -8.06  -5.56   0.00   0.00
0.00  46.62
-------------------------------------------------------------------
--------

Segment Leq : 46.62 dBA

Total Leq All Segments: 47.88 dBA

TOTAL Leq FROM ALL SOURCES:       47.88
```

APPENDIX D

SAMPLE CADNA/A ANALYSIS

Project: 1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)

Project Number: 25253

Source ID	Source Name	Point of Reception RP02		Point of Reception RP01		Point of Reception RP04		Point of Reception RP05		Point of Reception RP03		Point of Reception RP07		Point of Reception RP06		Point of Reception RP09		Point of Reception RP08		Point of Reception RP10	
		Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day
L01	15-Ton Pass-by	193	8	170	32	133	34	161	9	197	7	129	34	152	18	170	10	179	16	194	31
L02	15-Ton Pass-by 2	260	19	224	33	205	30	256	11	259	12	205	30	253	14	246	23	235	31	262	32
S43	5 Ton Aggregate Loading Cycle	177	16	149	38	112	40	147	18	182	15	110	39	139	21	153	19	158	23	177	34
L03	5-Ton Pass-by	193	1	170	18	133	20	161	1	197	1	129	21	152	5	170	1	179	4	194	17
L04	5-Ton Pass-by 2	260	10	224	24	205	21	256	4	259	4	205	21	253	5	246	14	235	22	262	23
S39	Cooling Tower	314	14	349	3	382	1	346	13	309	14	383	0	357	13	338	1	339	13	314	14
S40	Dirt Loading Cycle	196	12	164	37	129	39	169	12	201	11	127	39	162	16	172	16	174	22	196	35
S41	Gravel Loading Cycle	174	18	141	44	107	46	152	18	181	16	105	46	146	23	151	22	151	30	175	42
S15	HVAC RTU	245	19	204	27	188	29	252	11	257	7	192	29	253	11	232	27	211	27	250	20
S17	HVAC RTU	154	9	116	26	97	31	147	7	152	6	98	31	145	11	134	16	123	23	166	25
S14	HVAC RTU	248	13	207	25	190	26	254	5	260	3	194	26	254	5	234	17	214	25	253	17
S08	HVAC RTU	276	8	239	27	207	28	257	6	283	9	207	28	251	13	254	11	249	19	277	25
S16	HVAC RTU	158	9	119	29	91	30	149	7	167	6	92	30	147	11	138	14	128	22	160	26
S26	HVAC RTU	282	25	311	11	346	9	321	24	279	26	348	4	333	24	306	8	301	25	283	25
S11	HVAC RTU	284	8	247	27	216	28	268	6	293	8	217	28	263	12	263	12	256	20	286	25
S35	HVAC RTU	286	6	254	26	219	27	257	7	291	9	218	27	248	15	262	9	264	15	286	25
S10	HVAC RTU	287	8	250	27	219	28	270	6	295	8	219	28	264	12	266	11	259	20	289	25
S27	HVAC RTU	288	25	316	11	353	8	327	24	286	25	353	1	339	24	313	8	309	24	291	25
S25	HVAC RTU	290	22	310	8	346	14	336	21	291	22	349	1	349	12	313	2	300	22	293	22
S34	HVAC RTU	319	6	291	25	255	26	285	6	322	9	252	26	275	15	295	8	300	13	318	24
S18	HVAC RTU	327	23	287	24	276	26	341	11	340	7	281	25	342	8	317	24	292	24	333	20
S36	HVAC RTU	300	2	266	23	232	24	276	2	307	3	231	24	269	8	277	4	276	11	301	22
S19	HVAC RTU	330	23	289	25	278	25	342	10	342	7	282	25	343	8	319	25	295	24	335	16
S24	HVAC RTU	330	19	289	25	274	26	339	8	342	5	278	25	338	8	316	16	295	25	335	16
S20	HVAC RTU	331	23	290	25	277	25	341	9	343	7	282	25	342	8	319	25	296	24	336	16
S05	HVAC RTU	334	6	304	25	269	26	301	6	338	8	268	26	291	15	309	8	314	13	333	24
S06	HVAC RTU	335	5	306	25	271	25	303	6	339	8	268	25	293	15	311	8	316	13	335	24
S33	HVAC RTU	317	5	288	24	252	25	283	5	321	8	250	25	274	14	292	7	298	12	316	23
S07	HVAC RTU	345	5	315	24	279	25	314	6	350	8	277	25	305	14	321	8	324	13	345	23
S28	HVAC RTU	329	21	362	4	396	2	364	20	325	21	397	1	375	20	353	3	353	20	330	21
S24	HVAC RTU	331	9	289	22	271	23	334	3	342	2	274	23	333	4	316	14	296	22	335	13
S32	HVAC RTU	410	22	429	12	464	20	459	21	412	22	467	4	470	13	434	4	419	21	414	22
S31	HVAC RTU	411	22	429	12	464	20	459	21	413	22	468	4	471	13	435	4	420	21	415	22
S13	HVAC RTU	246	12	204	23	187	24	250	6	257	4	190	24	250	7	231	13	211	22	250	16
S01	HVAC RTU	250	3	232	15	197	15	206	4	250	7	193	21	195	15	226	4	241	6	247	19
S12	HVAC RTU	264	6	224	23	198	24	255	3	274	5	199	24	251	8	245	5	233	23	267	21
S02	HVAC RTU	272	2	256	14	221	14	228	4	272	6	216	20	216	15	248	4	264	6	269	19
S09	HVAC RTU	290	4	253	22	222	23	272	3	298	5	222	23	265	8	268	5	263	15	292	20
S03	HVAC RTU	309	2	293	13	258	13	264	3	308	6	253	19	252	14	285	3	301	5	306	17
S29	HVAC RTU	324	14	293	21	280	21	332	5	336	3	272	22	332	5	312	12	298	20	329	12
S04	HVAC RTU	332	2	317	12	282	12	287	3	331	5	277	18	275	18	308	3	325	5	329	17
S22	HVAC RTU	336	14	295	20	280	21	344	5	348	3	284	21	344	5	323	12	301	20	341	12
S23	HVAC RTU	337	13	295	20	279	21	343	4	349	3	283	21	342	5	323	12	302	20	341	12
S29	HVAC RTU	345	18	383	4	414	2	372	17	339	18	414	1	382	17	368	6	374	17	345	18
S30	HVAC RTU	365	18	401	4	433	2	394	17	359	18	433	1	404	17	388	3	391	17	364	18
S37	HVAC RTU	268	2	237	17	202	18	239	2	273	3	200	18	230	7	244	3	247	7	268	16
S42	Large Aggregate Loading Cycle	178	18	149	43	113	44	149	20	183	17	111	43	141	23	154	21	159	26	178	38
Total Level [dBA]			34		48		50		32		32		50		33		34		39		45

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L01	15-Ton Pass-by	17652673.4	4786882.7	1.5	0	52	8.1	125	55.6	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	7
L01	15-Ton Pass-by	17652673.4	4786882.7	1.5	0	57	8.1	250	55.6	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652673.4	4786882.7	1.5	0	63	8.1	500	55.6	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	18
L01	15-Ton Pass-by	17652673.4	4786882.7	1.5	0	63	8.1	1000	55.6	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	17
L01	15-Ton Pass-by	17652673.4	4786882.7	1.5	0	61	8.1	2000	55.6	0.0	-2.7	0.0	1.6	0.0	0.0	0.0	0.0	0.0	14
L01	15-Ton Pass-by	17652673.4	4786882.7	1.5	0	55	8.1	4000	55.6	0.0	-2.7	0.0	5.6	0.0	0.0	0.0	0.0	0.0	5
L01	15-Ton Pass-by	17652657.4	4786882.7	1.5	0	41	14.1	63	54.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
L01	15-Ton Pass-by	17652657.4	4786882.7	1.5	0	52	14.1	125	54.9	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	14
L01	15-Ton Pass-by	17652657.4	4786882.7	1.5	0	57	14.1	250	54.9	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	19
L01	15-Ton Pass-by	17652657.4	4786882.7	1.5	0	63	14.1	500	54.9	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	24
L01	15-Ton Pass-by	17652657.4	4786882.7	1.5	0	63	14.1	1000	54.9	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	24
L01	15-Ton Pass-by	17652657.4	4786882.7	1.5	0	61	14.1	2000	54.9	0.0	-2.7	0.0	1.5	0.0	0.0	0.0	0.0	0.0	21
L01	15-Ton Pass-by	17652657.4	4786882.7	1.5	0	55	14.1	4000	54.9	0.0	-2.7	0.0	5.1	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	52	10.4	125	55.7	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	9
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	57	10.4	250	55.7	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	14
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	63	10.4	500	55.7	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	20
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	63	10.4	1000	55.7	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	19
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	61	10.4	2000	55.7	0.0	-2.7	0.0	1.7	0.0	0.0	0.0	0.0	0.0	16
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	55	10.4	4000	55.7	0.0	-2.7	0.0	5.6	0.0	0.0	0.0	0.0	0.0	7
L01	15-Ton Pass-by	17652680.7	4786874.3	1.5	0	52	3.9	125	55.7	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	3
L01	15-Ton Pass-by	17652680.7	4786874.3	1.5	0	57	3.9	250	55.7	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	8
L01	15-Ton Pass-by	17652680.7	4786874.3	1.5	0	63	3.9	500	55.7	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	13
L01	15-Ton Pass-by	17652680.7	4786874.3	1.5	0	63	3.9	1000	55.7	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	13
L01	15-Ton Pass-by	17652680.7	4786874.3	1.5	0	61	3.9	2000	55.7	0.0	-2.7	0.0	1.7	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652680.7	4786874.3	1.5	0	55	3.9	4000	55.7	0.0	-2.7	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0
L01	15-Ton Pass-by	17652678.6	4786878.6	1.5	0	52	8.5	125	55.7	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	8
L01	15-Ton Pass-by	17652678.6	4786878.6	1.5	0	57	8.5	250	55.7	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652678.6	4786878.6	1.5	0	63	8.5	500	55.7	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	18
L01	15-Ton Pass-by	17652678.6	4786878.6	1.5	0	63	8.5	1000	55.7	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	17
L01	15-Ton Pass-by	17652678.6	4786878.6	1.5	0	61	8.5	2000	55.7	0.0	-2.7	0.0	1.7	0.0	0.0	0.0	0.0	0.0	14
L01	15-Ton Pass-by	17652678.6	4786878.6	1.5	0	55	8.5	4000	55.7	0.0	-2.7	0.0	5.7	0.0	0.0	0.0	0.0	0.0	5
L01	15-Ton Pass-by	17652676.8	4786882.2	1.5	0	57	0.2	250	55.7	0.0	-2.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	4
L01	15-Ton Pass-by	17652676.8	4786882.2	1.5	0	63	0.2	500	55.7	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652676.8	4786882.2	1.5	0	63	0.2	1000	55.7	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	0.0	0.0	9
L01	15-Ton Pass-by	17652676.8	4786882.2	1.5	0	61	0.2	2000	55.7	0.0	-2.8	0.0	1.7	0.0	0.0	0.0	0.0	0.0	6
L01	15-Ton Pass-by	17652683.7	4786867.0	1.5	0	52	3.7	125	55.7	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	0.0	0.0	3
L01	15-Ton Pass-by	17652683.7	4786867.0	1.5	0	57	3.7	250	55.7	0.0	-2.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	8
L01	15-Ton Pass-by	17652683.7	4786867.0	1.5	0	63	3.7	500	55.7	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	13
L01	15-Ton Pass-by	17652683.7	4786867.0	1.5	0	63	3.7	1000	55.7	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	0.0	0.0	13
L01	15-Ton Pass-by	17652683.7	4786867.0	1.5	0	61	3.7	2000	55.7	0.0	-2.8	0.0	1.7	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652683.7	4786867.0	1.5	0	55	3.7	4000	55.7	0.0	-2.8	0.0	5.6	0.0	0.0	0.0	0.0	0.0	0
L01	15-Ton Pass-by	17652682.6	4786869.8	1.5	0	52	5.7	125	55.7	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	5
L01	15-Ton Pass-by	17652682.6	4786869.8	1.5	0	57	5.7	250	55.7	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	9

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L01	15-Ton Pass-by	17652682.6	4786869.8	1.5	0	63	5.7	500	55.7	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	15
L01	15-Ton Pass-by	17652682.6	4786869.8	1.5	0	63	5.7	1000	55.7	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	15
L01	15-Ton Pass-by	17652682.6	4786869.8	1.5	0	61	5.7	2000	55.7	0.0	-2.7	0.0	1.7	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652682.6	4786869.8	1.5	0	55	5.7	4000	55.7	0.0	-2.7	0.0	5.6	0.0	0.0	0.0	0.0	0.0	2
L01	15-Ton Pass-by	17652681.6	4786872.3	1.5	0	52	2.5	125	55.7	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2
L01	15-Ton Pass-by	17652681.6	4786872.3	1.5	0	57	2.5	250	55.7	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	6
L01	15-Ton Pass-by	17652681.6	4786872.3	1.5	0	63	2.5	500	55.7	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652681.6	4786872.3	1.5	0	63	2.5	1000	55.7	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	11
L01	15-Ton Pass-by	17652681.6	4786872.3	1.5	0	61	2.5	2000	55.7	0.0	-2.7	0.0	1.7	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652660.2	4786967.8	1.5	0	52	11.9	125	57.8	0.0	-2.9	7.7	0.1	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652660.2	4786967.8	1.5	0	57	11.9	250	57.8	0.0	-2.9	7.7	0.2	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652660.2	4786967.8	1.5	0	63	11.9	500	57.8	0.0	-2.9	7.7	0.4	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652660.2	4786967.8	1.5	0	63	11.9	1000	57.8	0.0	-2.9	7.7	0.8	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652660.2	4786967.8	1.5	0	61	11.9	2000	57.8	0.0	-2.9	7.7	2.1	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652646.2	4786967.1	1.5	0	52	11.1	125	57.4	0.0	-2.9	7.7	0.1	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652646.2	4786967.1	1.5	0	57	11.1	250	57.4	0.0	-2.9	7.7	0.2	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652646.2	4786967.1	1.5	0	63	11.1	500	57.4	0.0	-2.9	7.7	0.4	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652646.2	4786967.1	1.5	0	63	11.1	1000	57.4	0.0	-2.9	7.7	0.8	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652646.2	4786967.1	1.5	0	61	11.1	2000	57.4	0.0	-2.9	7.7	2.0	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652639.3	4786966.8	1.5	0	63	0.1	500	57.2	0.0	-3.0	3.1	0.4	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652639.3	4786966.8	1.5	0	63	0.1	1000	57.2	0.0	-3.0	3.2	0.8	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652639.3	4786966.8	1.5	0	61	0.1	2000	57.2	0.0	-3.0	3.4	2.0	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652632.2	4786966.5	1.5	0	52	11.1	125	57.1	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652632.2	4786966.5	1.5	0	57	11.1	250	57.1	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652632.2	4786966.5	1.5	0	63	11.1	500	57.1	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	19
L02	15-Ton Pass-by 2	17652632.2	4786966.5	1.5	0	63	11.1	1000	57.1	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	19
L02	15-Ton Pass-by 2	17652632.2	4786966.5	1.5	0	61	11.1	2000	57.1	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	16
L02	15-Ton Pass-by 2	17652632.2	4786966.5	1.5	0	55	11.1	4000	57.1	0.0	-3.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652600.8	4786965.0	1.5	0	52	17.0	125	56.4	0.0	-3.0	7.8	0.1	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652600.8	4786965.0	1.5	0	57	17.0	250	56.4	0.0	-3.0	7.8	0.2	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652600.8	4786965.0	1.5	0	63	17.0	500	56.4	0.0	-3.0	7.8	0.4	0.0	0.0	0.0	0.0	0.0	18
L02	15-Ton Pass-by 2	17652600.8	4786965.0	1.5	0	63	17.0	1000	56.4	0.0	-3.0	7.8	0.7	0.0	0.0	0.0	0.0	0.0	18
L02	15-Ton Pass-by 2	17652600.8	4786965.0	1.5	0	61	17.0	2000	56.4	0.0	-3.0	7.8	1.8	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652600.8	4786965.0	1.5	0	55	17.0	4000	56.4	0.0	-3.0	7.8	6.1	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652561.4	4786963.1	1.5	0	52	14.6	125	55.7	0.0	-2.8	7.6	0.1	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652561.4	4786963.1	1.5	0	57	14.6	250	55.7	0.0	-2.8	7.7	0.2	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652561.4	4786963.1	1.5	0	63	14.6	500	55.7	0.0	-2.8	7.8	0.3	0.0	0.0	0.0	0.0	0.0	16
L02	15-Ton Pass-by 2	17652561.4	4786963.1	1.5	0	63	14.6	1000	55.7	0.0	-2.8	8.0	0.6	0.0	0.0	0.0	0.0	0.0	16
L02	15-Ton Pass-by 2	17652561.4	4786963.1	1.5	0	61	14.6	2000	55.7	0.0	-2.8	8.5	1.7	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652561.4	4786963.1	1.5	0	55	14.6	4000	55.7	0.0	-2.8	9.2	5.6	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652538.6	4786962.1	1.5	0	52	12.2	125	55.5	0.0	-2.6	6.0	0.1	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652538.6	4786962.1	1.5	0	57	12.2	250	55.5	0.0	-2.6	6.7	0.2	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652538.6	4786962.1	1.5	0	63	12.2	500	55.5	0.0	-2.6	7.4	0.3	0.0	0.0	0.0	0.0	0.0	14

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L02	15-Ton Pass-by 2	17652538.6	4786962.1	1.5	0	63	12.2	1000	55.5	0.0	-2.6	8.1	0.6	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652538.6	4786962.1	1.5	0	61	12.2	2000	55.5	0.0	-2.6	9.0	1.6	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652526.6	4786961.5	1.5	0	52	8.7	125	55.5	0.0	-2.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652526.6	4786961.5	1.5	0	57	8.7	250	55.5	0.0	-2.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652526.6	4786961.5	1.5	0	63	8.7	500	55.5	0.0	-2.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	18
L02	15-Ton Pass-by 2	17652526.6	4786961.5	1.5	0	63	8.7	1000	55.5	0.0	-2.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	18
L02	15-Ton Pass-by 2	17652526.6	4786961.5	1.5	0	61	8.7	2000	55.5	0.0	-2.4	0.0	1.6	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652526.6	4786961.5	1.5	0	55	8.7	4000	55.5	0.0	-2.4	0.0	5.5	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652588.3	4787019.9	1.5	0	52	8.2	125	58.4	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652588.3	4787019.9	1.5	0	57	8.2	250	58.4	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652588.3	4787019.9	1.5	0	63	8.2	500	58.4	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652588.3	4787019.9	1.5	0	63	8.2	1000	58.4	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652588.3	4787019.9	1.5	0	61	8.2	2000	58.4	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652588.3	4787019.9	1.5	0	55	8.2	4000	58.4	0.0	-2.9	0.0	7.7	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652604.4	4787020.5	1.5	0	52	14.1	125	58.6	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652604.4	4787020.5	1.5	0	57	14.1	250	58.6	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652604.4	4787020.5	1.5	0	63	14.1	500	58.6	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	21
L02	15-Ton Pass-by 2	17652604.4	4787020.5	1.5	0	63	14.1	1000	58.6	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	20
L02	15-Ton Pass-by 2	17652604.4	4787020.5	1.5	0	61	14.1	2000	58.6	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	17
L02	15-Ton Pass-by 2	17652604.4	4787020.5	1.5	0	55	14.1	4000	58.6	0.0	-2.9	0.0	7.8	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652645.9	4787022.0	1.5	0	52	17.6	125	59.2	0.0	-3.0	8.1	0.1	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652645.9	4787022.0	1.5	0	57	17.6	250	59.2	0.0	-3.0	8.4	0.3	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652645.9	4787022.0	1.5	0	63	17.6	500	59.2	0.0	-3.0	8.9	0.5	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652645.9	4787022.0	1.5	0	63	17.6	1000	59.2	0.0	-3.0	9.8	0.9	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652645.9	4787022.0	1.5	0	61	17.6	2000	59.2	0.0	-3.0	11.2	2.5	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652681.8	4787023.3	1.5	0	57	11.7	250	59.8	0.0	-3.0	8.3	0.3	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652681.8	4787023.3	1.5	0	63	11.7	500	59.8	0.0	-3.0	8.8	0.5	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652681.8	4787023.3	1.5	0	63	11.7	1000	59.8	0.0	-3.0	9.7	1.0	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652681.8	4787023.3	1.5	0	61	11.7	2000	59.8	0.0	-3.0	11.0	2.7	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652692.2	4787002.5	1.5	0	52	14.0	125	59.5	0.0	-2.9	5.9	0.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652692.2	4787002.5	1.5	0	57	14.0	250	59.5	0.0	-2.9	6.8	0.3	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652692.2	4787002.5	1.5	0	63	14.0	500	59.5	0.0	-2.9	7.8	0.5	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652692.2	4787002.5	1.5	0	63	14.0	1000	59.5	0.0	-2.9	9.0	1.0	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652692.2	4787002.5	1.5	0	61	14.0	2000	59.5	0.0	-2.9	10.5	2.6	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652691.1	4786983.3	1.5	0	52	11.3	125	58.9	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652691.1	4786983.3	1.5	0	57	11.3	250	58.9	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652691.1	4786983.3	1.5	0	63	11.3	500	58.9	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	18
L02	15-Ton Pass-by 2	17652691.1	4786983.3	1.5	0	63	11.3	1000	58.9	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
L02	15-Ton Pass-by 2	17652691.1	4786983.3	1.5	0	61	11.3	2000	58.9	0.0	-2.9	0.0	2.4	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652691.1	4786983.3	1.5	0	55	11.3	4000	58.9	0.0	-2.9	0.0	8.2	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652570.1	4787042.8	1.5	0	57	9.1	250	59.0	0.0	-2.8	7.6	0.3	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652570.1	4787042.8	1.5	0	63	9.1	500	59.0	0.0	-2.8	7.6	0.5	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652570.1	4787042.8	1.5	0	63	9.1	1000	59.0	0.0	-2.8	7.6	0.9	0.0	0.0	0.0	0.0	0.0	7

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L02	15-Ton Pass-by 2	17652570.1	4787042.8	1.5	0	61	9.1	2000	59.0	0.0	-2.8	7.6	2.4	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652573.6	4787037.5	1.5	0	57	6.5	250	58.9	0.0	-2.8	3.2	0.3	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652573.6	4787037.5	1.5	0	63	6.5	500	58.9	0.0	-2.8	3.4	0.5	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652573.6	4787037.5	1.5	0	63	6.5	1000	58.9	0.0	-2.8	3.8	0.9	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652573.6	4787037.5	1.5	0	61	6.5	2000	58.9	0.0	-2.8	4.4	2.4	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652579.9	4787027.7	1.5	0	52	12.8	125	58.6	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652579.9	4787027.7	1.5	0	57	12.8	250	58.6	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652579.9	4787027.7	1.5	0	63	12.8	500	58.6	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	19
L02	15-Ton Pass-by 2	17652579.9	4787027.7	1.5	0	63	12.8	1000	58.6	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	19
L02	15-Ton Pass-by 2	17652579.9	4787027.7	1.5	0	61	12.8	2000	58.6	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652579.9	4787027.7	1.5	0	55	12.8	4000	58.6	0.0	-2.9	0.0	7.8	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652688.4	4786975.7	1.5	0	52	6.7	125	58.7	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652688.4	4786975.7	1.5	0	57	6.7	250	58.7	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652688.4	4786975.7	1.5	0	63	6.7	500	58.7	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652688.4	4786975.7	1.5	0	63	6.7	1000	58.7	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652688.4	4786975.7	1.5	0	61	6.7	2000	58.7	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	52	12.9	125	58.3	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	57	12.9	250	58.3	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	63	12.9	500	58.3	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	20
L02	15-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	63	12.9	1000	58.3	0.0	-2.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	19
L02	15-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	61	12.9	2000	58.3	0.0	-2.9	0.0	2.2	0.0	0.0	0.0	0.0	0.0	16
L02	15-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	55	12.9	4000	58.3	0.0	-2.9	0.0	7.6	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652689.9	4787022.0	1.5	0	63	5.2	500	59.9	0.0	-2.9	8.9	0.5	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652691.8	4787017.7	1.5	0	63	7.8	500	59.8	0.0	-2.9	8.5	0.5	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652691.8	4787017.7	1.5	0	63	7.8	1000	59.8	0.0	-2.9	9.2	1.0	0.0	0.0	0.0	0.0	0.0	3
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	71	0.0	63	54.4	0.0	-3.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	10
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	84	0.0	125	54.4	0.0	-2.7	3.4	0.1	0.0	0.0	0.0	0.0	0.0	23
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	91	0.0	250	54.4	0.0	-2.7	3.8	0.2	0.0	0.0	0.0	0.0	0.0	29
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	500	54.4	0.0	-2.7	4.5	0.3	0.0	0.0	0.0	0.0	0.0	33
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	98	0.0	1000	54.4	0.0	-2.7	5.5	0.5	0.0	0.0	0.0	0.0	0.0	34
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	2000	54.4	0.0	-2.7	6.8	1.4	0.0	0.0	0.0	0.0	0.0	30
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	89	0.0	4000	54.4	0.0	-2.7	8.4	4.9	0.0	0.0	0.0	0.0	0.0	18
L03	5-Ton Pass-by	17652673.4	4786882.7	1.5	0	47	8.1	500	55.6	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	2
L03	5-Ton Pass-by	17652673.4	4786882.7	1.5	0	50	8.1	1000	55.6	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652673.4	4786882.7	1.5	0	47	8.1	2000	55.6	0.0	-2.7	0.0	1.6	0.0	0.0	0.0	0.0	0.0	1
L03	5-Ton Pass-by	17652657.4	4786882.7	1.5	0	41	14.1	250	54.9	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2
L03	5-Ton Pass-by	17652657.4	4786882.7	1.5	0	47	14.1	500	54.9	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	8
L03	5-Ton Pass-by	17652657.4	4786882.7	1.5	0	50	14.1	1000	54.9	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	12
L03	5-Ton Pass-by	17652657.4	4786882.7	1.5	0	47	14.1	2000	54.9	0.0	-2.7	0.0	1.5	0.0	0.0	0.0	0.0	0.0	7
L03	5-Ton Pass-by	17652657.4	4786882.7	1.5	0	44	14.1	4000	54.9	0.0	-2.7	0.0	5.1	0.0	0.0	0.0	0.0	0.0	1
L03	5-Ton Pass-by	17652686.0	4786860.8	1.5	0	47	10.4	500	55.7	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	4
L03	5-Ton Pass-by	17652686.0	4786860.8	1.5	0	50	10.4	1000	55.7	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	7
L03	5-Ton Pass-by	17652686.0	4786860.8	1.5	0	47	10.4	2000	55.7	0.0	-2.7	0.0	1.7	0.0	0.0	0.0	0.0	0.0	3

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
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Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L03	5-Ton Pass-by	17652680.7	4786874.3	1.5	0	50	3.9	1000	55.7	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	1
L03	5-Ton Pass-by	17652678.6	4786878.6	1.5	0	47	8.5	500	55.7	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	2
L03	5-Ton Pass-by	17652678.6	4786878.6	1.5	0	50	8.5	1000	55.7	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652678.6	4786878.6	1.5	0	47	8.5	2000	55.7	0.0	-2.7	0.0	1.7	0.0	0.0	0.0	0.0	0.0	1
L03	5-Ton Pass-by	17652683.7	4786867.0	1.5	0	50	3.7	1000	55.7	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	0.0	0.0	1
L03	5-Ton Pass-by	17652682.6	4786869.8	1.5	0	50	5.7	1000	55.7	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652660.2	4786967.8	1.5	0	52	11.9	500	57.8	0.0	-2.9	7.7	0.4	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652660.2	4786967.8	1.5	0	55	11.9	1000	57.8	0.0	-2.9	7.7	0.8	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652646.2	4786967.1	1.5	0	55	11.1	1000	57.4	0.0	-2.9	7.7	0.8	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652632.2	4786966.5	1.5	0	45	11.1	250	57.1	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652632.2	4786966.5	1.5	0	52	11.1	500	57.1	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	8
L04	5-Ton Pass-by 2	17652632.2	4786966.5	1.5	0	55	11.1	1000	57.1	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	12
L04	5-Ton Pass-by 2	17652632.2	4786966.5	1.5	0	52	11.1	2000	57.1	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652600.8	4786965.0	1.5	0	45	17.0	250	56.4	0.0	-3.0	7.8	0.2	0.0	0.0	0.0	0.0	0.0	1
L04	5-Ton Pass-by 2	17652600.8	4786965.0	1.5	0	52	17.0	500	56.4	0.0	-3.0	7.8	0.4	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652600.8	4786965.0	1.5	0	55	17.0	1000	56.4	0.0	-3.0	7.8	0.7	0.0	0.0	0.0	0.0	0.0	10
L04	5-Ton Pass-by 2	17652600.8	4786965.0	1.5	0	52	17.0	2000	56.4	0.0	-3.0	7.8	1.8	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652561.4	4786963.1	1.5	0	52	14.6	500	55.7	0.0	-2.8	7.8	0.3	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652561.4	4786963.1	1.5	0	55	14.6	1000	55.7	0.0	-2.8	8.0	0.6	0.0	0.0	0.0	0.0	0.0	8
L04	5-Ton Pass-by 2	17652561.4	4786963.1	1.5	0	52	14.6	2000	55.7	0.0	-2.8	8.5	1.7	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652538.6	4786962.1	1.5	0	52	12.2	500	55.5	0.0	-2.6	7.4	0.3	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652538.6	4786962.1	1.5	0	55	12.2	1000	55.5	0.0	-2.6	8.1	0.6	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652538.6	4786962.1	1.5	0	52	12.2	2000	55.5	0.0	-2.6	9.0	1.6	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652526.6	4786961.5	1.5	0	45	8.7	250	55.5	0.0	-2.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1
L04	5-Ton Pass-by 2	17652526.6	4786961.5	1.5	0	52	8.7	500	55.5	0.0	-2.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652526.6	4786961.5	1.5	0	55	8.7	1000	55.5	0.0	-2.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	10
L04	5-Ton Pass-by 2	17652526.6	4786961.5	1.5	0	52	8.7	2000	55.5	0.0	-2.4	0.0	1.6	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652588.3	4787019.9	1.5	0	52	8.2	500	58.4	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652588.3	4787019.9	1.5	0	55	8.2	1000	58.4	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652588.3	4787019.9	1.5	0	52	8.2	2000	58.4	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652604.4	4787020.5	1.5	0	45	14.1	250	58.6	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652604.4	4787020.5	1.5	0	52	14.1	500	58.6	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	10
L04	5-Ton Pass-by 2	17652604.4	4787020.5	1.5	0	55	14.1	1000	58.6	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	13
L04	5-Ton Pass-by 2	17652604.4	4787020.5	1.5	0	52	14.1	2000	58.6	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	8
L04	5-Ton Pass-by 2	17652645.9	4787022.0	1.5	0	52	17.6	500	59.2	0.0	-3.0	8.9	0.5	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652645.9	4787022.0	1.5	0	55	17.6	1000	59.2	0.0	-3.0	9.8	0.9	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652692.2	4787002.5	1.5	0	52	14.0	500	59.5	0.0	-2.9	7.8	0.5	0.0	0.0	0.0	0.0	0.0	1
L04	5-Ton Pass-by 2	17652692.2	4787002.5	1.5	0	55	14.0	1000	59.5	0.0	-2.9	9.0	1.0	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652691.1	4786983.3	1.5	0	45	11.3	250	58.9	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652691.1	4786983.3	1.5	0	52	11.3	500	58.9	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652691.1	4786983.3	1.5	0	55	11.3	1000	58.9	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	10
L04	5-Ton Pass-by 2	17652691.1	4786983.3	1.5	0	52	11.3	2000	58.9	0.0	-2.9	0.0	2.4	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652573.6	4787037.5	1.5	0	55	6.5	1000	58.9	0.0	-2.8	3.8	0.9	0.0	0.0	0.0	0.0	0.0	1

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L04	5-Ton Pass-by 2	17652579.9	4787027.7	1.5	0	45	12.8	250	58.6	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652579.9	4787027.7	1.5	0	52	12.8	500	58.6	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	8
L04	5-Ton Pass-by 2	17652579.9	4787027.7	1.5	0	55	12.8	1000	58.6	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	11
L04	5-Ton Pass-by 2	17652579.9	4787027.7	1.5	0	52	12.8	2000	58.6	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652688.4	4786975.7	1.5	0	52	6.7	500	58.7	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652688.4	4786975.7	1.5	0	55	6.7	1000	58.7	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652688.4	4786975.7	1.5	0	52	6.7	2000	58.7	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	45	12.9	250	58.3	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	52	12.9	500	58.3	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	9
L04	5-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	55	12.9	1000	58.3	0.0	-2.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	12
L04	5-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	52	12.9	2000	58.3	0.0	-2.9	0.0	2.2	0.0	0.0	0.0	0.0	0.0	7
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	59	0.0	32	55.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	67	0.0	63	55.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	80	0.0	125	55.3	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	0.0	0.0	21
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	250	55.3	0.0	-2.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	26
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	91	0.0	500	55.3	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	32
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	92	0.0	1000	55.3	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	0.0	0.0	33
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	90	0.0	2000	55.3	0.0	-2.8	0.0	1.6	0.0	0.0	0.0	0.0	0.0	29
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	4000	55.3	0.0	-2.8	0.0	5.4	0.0	0.0	0.0	0.0	0.0	21
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	81	0.0	8000	55.3	0.0	-2.8	0.0	19.2	0.0	0.0	0.0	0.0	0.0	3
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	68	0.0	63	54.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	81	0.0	125	54.0	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	0.0	0.0	24
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	90	0.0	250	54.0	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	0.0	0.0	32
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	500	54.0	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	39
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	1000	54.0	0.0	-2.8	0.0	0.5	0.0	0.0	0.0	0.0	0.0	39
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	96	0.0	2000	54.0	0.0	-2.8	0.0	1.4	0.0	0.0	0.0	0.0	0.0	37
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	92	0.0	4000	54.0	0.0	-2.8	0.0	4.6	0.0	0.0	0.0	0.0	0.0	30
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	85	0.0	8000	54.0	0.0	-2.8	0.0	16.5	0.0	0.0	0.0	0.0	0.0	11
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	52.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-4.5	0.0	22
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	250	52.2	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-8.5	0.0	21
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	84	0.0	500	52.2	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-9.9	0.0	25
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	83	0.0	1000	52.2	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-10.9	0.0	23
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	2000	52.2	0.0	-3.0	0.0	1.1	0.0	0.0	0.0	-11.9	0.0	17
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	73	0.0	4000	52.2	0.0	-3.0	0.0	3.7	0.0	0.0	0.0	-12.9	0.0	7
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	67	0.0	63	57.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	12
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	80	0.0	125	57.2	0.0	-1.2	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	19
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	84	0.0	250	57.2	0.0	-2.0	0.0	0.2	0.0	0.0	0.0	-8.7	0.0	20
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	87	0.0	500	57.2	0.0	-2.1	0.0	0.4	0.0	0.0	0.0	-9.9	0.0	21
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	89	0.0	1000	57.2	0.0	-2.1	0.0	0.7	0.0	0.0	0.0	-10.9	0.0	22
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	85	0.0	2000	57.2	0.0	-2.1	0.0	2.0	0.0	0.0	0.0	-11.9	0.0	16
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	78	0.0	4000	57.2	0.0	-2.1	0.0	6.7	0.0	0.0	0.0	-12.9	0.0	3
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	52.5	0.0	-2.9	0.0	0.0	0.0	0.0	0.0	-4.5	0.0	22
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	250	52.5	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	-8.5	0.0	21

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	84	0.0	500	52.5	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	-9.9	0.0	24
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	83	0.0	1000	52.5	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	-10.9	0.0	22
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	2000	52.5	0.0	-2.9	0.0	1.2	0.0	0.0	0.0	-11.9	0.0	16
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	73	0.0	4000	52.5	0.0	-2.9	0.0	3.9	0.0	0.0	0.0	-12.9	0.0	7
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	61	0.0	125	57.3	0.0	-1.6	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	0
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	72	0.0	250	57.3	0.0	-2.2	0.0	0.2	0.0	0.0	0.0	-8.7	0.0	8
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	84	0.0	500	57.3	0.0	-2.3	0.0	0.4	0.0	0.0	0.0	-9.9	0.0	19
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	89	0.0	1000	57.3	0.0	-2.3	0.0	0.8	0.0	0.0	0.0	-10.9	0.0	22
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	87	0.0	2000	57.3	0.0	-2.3	0.0	2.0	0.0	0.0	0.0	-11.9	0.0	18
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	81	0.0	4000	57.3	0.0	-2.3	0.0	6.8	0.0	0.0	0.0	-12.9	0.0	6
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	67	0.0	63	58.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	10
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	80	0.0	125	58.6	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	19
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	84	0.0	250	58.6	0.0	-2.8	0.0	0.2	0.0	0.0	0.0	-8.8	0.0	20
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	87	0.0	500	58.6	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	21
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	89	0.0	1000	58.6	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	-10.9	0.0	22
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	85	0.0	2000	58.6	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	-11.9	0.0	15
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	78	0.0	4000	58.6	0.0	-2.9	0.0	7.8	0.0	0.0	0.0	-12.9	0.0	2
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	67	0.0	63	58.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	10
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	80	0.0	125	58.8	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	19
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	84	0.0	250	58.8	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	20
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	87	0.0	500	58.8	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	21
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	89	0.0	1000	58.8	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-10.9	0.0	21
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	85	0.0	2000	58.8	0.0	-3.0	0.0	2.4	0.0	0.0	0.0	-11.9	0.0	15
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	78	0.0	4000	58.8	0.0	-3.0	0.0	8.1	0.0	0.0	0.0	-12.9	0.0	1
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	67	0.0	63	58.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	10
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	80	0.0	125	58.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	19
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	84	0.0	250	58.9	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	19
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	87	0.0	500	58.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	20
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	89	0.0	1000	58.9	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-10.9	0.0	21
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	85	0.0	2000	58.9	0.0	-3.0	0.0	2.4	0.0	0.0	0.0	-11.9	0.0	15
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	78	0.0	4000	58.9	0.0	-3.0	0.0	8.2	0.0	0.0	0.0	-12.9	0.0	1
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	67	0.0	63	59.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	10
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	80	0.0	125	59.1	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	19
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	84	0.0	250	59.1	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	19
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	87	0.0	500	59.1	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	20
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	89	0.0	1000	59.1	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	-10.9	0.0	21
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	85	0.0	2000	59.1	0.0	-2.9	0.0	2.5	0.0	0.0	0.0	-11.9	0.0	15
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	78	0.0	4000	59.1	0.0	-2.9	0.0	8.3	0.0	0.0	0.0	-12.9	0.0	1
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	67	0.0	63	60.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	9
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	80	0.0	125	60.2	0.0	-1.8	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	17
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	84	0.0	250	60.2	0.0	-2.2	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	17
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	87	0.0	500	60.2	0.0	-2.2	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	18
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	89	0.0	1000	60.2	0.0	-2.2	0.0	1.0	0.0	0.0	0.0	-10.9	0.0	19

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	85	0.0	2000	60.2	0.0	-2.2	0.0	2.8	0.0	0.0	0.0	-11.9	0.0	13
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	67	0.0	63	60.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	80	0.0	125	60.2	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	17
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	84	0.0	250	60.2	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	18
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	87	0.0	500	60.2	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	19
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	89	0.0	1000	60.2	0.0	-2.7	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	20
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	85	0.0	2000	60.2	0.0	-2.7	0.0	2.8	0.0	0.0	0.0	-12.0	0.0	13
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	67	0.0	63	60.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	80	0.0	125	60.2	0.0	-2.4	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	17
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	84	0.0	250	60.2	0.0	-2.4	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	18
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	87	0.0	500	60.2	0.0	-2.5	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	19
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	89	0.0	1000	60.2	0.0	-2.5	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	19
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	85	0.0	2000	60.2	0.0	-2.5	0.0	2.8	0.0	0.0	0.0	-12.0	0.0	13
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	67	0.0	63	60.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	80	0.0	125	60.2	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	17
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	84	0.0	250	60.2	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	18
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	87	0.0	500	60.2	0.0	-2.6	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	19
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	89	0.0	1000	60.2	0.0	-2.6	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	19
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	85	0.0	2000	60.2	0.0	-2.6	0.0	2.8	0.0	0.0	0.0	-12.0	0.0	13
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	67	0.0	63	60.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	80	0.0	125	60.3	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	18
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	84	0.0	250	60.3	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	18
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	87	0.0	500	60.3	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	19
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	89	0.0	1000	60.3	0.0	-2.9	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	20
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	85	0.0	2000	60.3	0.0	-2.9	0.0	2.8	0.0	0.0	0.0	-12.0	0.0	13
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	72	0.0	250	59.5	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	7
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	84	0.0	500	59.5	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	17
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	89	0.0	1000	59.5	0.0	-2.9	0.0	1.0	0.0	0.0	0.0	-10.9	0.0	21
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	87	0.0	2000	59.5	0.0	-2.9	0.0	2.6	0.0	0.0	0.0	-11.9	0.0	16
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	81	0.0	4000	59.5	0.0	-2.9	0.0	8.7	0.0	0.0	0.0	-12.9	0.0	3
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	67	0.0	63	60.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	8
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	80	0.0	125	60.7	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	17
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	84	0.0	250	60.7	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	18
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	87	0.0	500	60.7	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	19
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	89	0.0	1000	60.7	0.0	-2.9	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	19
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	85	0.0	2000	60.7	0.0	-2.9	0.0	2.9	0.0	0.0	0.0	-12.0	0.0	13
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	67	0.0	63	60.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	8
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	80	0.0	125	60.7	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	17
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	84	0.0	250	60.7	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	17
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	87	0.0	500	60.7	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	18
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	89	0.0	1000	60.7	0.0	-2.9	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	19
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	85	0.0	2000	60.7	0.0	-2.9	0.0	3.0	0.0	0.0	0.0	-12.0	0.0	13
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	67	0.0	63	60.9	0.0	-3.0	7.5	0.0	0.0	0.0	0.0	-1.0	0.0	0

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	80	0.0	125	60.9	0.0	-2.7	9.6	0.1	0.0	0.0	0.0	-4.8	0.0	7
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	84	0.0	250	60.9	0.0	-2.7	12.2	0.3	0.0	0.0	0.0	-8.8	0.0	5
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	87	0.0	500	60.9	0.0	-2.7	15.0	0.6	0.0	0.0	0.0	-10.0	0.0	3
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	89	0.0	1000	60.9	0.0	-2.7	17.9	1.1	0.0	0.0	0.0	-11.0	0.0	1
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	65	0.0	63	60.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	7
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	78	0.0	125	60.2	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	16
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	83	0.0	250	60.2	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	17
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	500	60.2	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	19
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	1000	60.2	0.0	-2.9	0.0	1.1	0.0	0.0	0.0	-10.9	0.0	18
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	85	0.0	2000	60.2	0.0	-2.9	0.0	2.8	0.0	0.0	0.0	-11.9	0.0	13
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	81	0.0	4000	60.2	0.0	-2.9	0.0	9.4	0.0	0.0	0.0	-12.9	0.0	1
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	67	0.0	63	61.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	8
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	80	0.0	125	61.0	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	17
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	84	0.0	250	61.0	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	17
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	87	0.0	500	61.0	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	18
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	89	0.0	1000	61.0	0.0	-2.9	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	19
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	85	0.0	2000	61.0	0.0	-2.9	0.0	3.0	0.0	0.0	0.0	-12.0	0.0	12
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	72	0.0	250	60.2	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	6
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	84	0.0	500	60.2	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	16
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	89	0.0	1000	60.2	0.0	-2.8	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	20
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	87	0.0	2000	60.2	0.0	-2.8	0.0	2.8	0.0	0.0	0.0	-12.0	0.0	15
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	81	0.0	4000	60.2	0.0	-2.8	0.0	9.5	0.0	0.0	0.0	-13.0	0.0	1
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	67	0.0	63	61.1	0.0	-3.0	7.7	0.0	0.0	0.0	0.0	-1.0	0.0	0
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	80	0.0	125	61.1	0.0	-2.7	9.8	0.1	0.0	0.0	0.0	-4.8	0.0	7
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	84	0.0	250	61.1	0.0	-2.7	12.4	0.3	0.0	0.0	0.0	-8.8	0.0	5
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	87	0.0	500	61.1	0.0	-2.7	15.3	0.6	0.0	0.0	0.0	-10.0	0.0	3
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	89	0.0	1000	61.1	0.0	-2.7	18.1	1.2	0.0	0.0	0.0	-11.0	0.0	0
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	84	0.0	500	60.8	0.0	-2.7	11.8	0.6	0.0	0.0	0.0	-10.0	0.0	3
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	89	0.0	1000	60.8	0.0	-2.7	14.4	1.1	0.0	0.0	0.0	-11.0	0.0	4
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	62	0.0	63	57.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	7
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	75	0.0	125	57.2	0.0	-1.8	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	15
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	250	57.2	0.0	-2.3	0.0	0.2	0.0	0.0	0.0	-8.7	0.0	17
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	83	0.0	500	57.2	0.0	-2.4	0.0	0.4	0.0	0.0	0.0	-9.9	0.0	18
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	82	0.0	1000	57.2	0.0	-2.4	0.0	0.7	0.0	0.0	0.0	-10.9	0.0	16
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	2000	57.2	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	-11.9	0.0	12
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	77	0.0	4000	57.2	0.0	-2.4	0.0	6.7	0.0	0.0	0.0	-12.9	0.0	3
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	76	0.0	125	58.0	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	16
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	79	0.0	250	58.0	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-8.7	0.0	15
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	84	0.0	500	58.0	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-9.9	0.0	19
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	83	0.0	1000	58.0	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-10.9	0.0	16
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	79	0.0	2000	58.0	0.0	-3.0	0.0	2.2	0.0	0.0	0.0	-11.9	0.0	10
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	61	0.0	63	58.3	0.0	-3.0	4.2	0.0	0.0	0.0	0.0	-1.0	0.0	0
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	74	0.0	125	58.3	0.0	-0.2	4.1	0.1	0.0	0.0	0.0	-4.8	0.0	7

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	79	0.0	250	58.3	0.0	-0.9	4.6	0.2	0.0	0.0	0.0	-8.8	0.0	8
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	83	0.0	500	58.3	0.0	-0.9	4.9	0.4	0.0	0.0	0.0	-10.0	0.0	10
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	82	0.0	1000	58.3	0.0	-0.9	5.3	0.8	0.0	0.0	0.0	-11.0	0.0	7
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	81	0.0	2000	58.3	0.0	-0.9	5.9	2.2	0.0	0.0	0.0	-12.0	0.0	4
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	80	0.0	125	63.6	0.0	-2.1	6.6	0.2	0.0	0.0	0.0	-4.9	0.0	7
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	84	0.0	250	63.6	0.0	-2.4	8.3	0.4	0.0	0.0	0.0	-8.9	0.0	6
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	87	0.0	500	63.6	0.0	-2.4	10.5	0.8	0.0	0.0	0.0	-10.0	0.0	4
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	89	0.0	1000	63.6	0.0	-2.4	12.9	1.6	0.0	0.0	0.0	-11.0	0.0	2
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	80	0.0	125	63.6	0.0	-1.8	6.5	0.2	0.0	0.0	0.0	-4.9	0.0	7
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	84	0.0	250	63.6	0.0	-2.2	8.2	0.4	0.0	0.0	0.0	-8.9	0.0	6
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	87	0.0	500	63.6	0.0	-2.3	10.4	0.8	0.0	0.0	0.0	-10.0	0.0	4
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	89	0.0	1000	63.6	0.0	-2.3	12.8	1.6	0.0	0.0	0.0	-11.0	0.0	2
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	76	0.0	125	59.1	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	15
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	79	0.0	250	59.1	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	14
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	84	0.0	500	59.1	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	17
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	83	0.0	1000	59.1	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	-10.9	0.0	15
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	79	0.0	2000	59.1	0.0	-2.9	0.0	2.4	0.0	0.0	0.0	-11.9	0.0	9
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	74	0.0	125	59.2	0.0	-0.3	4.2	0.1	0.0	0.0	0.0	-4.8	0.0	6
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	79	0.0	250	59.2	0.0	-1.0	4.7	0.3	0.0	0.0	0.0	-8.8	0.0	8
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	83	0.0	500	59.2	0.0	-1.0	5.1	0.5	0.0	0.0	0.0	-10.0	0.0	9
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	82	0.0	1000	59.2	0.0	-1.0	5.6	0.9	0.0	0.0	0.0	-11.0	0.0	6
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	81	0.0	2000	59.2	0.0	-1.0	6.4	2.5	0.0	0.0	0.0	-12.0	0.0	2
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	76	0.0	125	60.0	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	14
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	79	0.0	250	60.0	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	13
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	84	0.0	500	60.0	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	16
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	83	0.0	1000	60.0	0.0	-2.7	0.0	1.0	0.0	0.0	0.0	-10.9	0.0	14
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	79	0.0	2000	60.0	0.0	-2.7	0.0	2.7	0.0	0.0	0.0	-11.9	0.0	7
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	74	0.0	125	60.3	0.0	-0.2	4.1	0.1	0.0	0.0	0.0	-4.9	0.0	5
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	79	0.0	250	60.3	0.0	-1.0	4.6	0.3	0.0	0.0	0.0	-8.9	0.0	6
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	83	0.0	500	60.3	0.0	-1.0	5.0	0.6	0.0	0.0	0.0	-10.0	0.0	8
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	82	0.0	1000	60.3	0.0	-1.0	5.5	1.1	0.0	0.0	0.0	-11.0	0.0	5
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	81	0.0	2000	60.3	0.0	-1.0	6.2	2.8	0.0	0.0	0.0	-12.0	0.0	1
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	76	0.0	125	60.4	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	13
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	79	0.0	250	60.4	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	12
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	84	0.0	500	60.4	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	16
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	83	0.0	1000	60.4	0.0	-2.7	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	13
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	79	0.0	2000	60.4	0.0	-2.7	0.0	2.8	0.0	0.0	0.0	-12.0	0.0	7
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	76	0.0	125	60.4	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	13
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	79	0.0	250	60.4	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	12
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	84	0.0	500	60.4	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	16
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	83	0.0	1000	60.4	0.0	-2.7	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	13
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	79	0.0	2000	60.4	0.0	-2.7	0.0	2.9	0.0	0.0	0.0	-12.0	0.0	7
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	74	0.0	125	61.0	0.0	-0.2	4.1	0.1	0.0	0.0	0.0	-4.9	0.0	4

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	79	0.0	250	61.0	0.0	-0.9	4.7	0.3	0.0	0.0	0.0	-8.9	0.0	5
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	83	0.0	500	61.0	0.0	-0.9	5.1	0.6	0.0	0.0	0.0	-10.0	0.0	7
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	82	0.0	1000	61.0	0.0	-0.9	5.7	1.2	0.0	0.0	0.0	-11.0	0.0	4
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	62	0.0	63	58.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	6
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	70	0.0	125	58.5	0.0	-2.4	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	9
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	72	0.0	250	58.5	0.0	-2.6	0.0	0.2	0.0	0.0	0.0	-8.8	0.0	7
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	79	0.0	500	58.5	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	13
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	76	0.0	1000	58.5	0.0	-2.7	0.0	0.9	0.0	0.0	0.0	-10.9	0.0	8
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	75	0.0	2000	58.5	0.0	-2.7	0.0	2.3	0.0	0.0	0.0	-11.9	0.0	5
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	61	0.0	32	54.5	0.0	-3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	72	0.0	63	54.5	0.0	-3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	12
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	87	0.0	125	54.5	0.0	-2.7	2.9	0.1	0.0	0.0	0.0	0.0	0.0	26
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	91	0.0	250	54.5	0.0	-2.7	3.0	0.2	0.0	0.0	0.0	0.0	0.0	30
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	98	0.0	500	54.5	0.0	-2.7	3.0	0.3	0.0	0.0	0.0	0.0	0.0	37
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	100	0.0	1000	54.5	0.0	-2.7	3.1	0.5	0.0	0.0	0.0	0.0	0.0	39
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	99	0.0	2000	54.5	0.0	-2.7	3.3	1.4	0.0	0.0	0.0	0.0	0.0	36
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	94	0.0	4000	54.5	0.0	-2.7	3.7	4.9	0.0	0.0	0.0	0.0	0.0	28
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	85	0.0	8000	54.5	0.0	-2.7	4.4	17.4	0.0	0.0	0.0	0.0	0.0	5

Receiver: RP02
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	34

Receiver Name	Receiver ID	X	Y	Z
RP02	RP02	17652523.94 m	4786753.00 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L02	15-Ton Pass-by 2	17652527.7	4786961.5	1.5	0	52	7.8	125	57.4	0.0	-2.5	4.6	0.1	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652527.7	4786961.5	1.5	0	57	7.8	250	57.4	0.0	-2.5	4.8	0.2	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652527.7	4786961.5	1.5	0	63	7.8	500	57.4	0.0	-2.5	4.9	0.4	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652527.7	4786961.5	1.5	0	63	7.8	1000	57.4	0.0	-2.5	5.2	0.8	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652527.7	4786961.5	1.5	0	61	7.8	2000	57.4	0.0	-2.5	5.6	2.0	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652523.8	4786961.4	1.5	0	57	2.4	250	57.4	0.0	-2.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652523.8	4786961.4	1.5	0	63	2.4	500	57.4	0.0	-2.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652523.8	4786961.4	1.5	0	63	2.4	1000	57.4	0.0	-2.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652523.8	4786961.4	1.5	0	61	2.4	2000	57.4	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652600.8	4787020.4	1.5	0	57	15.0	250	59.9	0.0	-3.0	14.1	0.3	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652600.8	4787020.4	1.5	0	63	15.0	500	59.9	0.0	-3.0	17.0	0.5	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652600.8	4787020.4	1.5	0	63	15.0	1000	59.9	0.0	-3.0	19.7	1.0	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652579.6	4787028.1	1.5	0	57	13.0	250	60.0	0.0	-2.9	11.8	0.3	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652579.6	4787028.1	1.5	0	63	13.0	500	60.0	0.0	-2.9	14.5	0.5	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652579.6	4787028.1	1.5	0	63	13.0	1000	60.0	0.0	-2.9	17.2	1.0	0.0	0.0	0.0	0.0	0.0	0
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	84	0.0	125	56.0	0.0	-2.6	19.9	0.1	0.0	0.0	0.0	0.0	0.0	5
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	91	0.0	250	56.0	0.0	-2.6	22.9	0.2	0.0	0.0	0.0	0.0	0.0	8
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	500	56.0	0.0	-2.6	25.9	0.3	0.0	0.0	0.0	0.0	0.0	10
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	98	0.0	1000	56.0	0.0	-2.6	26.8	0.6	0.0	0.0	0.0	0.0	0.0	11
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	2000	56.0	0.0	-2.6	27.2	1.7	0.0	0.0	0.0	0.0	0.0	8
L04	5-Ton Pass-by 2	17652527.7	4786961.5	1.5	0	55	7.8	1000	57.4	0.0	-2.5	5.2	0.8	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652523.8	4786961.4	1.5	0	55	2.4	1000	57.4	0.0	-2.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	2
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	62	0.0	63	60.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	3
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	70	0.0	125	60.9	0.0	-2.1	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	7
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	72	0.0	250	60.9	0.0	-2.5	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	4
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	79	0.0	500	60.9	0.0	-2.6	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	10
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	76	0.0	1000	60.9	0.0	-2.6	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	5
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	75	0.0	2000	60.9	0.0	-2.6	0.0	3.0	0.0	0.0	0.0	-12.0	0.0	1
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	80	0.0	125	56.8	0.0	-2.7	16.5	0.1	0.0	0.0	0.0	0.0	0.0	3
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	250	56.8	0.0	-2.7	20.1	0.2	0.0	0.0	0.0	0.0	0.0	4
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	91	0.0	500	56.8	0.0	-2.7	23.4	0.4	0.0	0.0	0.0	0.0	0.0	7
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	92	0.0	1000	56.8	0.0	-2.7	25.3	0.7	0.0	0.0	0.0	0.0	0.0	6
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	90	0.0	2000	56.8	0.0	-2.7	26.3	1.9	0.0	0.0	0.0	0.0	0.0	1
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	81	0.0	125	55.8	0.0	-2.8	16.4	0.1	0.0	0.0	0.0	0.0	0.0	6
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	90	0.0	250	55.8	0.0	-2.8	19.9	0.2	0.0	0.0	0.0	0.0	0.0	10
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	500	55.8	0.0	-2.8	23.1	0.3	0.0	0.0	0.0	0.0	0.0	14
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	1000	55.8	0.0	-2.8	25.1	0.6	0.0	0.0	0.0	0.0	0.0	12
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	96	0.0	2000	55.8	0.0	-2.8	26.2	1.7	0.0	0.0	0.0	0.0	0.0	9
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	92	0.0	4000	55.8	0.0	-2.8	26.9	5.7	0.0	0.0	0.0	0.0	0.0	0
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	67	0.0	63	58.8	0.0	-3.0	4.8	0.0	0.0	0.0	0.0	-0.9	0.0	5
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	80	0.0	125	58.8	0.0	-1.2	5.3	0.1	0.0	0.0	0.0	-4.8	0.0	12
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	84	0.0	250	58.8	0.0	-2.0	6.1	0.3	0.0	0.0	0.0	-8.8	0.0	13
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	87	0.0	500	58.8	0.0	-2.2	7.2	0.5	0.0	0.0	0.0	-9.9	0.0	13

Receiver: RP02
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	34

Receiver Name	Receiver ID	X	Y	Z
RP02	RP02	17652523.94 m	4786753.00 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	89	0.0	1000	58.8	0.0	-2.2	8.8	0.9	0.0	0.0	0.0	-10.9	0.0	12
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	85	0.0	2000	58.8	0.0	-2.2	10.9	2.4	0.0	0.0	0.0	-11.9	0.0	3
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	54.7	0.0	-2.8	13.9	0.1	0.0	0.0	0.0	-4.6	0.0	6
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	250	54.7	0.0	-2.9	16.9	0.2	0.0	0.0	0.0	-8.6	0.0	2
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	84	0.0	500	54.7	0.0	-2.9	19.9	0.3	0.0	0.0	0.0	-9.9	0.0	2
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	84	0.0	500	58.9	0.0	-2.4	8.9	0.5	0.0	0.0	0.0	-9.9	0.0	8
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	89	0.0	1000	58.9	0.0	-2.4	10.9	0.9	0.0	0.0	0.0	-10.9	0.0	10
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	87	0.0	2000	58.9	0.0	-2.4	13.3	2.4	0.0	0.0	0.0	-11.9	0.0	3
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	80	0.0	125	59.8	0.0	-2.8	14.8	0.1	0.0	0.0	0.0	-4.8	0.0	3
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	84	0.0	250	59.8	0.0	-2.9	18.2	0.3	0.0	0.0	0.0	-8.8	0.0	0
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	55.0	0.0	-2.6	14.1	0.1	0.0	0.0	0.0	-4.6	0.0	5
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	250	55.0	0.0	-2.8	17.3	0.2	0.0	0.0	0.0	-8.6	0.0	1
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	84	0.0	500	55.0	0.0	-2.8	20.3	0.3	0.0	0.0	0.0	-9.9	0.0	1
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	67	0.0	63	60.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	9
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	80	0.0	125	60.0	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	18
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	84	0.0	250	60.0	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	18
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	87	0.0	500	60.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	19
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	89	0.0	1000	60.0	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-10.9	0.0	20
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	85	0.0	2000	60.0	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-11.9	0.0	14
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	80	0.0	125	60.1	0.0	-2.9	14.3	0.1	0.0	0.0	0.0	-4.8	0.0	4
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	84	0.0	250	60.1	0.0	-2.9	17.7	0.3	0.0	0.0	0.0	-8.8	0.0	1
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	80	0.0	125	60.1	0.0	-2.3	15.4	0.1	0.0	0.0	0.0	-4.8	0.0	2
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	80	0.0	125	60.2	0.0	-2.9	14.5	0.1	0.0	0.0	0.0	-4.8	0.0	3
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	84	0.0	250	60.2	0.0	-2.9	17.9	0.3	0.0	0.0	0.0	-8.8	0.0	0
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	67	0.0	63	60.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	80	0.0	125	60.2	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	18
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	84	0.0	250	60.2	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	18
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	87	0.0	500	60.2	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	19
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	89	0.0	1000	60.2	0.0	-3.0	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	20
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	85	0.0	2000	60.2	0.0	-3.0	0.0	2.8	0.0	0.0	0.0	-12.0	0.0	13
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	72	0.0	250	60.2	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	6
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	84	0.0	500	60.2	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	16
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	89	0.0	1000	60.2	0.0	-2.8	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	20
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	87	0.0	2000	60.2	0.0	-2.8	0.0	2.8	0.0	0.0	0.0	-12.0	0.0	15
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	81	0.0	4000	60.2	0.0	-2.8	0.0	9.5	0.0	0.0	0.0	-13.0	0.0	1
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	80	0.0	125	61.1	0.0	-2.8	15.6	0.1	0.0	0.0	0.0	-4.8	0.0	1
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	67	0.0	63	61.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	8
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	80	0.0	125	61.3	0.0	-1.5	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	15
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	84	0.0	250	61.3	0.0	-2.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	16
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	87	0.0	500	61.3	0.0	-2.1	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	17
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	89	0.0	1000	61.3	0.0	-2.1	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	18
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	85	0.0	2000	61.3	0.0	-2.1	0.0	3.2	0.0	0.0	0.0	-12.0	0.0	11
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	67	0.0	63	61.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	7

Receiver: RP02
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	34

Receiver Name	Receiver ID	X	Y	Z
RP02	RP02	17652523.94 m	4786753.00 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	80	0.0	125	61.4	0.0	-1.9	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	15
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	84	0.0	250	61.4	0.0	-2.2	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	16
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	87	0.0	500	61.4	0.0	-2.3	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	17
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	89	0.0	1000	61.4	0.0	-2.3	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	18
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	85	0.0	2000	61.4	0.0	-2.3	0.0	3.2	0.0	0.0	0.0	-12.0	0.0	11
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	67	0.0	63	61.4	0.0	-3.0	4.1	0.0	0.0	0.0	0.0	-1.0	0.0	3
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	80	0.0	125	61.4	0.0	-2.7	4.5	0.1	0.0	0.0	0.0	-4.8	0.0	12
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	84	0.0	250	61.4	0.0	-2.7	4.7	0.3	0.0	0.0	0.0	-8.8	0.0	12
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	87	0.0	500	61.4	0.0	-2.7	4.9	0.6	0.0	0.0	0.0	-10.0	0.0	13
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	89	0.0	1000	61.4	0.0	-2.7	5.1	1.2	0.0	0.0	0.0	-11.0	0.0	13
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	85	0.0	2000	61.4	0.0	-2.7	5.4	3.2	0.0	0.0	0.0	-12.0	0.0	6
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	67	0.0	63	61.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	7
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	80	0.0	125	61.4	0.0	-2.4	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	16
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	84	0.0	250	61.4	0.0	-2.5	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	16
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	87	0.0	500	61.4	0.0	-2.5	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	17
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	89	0.0	1000	61.4	0.0	-2.5	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	18
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	85	0.0	2000	61.4	0.0	-2.5	0.0	3.2	0.0	0.0	0.0	-12.0	0.0	11
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	80	0.0	125	61.5	0.0	-2.8	15.5	0.1	0.0	0.0	0.0	-4.8	0.0	1
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	80	0.0	125	61.5	0.0	-2.8	15.5	0.1	0.0	0.0	0.0	-4.8	0.0	1
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	80	0.0	125	61.8	0.0	-2.8	15.6	0.1	0.0	0.0	0.0	-4.8	0.0	0
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	72	0.0	250	61.4	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	5
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	84	0.0	500	61.4	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	15
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	89	0.0	1000	61.4	0.0	-2.8	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	18
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	87	0.0	2000	61.4	0.0	-2.8	0.0	3.2	0.0	0.0	0.0	-12.0	0.0	14
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	84	0.0	500	61.4	0.0	-2.8	10.3	0.6	0.0	0.0	0.0	-10.0	0.0	4
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	89	0.0	1000	61.4	0.0	-2.8	12.7	1.2	0.0	0.0	0.0	-11.0	0.0	6
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	67	0.0	63	63.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	6
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	80	0.0	125	63.3	0.0	-2.8	0.0	0.2	0.0	0.0	0.0	-4.9	0.0	14
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	84	0.0	250	63.3	0.0	-2.8	0.0	0.4	0.0	0.0	0.0	-8.9	0.0	15
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	87	0.0	500	63.3	0.0	-2.8	0.0	0.8	0.0	0.0	0.0	-10.0	0.0	16
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	89	0.0	1000	63.3	0.0	-2.8	0.0	1.5	0.0	0.0	0.0	-11.0	0.0	16
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	85	0.0	2000	63.3	0.0	-2.8	0.0	4.0	0.0	0.0	0.0	-12.0	0.0	9
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	67	0.0	63	63.3	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-1.0	0.0	6
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	80	0.0	125	63.3	0.0	-2.6	0.0	0.2	0.0	0.0	0.0	-4.9	0.0	14
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	84	0.0	250	63.3	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	-8.9	0.0	15
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	87	0.0	500	63.3	0.0	-2.8	0.0	0.8	0.0	0.0	0.0	-10.0	0.0	16
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	89	0.0	1000	63.3	0.0	-2.8	0.0	1.5	0.0	0.0	0.0	-11.0	0.0	16
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	85	0.0	2000	63.3	0.0	-2.8	0.0	4.0	0.0	0.0	0.0	-12.0	0.0	9
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	75	0.0	125	58.8	0.0	-1.8	6.8	0.1	0.0	0.0	0.0	-4.8	0.0	6
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	250	58.8	0.0	-2.3	8.5	0.3	0.0	0.0	0.0	-8.8	0.0	6
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	83	0.0	500	58.8	0.0	-2.4	10.6	0.5	0.0	0.0	0.0	-9.9	0.0	5
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	82	0.0	1000	58.8	0.0	-2.4	13.0	0.9	0.0	0.0	0.0	-10.9	0.0	1
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	76	0.0	125	59.4	0.0	-3.0	13.0	0.1	0.0	0.0	0.0	-4.8	0.0	2

Receiver: RP02
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	34

Receiver Name	Receiver ID	X	Y	Z
RP02	RP02	17652523.94 m	4786753.00 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	76	0.0	125	61.2	0.0	-2.7	4.6	0.1	0.0	0.0	0.0	-4.8	0.0	8
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	79	0.0	250	61.2	0.0	-2.7	4.8	0.3	0.0	0.0	0.0	-8.8	0.0	7
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	84	0.0	500	61.2	0.0	-2.7	5.1	0.6	0.0	0.0	0.0	-10.0	0.0	10
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	83	0.0	1000	61.2	0.0	-2.7	5.5	1.2	0.0	0.0	0.0	-11.0	0.0	7
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	76	0.0	125	61.5	0.0	-2.7	4.5	0.1	0.0	0.0	0.0	-4.8	0.0	8
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	79	0.0	250	61.5	0.0	-2.7	4.7	0.4	0.0	0.0	0.0	-8.8	0.0	6
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	84	0.0	500	61.5	0.0	-2.7	4.9	0.6	0.0	0.0	0.0	-10.0	0.0	10
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	83	0.0	1000	61.5	0.0	-2.7	5.1	1.2	0.0	0.0	0.0	-11.0	0.0	7
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	76	0.0	125	61.5	0.0	-2.7	5.1	0.1	0.0	0.0	0.0	-4.8	0.0	7
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	79	0.0	250	61.5	0.0	-2.7	5.6	0.4	0.0	0.0	0.0	-8.8	0.0	5
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	84	0.0	500	61.5	0.0	-2.7	6.5	0.6	0.0	0.0	0.0	-10.0	0.0	8
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	83	0.0	1000	61.5	0.0	-2.7	7.8	1.2	0.0	0.0	0.0	-11.0	0.0	4
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	76	0.0	125	61.8	0.0	-1.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	10
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	250	61.8	0.0	-2.0	0.0	0.4	0.0	0.0	0.0	-8.8	0.0	10
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	84	0.0	500	61.8	0.0	-2.2	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	14
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	83	0.0	1000	61.8	0.0	-2.2	0.0	1.3	0.0	0.0	0.0	-11.0	0.0	11
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	2000	61.8	0.0	-2.2	0.0	3.3	0.0	0.0	0.0	-12.0	0.0	4
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	76	0.0	125	62.2	0.0	-1.6	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	10
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	250	62.2	0.0	-2.3	0.0	0.4	0.0	0.0	0.0	-8.8	0.0	10
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	84	0.0	500	62.2	0.0	-2.4	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	14
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	83	0.0	1000	62.2	0.0	-2.4	0.0	1.3	0.0	0.0	0.0	-11.0	0.0	11
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	2000	62.2	0.0	-2.4	0.0	3.5	0.0	0.0	0.0	-12.0	0.0	4
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	87	0.0	125	56.0	0.0	-2.6	19.9	0.1	0.0	0.0	0.0	0.0	0.0	7
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	91	0.0	250	56.0	0.0	-2.6	22.9	0.2	0.0	0.0	0.0	0.0	0.0	9
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	98	0.0	500	56.0	0.0	-2.6	25.9	0.3	0.0	0.0	0.0	0.0	0.0	13
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	100	0.0	1000	56.0	0.0	-2.6	26.8	0.7	0.0	0.0	0.0	0.0	0.0	13
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	99	0.0	2000	56.0	0.0	-2.6	27.2	1.7	0.0	0.0	0.0	0.0	0.0	11
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	94	0.0	4000	56.0	0.0	-2.6	27.4	5.8	0.0	0.0	0.0	0.0	0.0	1

Receiver: RP03
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	32

Receiver Name	Receiver ID	X	Y	Z
RP03	RP03	17652529.24 m	4786741.01 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	84	0.0	125	56.2	0.0	-2.6	21.3	0.1	0.0	0.0	0.0	0.0	0.0	3
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	91	0.0	250	56.2	0.0	-2.6	24.2	0.2	0.0	0.0	0.0	0.0	0.0	7
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	500	56.2	0.0	-2.6	27.2	0.3	0.0	0.0	0.0	0.0	0.0	9
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	98	0.0	1000	56.2	0.0	-2.6	27.6	0.7	0.0	0.0	0.0	0.0	0.0	10
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	2000	56.2	0.0	-2.6	27.6	1.8	0.0	0.0	0.0	0.0	0.0	7
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	62	0.0	63	60.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	3
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	70	0.0	125	60.8	0.0	-2.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	7
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	72	0.0	250	60.8	0.0	-2.5	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	4
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	79	0.0	500	60.8	0.0	-2.6	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	11
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	76	0.0	1000	60.8	0.0	-2.6	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	6
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	75	0.0	2000	60.8	0.0	-2.6	0.0	3.0	0.0	0.0	0.0	-12.0	0.0	2
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	80	0.0	125	57.1	0.0	-2.7	16.6	0.1	0.0	0.0	0.0	0.0	0.0	3
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	250	57.1	0.0	-2.7	20.5	0.2	0.0	0.0	0.0	0.0	0.0	4
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	91	0.0	500	57.1	0.0	-2.7	24.6	0.4	0.0	0.0	0.0	0.0	0.0	5
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	92	0.0	1000	57.1	0.0	-2.7	26.7	0.7	0.0	0.0	0.0	0.0	0.0	4
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	90	0.0	2000	57.1	0.0	-2.7	27.2	1.9	0.0	0.0	0.0	0.0	0.0	0
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	81	0.0	125	56.1	0.0	-2.7	17.1	0.1	0.0	0.0	0.0	0.0	0.0	4
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	90	0.0	250	56.1	0.0	-2.7	21.2	0.2	0.0	0.0	0.0	0.0	0.0	9
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	500	56.1	0.0	-2.7	25.3	0.3	0.0	0.0	0.0	0.0	0.0	11
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	1000	56.1	0.0	-2.7	27.1	0.7	0.0	0.0	0.0	0.0	0.0	9
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	96	0.0	2000	56.1	0.0	-2.7	27.4	1.7	0.0	0.0	0.0	0.0	0.0	7
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	80	0.0	125	59.2	0.0	-1.4	15.2	0.1	0.0	0.0	0.0	-4.8	0.0	2
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	67	0.0	63	59.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	9
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	80	0.0	125	59.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	18
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	84	0.0	250	59.9	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	18
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	87	0.0	500	59.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	19
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	89	0.0	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-10.9	0.0	20
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	85	0.0	2000	59.9	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-11.9	0.0	14
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	80	0.0	125	60.0	0.0	-2.7	12.8	0.1	0.0	0.0	0.0	-4.8	0.0	5
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	84	0.0	250	60.0	0.0	-2.8	16.6	0.3	0.0	0.0	0.0	-8.8	0.0	2
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	55.2	0.0	-2.8	16.4	0.1	0.0	0.0	0.0	-4.6	0.0	3
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	67	0.0	63	60.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	9
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	80	0.0	125	60.1	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	18
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	84	0.0	250	60.1	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	18
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	87	0.0	500	60.1	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	19
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	89	0.0	1000	60.1	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-10.9	0.0	20
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	85	0.0	2000	60.1	0.0	-3.0	0.0	2.8	0.0	0.0	0.0	-11.9	0.0	13
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	80	0.0	125	60.3	0.0	-2.3	11.8	0.1	0.0	0.0	0.0	-4.8	0.0	5
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	84	0.0	250	60.3	0.0	-2.5	15.5	0.3	0.0	0.0	0.0	-8.8	0.0	2
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	55.4	0.0	-2.4	15.9	0.1	0.0	0.0	0.0	-4.7	0.0	2
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	80	0.0	125	60.3	0.0	-2.9	13.1	0.1	0.0	0.0	0.0	-4.8	0.0	5
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	84	0.0	250	60.3	0.0	-2.9	16.9	0.3	0.0	0.0	0.0	-8.8	0.0	1
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	80	0.0	125	60.4	0.0	-2.9	13.0	0.1	0.0	0.0	0.0	-4.8	0.0	5

Receiver: RP03
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	32

Receiver Name	Receiver ID	X	Y	Z
RP03	RP03	17652529.24 m	4786741.01 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	84	0.0	250	60.4	0.0	-2.9	16.8	0.3	0.0	0.0	0.0	-8.8	0.0	1
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	72	0.0	250	60.3	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	6
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	84	0.0	500	60.3	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	16
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	89	0.0	1000	60.3	0.0	-3.0	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	20
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	87	0.0	2000	60.3	0.0	-3.0	0.0	2.8	0.0	0.0	0.0	-12.0	0.0	15
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	81	0.0	4000	60.3	0.0	-3.0	0.0	9.5	0.0	0.0	0.0	-13.0	0.0	1
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	80	0.0	125	61.2	0.0	-2.8	11.3	0.1	0.0	0.0	0.0	-4.8	0.0	5
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	84	0.0	250	61.2	0.0	-2.8	14.8	0.3	0.0	0.0	0.0	-8.8	0.0	2
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	80	0.0	125	61.6	0.0	-2.8	11.5	0.1	0.0	0.0	0.0	-4.8	0.0	5
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	84	0.0	250	61.6	0.0	-2.8	15.1	0.4	0.0	0.0	0.0	-8.8	0.0	1
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	80	0.0	125	61.6	0.0	-2.8	11.5	0.1	0.0	0.0	0.0	-4.8	0.0	5
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	84	0.0	250	61.6	0.0	-2.8	15.0	0.4	0.0	0.0	0.0	-8.8	0.0	1
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	80	0.0	125	61.6	0.0	-1.6	13.5	0.1	0.0	0.0	0.0	-4.8	0.0	1
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	80	0.0	125	61.7	0.0	-2.8	15.7	0.1	0.0	0.0	0.0	-4.8	0.0	0
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	80	0.0	125	61.7	0.0	-2.2	13.7	0.1	0.0	0.0	0.0	-4.8	0.0	2
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	80	0.0	125	61.7	0.0	-2.6	13.8	0.1	0.0	0.0	0.0	-4.8	0.0	2
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	78	0.0	125	61.1	0.0	-2.8	11.4	0.1	0.0	0.0	0.0	-4.8	0.0	3
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	83	0.0	250	61.1	0.0	-2.8	14.9	0.3	0.0	0.0	0.0	-8.8	0.0	1
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	80	0.0	125	61.9	0.0	-2.8	11.7	0.1	0.0	0.0	0.0	-4.8	0.0	4
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	84	0.0	250	61.9	0.0	-2.8	15.3	0.4	0.0	0.0	0.0	-8.8	0.0	1
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	72	0.0	250	61.2	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	5
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	84	0.0	500	61.2	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	15
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	89	0.0	1000	61.2	0.0	-2.7	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	18
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	87	0.0	2000	61.2	0.0	-2.7	0.0	3.1	0.0	0.0	0.0	-12.0	0.0	14
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	67	0.0	63	63.3	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-1.0	0.0	6
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	80	0.0	125	63.3	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-4.9	0.0	15
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	84	0.0	250	63.3	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-8.9	0.0	15
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	87	0.0	500	63.3	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-10.0	0.0	16
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	89	0.0	1000	63.3	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-11.0	0.0	16
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	85	0.0	2000	63.3	0.0	-3.0	0.0	4.0	0.0	0.0	0.0	-12.0	0.0	9
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	67	0.0	63	63.3	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-1.0	0.0	6
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	80	0.0	125	63.3	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-4.9	0.0	15
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	84	0.0	250	63.3	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-8.9	0.0	15
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	87	0.0	500	63.3	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-10.0	0.0	16
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	89	0.0	1000	63.3	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-11.0	0.0	16
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	85	0.0	2000	63.3	0.0	-3.0	0.0	4.0	0.0	0.0	0.0	-12.0	0.0	9
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	74	0.0	125	58.9	0.0	-0.3	8.8	0.1	0.0	0.0	0.0	-4.8	0.0	2
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	79	0.0	250	58.9	0.0	-1.0	12.2	0.3	0.0	0.0	0.0	-8.8	0.0	0
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	74	0.0	125	59.7	0.0	-0.4	8.6	0.1	0.0	0.0	0.0	-4.9	0.0	1
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	76	0.0	125	59.7	0.0	-2.7	13.5	0.1	0.0	0.0	0.0	-4.8	0.0	1
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	76	0.0	125	60.5	0.0	-2.9	12.9	0.1	0.0	0.0	0.0	-4.8	0.0	1
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	74	0.0	125	60.8	0.0	-0.3	8.4	0.1	0.0	0.0	0.0	-4.9	0.0	0
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	76	0.0	125	61.6	0.0	-1.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	10

Receiver: RP03
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	32

Receiver Name	Receiver ID	X	Y	Z
RP03	RP03	17652529.24 m	4786741.01 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	250	61.6	0.0	-1.9	0.0	0.4	0.0	0.0	0.0	-8.8	0.0	10
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	84	0.0	500	61.6	0.0	-2.1	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	14
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	83	0.0	1000	61.6	0.0	-2.1	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	11
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	2000	61.6	0.0	-2.1	0.0	3.3	0.0	0.0	0.0	-12.0	0.0	4
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	76	0.0	125	62.1	0.0	-1.5	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	10
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	250	62.1	0.0	-2.2	0.0	0.4	0.0	0.0	0.0	-8.8	0.0	10
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	84	0.0	500	62.1	0.0	-2.4	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	14
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	83	0.0	1000	62.1	0.0	-2.4	0.0	1.3	0.0	0.0	0.0	-11.0	0.0	11
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	2000	62.1	0.0	-2.4	0.0	3.5	0.0	0.0	0.0	-12.0	0.0	4
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	87	0.0	125	56.2	0.0	-2.6	21.3	0.1	0.0	0.0	0.0	0.0	0.0	6
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	91	0.0	250	56.2	0.0	-2.6	24.2	0.2	0.0	0.0	0.0	0.0	0.0	7
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	98	0.0	500	56.2	0.0	-2.6	27.2	0.4	0.0	0.0	0.0	0.0	0.0	11
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	100	0.0	1000	56.2	0.0	-2.6	27.6	0.7	0.0	0.0	0.0	0.0	0.0	12
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	99	0.0	2000	56.2	0.0	-2.6	27.6	1.8	0.0	0.0	0.0	0.0	0.0	10
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	94	0.0	4000	56.2	0.0	-2.6	27.6	6.0	0.0	0.0	0.0	0.0	0.0	1

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP04	RP04	17652560.55 m	4786810.62 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L01	15-Ton Pass-by	17652672.5	4786882.7	1.5	0	52	9.1	125	53.5	0.0	-2.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652672.5	4786882.7	1.5	0	57	9.1	250	53.5	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	15
L01	15-Ton Pass-by	17652672.5	4786882.7	1.5	0	63	9.1	500	53.5	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	21
L01	15-Ton Pass-by	17652672.5	4786882.7	1.5	0	63	9.1	1000	53.5	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	20
L01	15-Ton Pass-by	17652672.5	4786882.7	1.5	0	61	9.1	2000	53.5	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	18
L01	15-Ton Pass-by	17652672.5	4786882.7	1.5	0	55	9.1	4000	53.5	0.0	-2.6	0.0	4.4	0.0	0.0	0.0	0.0	0.0	9
L01	15-Ton Pass-by	17652656.6	4786882.7	1.5	0	41	13.8	63	52.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
L01	15-Ton Pass-by	17652656.6	4786882.7	1.5	0	52	13.8	125	52.6	0.0	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16
L01	15-Ton Pass-by	17652656.6	4786882.7	1.5	0	57	13.8	250	52.6	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	21
L01	15-Ton Pass-by	17652656.6	4786882.7	1.5	0	63	13.8	500	52.6	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	26
L01	15-Ton Pass-by	17652656.6	4786882.7	1.5	0	63	13.8	1000	52.6	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	26
L01	15-Ton Pass-by	17652656.6	4786882.7	1.5	0	61	13.8	2000	52.6	0.0	-2.7	0.0	1.2	0.0	0.0	0.0	0.0	0.0	23
L01	15-Ton Pass-by	17652656.6	4786882.7	1.5	0	55	13.8	4000	52.6	0.0	-2.7	0.0	3.9	0.0	0.0	0.0	0.0	0.0	15
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	41	10.4	63	53.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	52	10.4	125	53.6	0.0	-2.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	11
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	57	10.4	250	53.6	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	16
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	63	10.4	500	53.6	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	22
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	63	10.4	1000	53.6	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	22
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	61	10.4	2000	53.6	0.0	-2.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	19
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	55	10.4	4000	53.6	0.0	-2.7	0.0	4.4	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652679.0	4786877.7	1.5	0	41	10.1	63	53.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
L01	15-Ton Pass-by	17652679.0	4786877.7	1.5	0	52	10.1	125	53.7	0.0	-2.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	11
L01	15-Ton Pass-by	17652679.0	4786877.7	1.5	0	57	10.1	250	53.7	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	16
L01	15-Ton Pass-by	17652679.0	4786877.7	1.5	0	63	10.1	500	53.7	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	22
L01	15-Ton Pass-by	17652679.0	4786877.7	1.5	0	63	10.1	1000	53.7	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	21
L01	15-Ton Pass-by	17652679.0	4786877.7	1.5	0	61	10.1	2000	53.7	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	18
L01	15-Ton Pass-by	17652679.0	4786877.7	1.5	0	55	10.1	4000	53.7	0.0	-2.6	0.0	4.5	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652676.7	4786882.5	1.5	0	57	-3.7	250	53.7	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2
L01	15-Ton Pass-by	17652676.7	4786882.5	1.5	0	63	-3.7	500	53.7	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	8
L01	15-Ton Pass-by	17652676.7	4786882.5	1.5	0	63	-3.7	1000	53.7	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	7
L01	15-Ton Pass-by	17652676.7	4786882.5	1.5	0	61	-3.7	2000	53.7	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	5
L01	15-Ton Pass-by	17652683.7	4786866.8	1.5	0	52	3.2	125	53.6	0.0	-2.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	4
L01	15-Ton Pass-by	17652683.7	4786866.8	1.5	0	57	3.2	250	53.6	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	9
L01	15-Ton Pass-by	17652683.7	4786866.8	1.5	0	63	3.2	500	53.6	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	15
L01	15-Ton Pass-by	17652683.7	4786866.8	1.5	0	63	3.2	1000	53.6	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	14
L01	15-Ton Pass-by	17652683.7	4786866.8	1.5	0	61	3.2	2000	53.6	0.0	-2.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652683.7	4786866.8	1.5	0	55	3.2	4000	53.6	0.0	-2.7	0.0	4.4	0.0	0.0	0.0	0.0	0.0	3
L01	15-Ton Pass-by	17652682.7	4786869.6	1.5	0	52	5.9	125	53.7	0.0	-2.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	7
L01	15-Ton Pass-by	17652682.7	4786869.6	1.5	0	57	5.9	250	53.7	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652682.7	4786869.6	1.5	0	63	5.9	500	53.7	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	17
L01	15-Ton Pass-by	17652682.7	4786869.6	1.5	0	63	5.9	1000	53.7	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	17
L01	15-Ton Pass-by	17652682.7	4786869.6	1.5	0	61	5.9	2000	53.7	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	14
L01	15-Ton Pass-by	17652682.7	4786869.6	1.5	0	55	5.9	4000	53.7	0.0	-2.6	0.0	4.4	0.0	0.0	0.0	0.0	0.0	6

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP04	RP04	17652560.55 m	4786810.62 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L01	15-Ton Pass-by	17652681.6	4786872.3	1.5	0	52	2.7	125	53.7	0.0	-2.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	3
L01	15-Ton Pass-by	17652681.6	4786872.3	1.5	0	57	2.7	250	53.7	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	8
L01	15-Ton Pass-by	17652681.6	4786872.3	1.5	0	63	2.7	500	53.7	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	14
L01	15-Ton Pass-by	17652681.6	4786872.3	1.5	0	63	2.7	1000	53.7	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	14
L01	15-Ton Pass-by	17652681.6	4786872.3	1.5	0	61	2.7	2000	53.7	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	11
L01	15-Ton Pass-by	17652681.6	4786872.3	1.5	0	55	2.7	4000	53.7	0.0	-2.6	0.0	4.5	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652649.9	4786967.3	1.5	0	52	15.6	125	56.1	0.0	-2.7	7.5	0.1	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652649.9	4786967.3	1.5	0	57	15.6	250	56.1	0.0	-2.9	7.7	0.2	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652649.9	4786967.3	1.5	0	63	15.6	500	56.1	0.0	-2.9	7.7	0.3	0.0	0.0	0.0	0.0	0.0	17
L02	15-Ton Pass-by 2	17652649.9	4786967.3	1.5	0	63	15.6	1000	56.1	0.0	-2.9	7.8	0.7	0.0	0.0	0.0	0.0	0.0	16
L02	15-Ton Pass-by 2	17652649.9	4786967.3	1.5	0	61	15.6	2000	56.1	0.0	-2.9	8.0	1.7	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652649.9	4786967.3	1.5	0	55	15.6	4000	56.1	0.0	-2.9	8.4	5.9	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652629.9	4786966.3	1.5	0	52	6.1	125	55.6	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652629.9	4786966.3	1.5	0	57	6.1	250	55.6	0.0	-2.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652629.9	4786966.3	1.5	0	63	6.1	500	55.6	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	16
L02	15-Ton Pass-by 2	17652629.9	4786966.3	1.5	0	63	6.1	1000	55.6	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652629.9	4786966.3	1.5	0	61	6.1	2000	55.6	0.0	-2.8	0.0	1.6	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652629.9	4786966.3	1.5	0	55	6.1	4000	55.6	0.0	-2.8	0.0	5.6	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652624.0	4786966.1	1.5	0	52	8.8	125	55.5	0.0	-2.7	3.3	0.1	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652624.0	4786966.1	1.5	0	57	8.8	250	55.5	0.0	-2.8	3.8	0.2	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652624.0	4786966.1	1.5	0	63	8.8	500	55.5	0.0	-2.8	4.4	0.3	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652624.0	4786966.1	1.5	0	63	8.8	1000	55.5	0.0	-2.8	5.1	0.6	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652624.0	4786966.1	1.5	0	61	8.8	2000	55.5	0.0	-2.8	5.9	1.6	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652587.6	4786964.4	1.5	0	52	18.1	125	54.9	0.0	-2.8	7.9	0.1	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652587.6	4786964.4	1.5	0	57	18.1	250	54.9	0.0	-2.9	8.3	0.2	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652587.6	4786964.4	1.5	0	63	18.1	500	54.9	0.0	-2.9	8.8	0.3	0.0	0.0	0.0	0.0	0.0	20
L02	15-Ton Pass-by 2	17652587.6	4786964.4	1.5	0	63	18.1	1000	54.9	0.0	-2.9	9.6	0.6	0.0	0.0	0.0	0.0	0.0	19
L02	15-Ton Pass-by 2	17652587.6	4786964.4	1.5	0	61	18.1	2000	54.9	0.0	-2.9	10.9	1.5	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652587.6	4786964.4	1.5	0	55	18.1	4000	54.9	0.0	-2.9	12.8	5.1	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652538.9	4786962.1	1.5	0	52	15.1	125	54.7	0.0	-3.0	7.8	0.1	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652538.9	4786962.1	1.5	0	57	15.1	250	54.7	0.0	-3.0	8.5	0.2	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652538.9	4786962.1	1.5	0	63	15.1	500	54.7	0.0	-3.0	9.4	0.3	0.0	0.0	0.0	0.0	0.0	16
L02	15-Ton Pass-by 2	17652538.9	4786962.1	1.5	0	63	15.1	1000	54.7	0.0	-3.0	10.7	0.6	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652538.9	4786962.1	1.5	0	61	15.1	2000	54.7	0.0	-3.0	12.5	1.5	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652600.1	4787020.3	1.5	0	52	14.8	125	57.6	0.0	-2.8	7.6	0.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652600.1	4787020.3	1.5	0	57	14.8	250	57.6	0.0	-2.9	7.7	0.2	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652600.1	4787020.3	1.5	0	63	14.8	500	57.6	0.0	-2.9	7.7	0.4	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652600.1	4787020.3	1.5	0	63	14.8	1000	57.6	0.0	-2.9	7.7	0.8	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652600.1	4787020.3	1.5	0	61	14.8	2000	57.6	0.0	-2.9	7.7	2.1	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652600.1	4787020.3	1.5	0	55	14.8	4000	57.6	0.0	-2.9	7.7	7.0	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652628.6	4787021.4	1.5	0	52	14.2	125	57.9	0.0	-2.7	8.2	0.1	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652628.6	4787021.4	1.5	0	57	14.2	250	57.9	0.0	-2.9	8.9	0.2	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652628.6	4787021.4	1.5	0	63	14.2	500	57.9	0.0	-2.9	9.9	0.4	0.0	0.0	0.0	0.0	0.0	12

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP04	RP04	17652560.55 m	4786810.62 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L02	15-Ton Pass-by 2	17652628.6	4787021.4	1.5	0	63	14.2	1000	57.9	0.0	-2.9	11.4	0.8	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652628.6	4787021.4	1.5	0	61	14.2	2000	57.9	0.0	-2.9	13.4	2.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652646.9	4787022.0	1.5	0	57	10.1	250	58.2	0.0	-2.9	8.9	0.2	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652646.9	4787022.0	1.5	0	63	10.1	500	58.2	0.0	-2.9	9.8	0.4	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652646.9	4787022.0	1.5	0	63	10.1	1000	58.2	0.0	-2.9	11.3	0.8	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652654.4	4787022.3	1.5	0	63	6.9	500	58.3	0.0	-2.9	9.8	0.4	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652654.4	4787022.3	1.5	0	63	6.9	1000	58.3	0.0	-2.9	11.2	0.8	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652659.4	4787022.5	1.5	0	63	7.1	500	58.4	0.0	-2.9	9.8	0.5	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652659.4	4787022.5	1.5	0	63	7.1	1000	58.4	0.0	-2.9	11.2	0.9	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652675.6	4787023.1	1.5	0	52	14.3	125	58.7	0.0	-2.7	8.1	0.1	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652675.6	4787023.1	1.5	0	57	14.3	250	58.7	0.0	-2.9	8.8	0.3	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652675.6	4787023.1	1.5	0	63	14.3	500	58.7	0.0	-2.9	9.7	0.5	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652675.6	4787023.1	1.5	0	63	14.3	1000	58.7	0.0	-2.9	11.2	0.9	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652675.6	4787023.1	1.5	0	61	14.3	2000	58.7	0.0	-2.9	13.1	2.3	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652692.6	4787008.3	1.5	0	52	11.3	125	58.5	0.0	-2.8	7.3	0.1	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652692.6	4787008.3	1.5	0	57	11.3	250	58.5	0.0	-2.9	8.0	0.2	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652692.6	4787008.3	1.5	0	63	11.3	500	58.5	0.0	-2.9	8.8	0.5	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652692.6	4787008.3	1.5	0	63	11.3	1000	58.5	0.0	-2.9	10.0	0.9	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652692.6	4787008.3	1.5	0	61	11.3	2000	58.5	0.0	-2.9	11.6	2.3	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652691.9	4786996.8	1.5	0	57	9.9	250	58.2	0.0	-2.9	7.9	0.2	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652691.9	4786996.8	1.5	0	63	9.9	500	58.2	0.0	-2.9	9.0	0.4	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652691.9	4786996.8	1.5	0	63	9.9	1000	58.2	0.0	-2.9	10.5	0.8	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652691.9	4786996.8	1.5	0	61	9.9	2000	58.2	0.0	-2.9	12.4	2.2	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652691.2	4786985.4	1.5	0	52	11.2	125	57.8	0.0	-2.7	7.5	0.1	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652691.2	4786985.4	1.5	0	57	11.2	250	57.8	0.0	-2.9	7.6	0.2	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652691.2	4786985.4	1.5	0	63	11.2	500	57.8	0.0	-2.9	7.6	0.4	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652691.2	4786985.4	1.5	0	63	11.2	1000	57.8	0.0	-2.9	7.6	0.8	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652691.2	4786985.4	1.5	0	61	11.2	2000	57.8	0.0	-2.9	7.6	2.1	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652690.7	4786977.7	1.5	0	63	3.6	500	57.5	0.0	-2.9	7.8	0.4	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652690.7	4786977.7	1.5	0	63	3.6	1000	57.5	0.0	-2.9	8.0	0.8	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	52	15.0	125	58.0	0.0	-3.0	7.8	0.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	57	15.0	250	58.0	0.0	-3.0	7.8	0.2	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	63	15.0	500	58.0	0.0	-3.0	7.8	0.4	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	63	15.0	1000	58.0	0.0	-3.0	7.8	0.8	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	61	15.0	2000	58.0	0.0	-3.0	7.8	2.2	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	55	15.0	4000	58.0	0.0	-3.0	7.8	7.3	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652689.9	4786976.3	1.5	0	63	1.8	500	57.5	0.0	-2.9	7.9	0.4	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652689.9	4786976.3	1.5	0	63	1.8	1000	57.5	0.0	-2.9	8.1	0.8	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652678.5	4786972.1	1.5	0	52	13.6	125	57.0	0.0	-2.7	4.9	0.1	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652678.5	4786972.1	1.5	0	57	13.6	250	57.0	0.0	-2.9	5.8	0.2	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652678.5	4786972.1	1.5	0	63	13.6	500	57.0	0.0	-2.9	6.5	0.4	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652678.5	4786972.1	1.5	0	63	13.6	1000	57.0	0.0	-2.9	7.0	0.7	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652678.5	4786972.1	1.5	0	61	13.6	2000	57.0	0.0	-2.9	7.3	1.9	0.0	0.0	0.0	0.0	0.0	11

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise
Project: Sources)
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP04	RP04	17652560.55 m	4786810.62 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L02	15-Ton Pass-by 2	17652678.5	4786972.1	1.5	0	55	13.6	4000	57.0	0.0	-2.9	7.5	6.6	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652691.1	4787019.3	1.5	0	57	9.7	250	58.8	0.0	-2.9	8.3	0.3	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652691.1	4787019.3	1.5	0	63	9.7	500	58.8	0.0	-2.9	9.0	0.5	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652691.1	4787019.3	1.5	0	63	9.7	1000	58.8	0.0	-2.9	10.2	0.9	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652691.1	4787019.3	1.5	0	61	9.7	2000	58.8	0.0	-2.9	11.8	2.4	0.0	0.0	0.0	0.0	0.0	0
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	60	0.0	32	52.0	0.0	-3.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	1
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	71	0.0	63	52.0	0.0	-3.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	12
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	84	0.0	125	52.0	0.0	-2.1	3.5	0.0	0.0	0.0	0.0	0.0	0.0	24
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	91	0.0	250	52.0	0.0	-2.5	4.3	0.1	0.0	0.0	0.0	0.0	0.0	31
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	500	52.0	0.0	-2.6	5.4	0.2	0.0	0.0	0.0	0.0	0.0	35
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	98	0.0	1000	52.0	0.0	-2.6	6.8	0.4	0.0	0.0	0.0	0.0	0.0	35
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	2000	52.0	0.0	-2.6	8.7	1.1	0.0	0.0	0.0	0.0	0.0	31
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	89	0.0	4000	52.0	0.0	-2.6	11.0	3.7	0.0	0.0	0.0	0.0	0.0	19
L03	5-Ton Pass-by	17652672.5	4786882.7	1.5	0	47	9.1	500	53.5	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652672.5	4786882.7	1.5	0	50	9.1	1000	53.5	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	8
L03	5-Ton Pass-by	17652672.5	4786882.7	1.5	0	47	9.1	2000	53.5	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	4
L03	5-Ton Pass-by	17652656.6	4786882.7	1.5	0	41	13.8	250	52.6	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	4
L03	5-Ton Pass-by	17652656.6	4786882.7	1.5	0	47	13.8	500	52.6	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	10
L03	5-Ton Pass-by	17652656.6	4786882.7	1.5	0	50	13.8	1000	52.6	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	14
L03	5-Ton Pass-by	17652656.6	4786882.7	1.5	0	47	13.8	2000	52.6	0.0	-2.7	0.0	1.2	0.0	0.0	0.0	0.0	0.0	10
L03	5-Ton Pass-by	17652656.6	4786882.7	1.5	0	44	13.8	4000	52.6	0.0	-2.7	0.0	3.9	0.0	0.0	0.0	0.0	0.0	4
L03	5-Ton Pass-by	17652686.0	4786860.8	1.5	0	47	10.4	500	53.6	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	6
L03	5-Ton Pass-by	17652686.0	4786860.8	1.5	0	50	10.4	1000	53.6	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	9
L03	5-Ton Pass-by	17652686.0	4786860.8	1.5	0	47	10.4	2000	53.6	0.0	-2.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652679.0	4786877.7	1.5	0	47	10.1	500	53.7	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652679.0	4786877.7	1.5	0	50	10.1	1000	53.7	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	9
L03	5-Ton Pass-by	17652679.0	4786877.7	1.5	0	47	10.1	2000	53.7	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652683.7	4786866.8	1.5	0	50	3.2	1000	53.6	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2
L03	5-Ton Pass-by	17652682.7	4786869.6	1.5	0	47	5.9	500	53.7	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1
L03	5-Ton Pass-by	17652682.7	4786869.6	1.5	0	50	5.9	1000	53.7	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652682.7	4786869.6	1.5	0	47	5.9	2000	53.7	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1
L03	5-Ton Pass-by	17652681.6	4786872.3	1.5	0	50	2.7	1000	53.7	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652649.9	4786967.3	1.5	0	52	15.6	500	56.1	0.0	-2.9	7.7	0.3	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652649.9	4786967.3	1.5	0	55	15.6	1000	56.1	0.0	-2.9	7.8	0.7	0.0	0.0	0.0	0.0	0.0	9
L04	5-Ton Pass-by 2	17652649.9	4786967.3	1.5	0	52	15.6	2000	56.1	0.0	-2.9	8.0	1.7	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652629.9	4786966.3	1.5	0	52	6.1	500	55.6	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652629.9	4786966.3	1.5	0	55	6.1	1000	55.6	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	0.0	0.0	8
L04	5-Ton Pass-by 2	17652629.9	4786966.3	1.5	0	52	6.1	2000	55.6	0.0	-2.8	0.0	1.6	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652624.0	4786966.1	1.5	0	52	8.8	500	55.5	0.0	-2.8	4.4	0.3	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652624.0	4786966.1	1.5	0	55	8.8	1000	55.5	0.0	-2.8	5.1	0.6	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652624.0	4786966.1	1.5	0	52	8.8	2000	55.5	0.0	-2.8	5.9	1.6	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652587.6	4786964.4	1.5	0	45	18.1	250	54.9	0.0	-2.9	8.3	0.2	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652587.6	4786964.4	1.5	0	52	18.1	500	54.9	0.0	-2.9	8.8	0.3	0.0	0.0	0.0	0.0	0.0	9

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP04	RP04	17652560.55 m	4786810.62 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L04	5-Ton Pass-by 2	17652587.6	4786964.4	1.5	0	55	18.1	1000	54.9	0.0	-2.9	9.6	0.6	0.0	0.0	0.0	0.0	0.0	11
L04	5-Ton Pass-by 2	17652587.6	4786964.4	1.5	0	52	18.1	2000	54.9	0.0	-2.9	10.9	1.5	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652538.9	4786962.1	1.5	0	52	15.1	500	54.7	0.0	-3.0	9.4	0.3	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652538.9	4786962.1	1.5	0	55	15.1	1000	54.7	0.0	-3.0	10.7	0.6	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652538.9	4786962.1	1.5	0	52	15.1	2000	54.7	0.0	-3.0	12.5	1.5	0.0	0.0	0.0	0.0	0.0	1
L04	5-Ton Pass-by 2	17652600.1	4787020.3	1.5	0	52	14.8	500	57.6	0.0	-2.9	7.7	0.4	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652600.1	4787020.3	1.5	0	55	14.8	1000	57.6	0.0	-2.9	7.7	0.8	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652600.1	4787020.3	1.5	0	52	14.8	2000	57.6	0.0	-2.9	7.7	2.1	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652628.6	4787021.4	1.5	0	52	14.2	500	57.9	0.0	-2.9	9.9	0.4	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652628.6	4787021.4	1.5	0	55	14.2	1000	57.9	0.0	-2.9	11.4	0.8	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652675.6	4787023.1	1.5	0	55	14.3	1000	58.7	0.0	-2.9	11.2	0.9	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652692.6	4787008.3	1.5	0	55	11.3	1000	58.5	0.0	-2.9	10.0	0.9	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652691.2	4786985.4	1.5	0	55	11.2	1000	57.8	0.0	-2.9	7.6	0.8	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	52	15.0	500	58.0	0.0	-3.0	7.8	0.4	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	55	15.0	1000	58.0	0.0	-3.0	7.8	0.8	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	52	15.0	2000	58.0	0.0	-3.0	7.8	2.2	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652678.5	4786972.1	1.5	0	52	13.6	500	57.0	0.0	-2.9	6.5	0.4	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652678.5	4786972.1	1.5	0	55	13.6	1000	57.0	0.0	-2.9	7.0	0.7	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652678.5	4786972.1	1.5	0	52	13.6	2000	57.0	0.0	-2.9	7.3	1.9	0.0	0.0	0.0	0.0	0.0	2
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	59	0.0	32	53.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	67	0.0	63	53.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	80	0.0	125	53.2	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	23
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	250	53.2	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	28
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	91	0.0	500	53.2	0.0	-2.8	0.0	0.2	0.0	0.0	0.0	0.0	0.0	34
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	92	0.0	1000	53.2	0.0	-2.8	0.0	0.5	0.0	0.0	0.0	0.0	0.0	35
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	90	0.0	2000	53.2	0.0	-2.8	0.0	1.2	0.0	0.0	0.0	0.0	0.0	32
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	4000	53.2	0.0	-2.8	0.0	4.2	0.0	0.0	0.0	0.0	0.0	24
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	81	0.0	8000	53.2	0.0	-2.8	0.0	15.1	0.0	0.0	0.0	0.0	0.0	9
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	57	0.0	32	51.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	68	0.0	63	51.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	81	0.0	125	51.6	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	90	0.0	250	51.6	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	35
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	500	51.6	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	42
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	1000	51.6	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	41
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	96	0.0	2000	51.6	0.0	-2.7	0.0	1.0	0.0	0.0	0.0	0.0	0.0	40
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	92	0.0	4000	51.6	0.0	-2.7	0.0	3.5	0.0	0.0	0.0	0.0	0.0	33
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	85	0.0	8000	51.6	0.0	-2.7	0.0	12.5	0.0	0.0	0.0	0.0	0.0	17
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	49.8	0.0	-2.0	0.0	0.0	0.0	0.0	0.0	-4.9	0.0	23
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	250	49.8	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	-8.9	0.0	23
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	84	0.0	500	49.8	0.0	-2.6	0.0	0.2	0.0	0.0	0.0	-10.0	0.0	27
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	83	0.0	1000	49.8	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	-11.0	0.0	25
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	2000	49.8	0.0	-2.6	0.0	0.8	0.0	0.0	0.0	-12.0	0.0	19
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	73	0.0	4000	49.8	0.0	-2.6	0.0	2.8	0.0	0.0	0.0	-13.0	0.0	10

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP04	RP04	17652560.55 m	4786810.62 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	50.1	0.0	-1.5	0.0	0.0	0.0	0.0	0.0	-4.9	0.0	23
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	250	50.1	0.0	-2.3	0.0	0.1	0.0	0.0	0.0	-8.9	0.0	22
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	84	0.0	500	50.1	0.0	-2.4	0.0	0.2	0.0	0.0	0.0	-10.0	0.0	26
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	83	0.0	1000	50.1	0.0	-2.4	0.0	0.3	0.0	0.0	0.0	-11.0	0.0	24
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	2000	50.1	0.0	-2.4	0.0	0.9	0.0	0.0	0.0	-12.0	0.0	18
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	73	0.0	4000	50.1	0.0	-2.4	0.0	3.0	0.0	0.0	0.0	-13.0	0.0	9
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	67	0.0	63	56.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	12
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	80	0.0	125	56.5	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	21
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	84	0.0	250	56.5	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	22
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	87	0.0	500	56.5	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	23
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	89	0.0	1000	56.5	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-11.0	0.0	24
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	85	0.0	2000	56.5	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-12.0	0.0	18
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	78	0.0	4000	56.5	0.0	-3.0	0.0	6.2	0.0	0.0	0.0	-13.0	0.0	5
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	67	0.0	63	57.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	12
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	80	0.0	125	57.3	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	20
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	84	0.0	250	57.3	0.0	-2.8	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	21
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	87	0.0	500	57.3	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	22
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	89	0.0	1000	57.3	0.0	-2.9	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	23
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	85	0.0	2000	57.3	0.0	-2.9	0.0	2.0	0.0	0.0	0.0	-12.0	0.0	17
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	78	0.0	4000	57.3	0.0	-2.9	0.0	6.8	0.0	0.0	0.0	-13.0	0.0	4
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	61	0.0	125	56.6	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	2
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	72	0.0	250	56.6	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	10
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	84	0.0	500	56.6	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	20
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	89	0.0	1000	56.6	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-11.0	0.0	24
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	87	0.0	2000	56.6	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-12.0	0.0	20
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	81	0.0	4000	56.6	0.0	-3.0	0.0	6.2	0.0	0.0	0.0	-13.0	0.0	8
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	67	0.0	63	57.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	11
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	80	0.0	125	57.7	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	20
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	84	0.0	250	57.7	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	20
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	87	0.0	500	57.7	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	22
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	89	0.0	1000	57.7	0.0	-2.9	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	22
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	85	0.0	2000	57.7	0.0	-2.9	0.0	2.1	0.0	0.0	0.0	-12.0	0.0	16
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	78	0.0	4000	57.7	0.0	-2.9	0.0	7.1	0.0	0.0	0.0	-13.0	0.0	3
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	67	0.0	63	57.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	11
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	80	0.0	125	57.8	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	20
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	84	0.0	250	57.8	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	20
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	87	0.0	500	57.8	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	22
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	89	0.0	1000	57.8	0.0	-2.9	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	22
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	85	0.0	2000	57.8	0.0	-2.9	0.0	2.1	0.0	0.0	0.0	-12.0	0.0	16
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	78	0.0	4000	57.8	0.0	-2.9	0.0	7.2	0.0	0.0	0.0	-13.0	0.0	3
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	67	0.0	63	57.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	11
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	80	0.0	125	57.8	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	20
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	84	0.0	250	57.8	0.0	-2.8	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	20

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP04	RP04	17652560.55 m	4786810.62 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	87	0.0	500	57.8	0.0	-2.8	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	21
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	89	0.0	1000	57.8	0.0	-2.8	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	22
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	85	0.0	2000	57.8	0.0	-2.8	0.0	2.1	0.0	0.0	0.0	-12.0	0.0	16
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	78	0.0	4000	57.8	0.0	-2.8	0.0	7.2	0.0	0.0	0.0	-13.0	0.0	3
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	61	0.0	125	58.3	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	0
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	72	0.0	250	58.3	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	-9.0	0.0	8
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	84	0.0	500	58.3	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	18
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	89	0.0	1000	58.3	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	-11.0	0.0	22
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	87	0.0	2000	58.3	0.0	-2.9	0.0	2.2	0.0	0.0	0.0	-12.0	0.0	18
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	81	0.0	4000	58.3	0.0	-2.9	0.0	7.6	0.0	0.0	0.0	-13.0	0.0	5
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	67	0.0	63	59.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	10
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	80	0.0	125	59.1	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	84	0.0	250	59.1	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	19
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	87	0.0	500	59.1	0.0	-2.8	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	20
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	89	0.0	1000	59.1	0.0	-2.8	0.0	0.9	0.0	0.0	0.0	-11.0	0.0	21
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	85	0.0	2000	59.1	0.0	-2.8	0.0	2.5	0.0	0.0	0.0	-12.0	0.0	14
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	78	0.0	4000	59.1	0.0	-2.8	0.0	8.4	0.0	0.0	0.0	-13.0	0.0	0
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	67	0.0	63	59.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	80	0.0	125	59.6	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	84	0.0	250	59.6	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	87	0.0	500	59.6	0.0	-2.8	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	20
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	89	0.0	1000	59.6	0.0	-2.8	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	85	0.0	2000	59.6	0.0	-2.8	0.0	2.6	0.0	0.0	0.0	-12.0	0.0	14
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	67	0.0	63	59.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	80	0.0	125	59.6	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	84	0.0	250	59.6	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	87	0.0	500	59.6	0.0	-2.8	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	19
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	89	0.0	1000	59.6	0.0	-2.8	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	85	0.0	2000	59.6	0.0	-2.8	0.0	2.6	0.0	0.0	0.0	-12.0	0.0	14
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	65	0.0	63	59.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	8
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	78	0.0	125	59.0	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	16
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	83	0.0	250	59.0	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	500	59.0	0.0	-2.8	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	20
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	1000	59.0	0.0	-2.8	0.0	0.9	0.0	0.0	0.0	-11.0	0.0	19
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	85	0.0	2000	59.0	0.0	-2.8	0.0	2.4	0.0	0.0	0.0	-12.0	0.0	15
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	81	0.0	4000	59.0	0.0	-2.8	0.0	8.3	0.0	0.0	0.0	-13.0	0.0	4
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	67	0.0	63	59.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	80	0.0	125	59.8	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	84	0.0	250	59.8	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	87	0.0	500	59.8	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	20
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	89	0.0	1000	59.8	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	85	0.0	2000	59.8	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	14
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	67	0.0	63	59.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise
Project: Sources)
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP04	RP04	17652560.55 m	4786810.62 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	80	0.0	125	59.8	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	84	0.0	250	59.8	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	87	0.0	500	59.8	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	19
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	89	0.0	1000	59.8	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	85	0.0	2000	59.8	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	14
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	67	0.0	63	59.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	80	0.0	125	59.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	84	0.0	250	59.9	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	87	0.0	500	59.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	19
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	89	0.0	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	85	0.0	2000	59.9	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	14
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	67	0.0	63	59.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	80	0.0	125	59.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	84	0.0	250	59.9	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	87	0.0	500	59.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	19
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	89	0.0	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	85	0.0	2000	59.9	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	14
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	67	0.0	63	59.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	80	0.0	125	59.9	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	84	0.0	250	59.9	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	87	0.0	500	59.9	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	19
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	89	0.0	1000	59.9	0.0	-2.9	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	85	0.0	2000	59.9	0.0	-2.9	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	13
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	72	0.0	250	59.7	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	7
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	84	0.0	500	59.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	17
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	89	0.0	1000	59.7	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	87	0.0	2000	59.7	0.0	-3.0	0.0	2.6	0.0	0.0	0.0	-12.0	0.0	16
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	81	0.0	4000	59.7	0.0	-3.0	0.0	8.9	0.0	0.0	0.0	-13.0	0.0	3
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	62	0.0	63	56.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	7
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	75	0.0	125	56.4	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	17
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	250	56.4	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	18
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	83	0.0	500	56.4	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	19
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	82	0.0	1000	56.4	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-11.0	0.0	17
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	2000	56.4	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-12.0	0.0	13
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	77	0.0	4000	56.4	0.0	-3.0	0.0	6.1	0.0	0.0	0.0	-13.0	0.0	5
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	61	0.0	63	56.9	0.0	-3.0	4.3	0.0	0.0	0.0	0.0	-1.0	0.0	2
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	74	0.0	125	56.9	0.0	1.9	4.0	0.1	0.0	0.0	0.0	-5.0	0.0	6
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	79	0.0	250	56.9	0.0	-0.4	5.0	0.2	0.0	0.0	0.0	-9.0	0.0	9
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	83	0.0	500	56.9	0.0	-0.5	5.8	0.4	0.0	0.0	0.0	-10.0	0.0	10
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	82	0.0	1000	56.9	0.0	-0.5	6.9	0.7	0.0	0.0	0.0	-11.0	0.0	7
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	81	0.0	2000	56.9	0.0	-0.5	8.4	1.9	0.0	0.0	0.0	-12.0	0.0	2
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	76	0.0	125	56.9	0.0	-2.3	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	16
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	79	0.0	250	56.9	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	16

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP04	RP04	17652560.55 m	4786810.62 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	84	0.0	500	56.9	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	19
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	83	0.0	1000	56.9	0.0	-2.7	0.0	0.7	0.0	0.0	0.0	-11.0	0.0	17
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	79	0.0	2000	56.9	0.0	-2.7	0.0	1.9	0.0	0.0	0.0	-12.0	0.0	11
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	80	0.0	125	61.8	0.0	-2.2	11.2	0.1	0.0	0.0	0.0	-5.0	0.0	4
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	84	0.0	250	61.8	0.0	-2.6	14.0	0.4	0.0	0.0	0.0	-9.0	0.0	2
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	87	0.0	500	61.8	0.0	-2.7	16.8	0.7	0.0	0.0	0.0	-10.0	0.0	0
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	80	0.0	125	62.0	0.0	-2.3	11.8	0.1	0.0	0.0	0.0	-5.0	0.0	3
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	84	0.0	250	62.0	0.0	-2.7	14.6	0.4	0.0	0.0	0.0	-9.0	0.0	1
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	84	0.0	500	61.8	0.0	-2.6	5.8	0.7	0.0	0.0	0.0	-10.0	0.0	8
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	89	0.0	1000	61.8	0.0	-2.6	6.7	1.3	0.0	0.0	0.0	-11.0	0.0	11
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	87	0.0	2000	61.8	0.0	-2.6	8.0	3.3	0.0	0.0	0.0	-12.0	0.0	5
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	61	0.0	63	57.9	0.0	-3.0	4.4	0.0	0.0	0.0	0.0	-1.0	0.0	1
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	74	0.0	125	57.9	0.0	1.5	4.2	0.1	0.0	0.0	0.0	-5.0	0.0	5
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	79	0.0	250	57.9	0.0	-0.6	5.2	0.2	0.0	0.0	0.0	-9.0	0.0	8
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	83	0.0	500	57.9	0.0	-0.7	6.2	0.4	0.0	0.0	0.0	-10.0	0.0	9
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	82	0.0	1000	57.9	0.0	-0.7	7.4	0.8	0.0	0.0	0.0	-11.0	0.0	6
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	81	0.0	2000	57.9	0.0	-0.7	9.1	2.1	0.0	0.0	0.0	-12.0	0.0	1
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	76	0.0	125	57.9	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	16
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	79	0.0	250	57.9	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	15
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	84	0.0	500	57.9	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	19
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	83	0.0	1000	57.9	0.0	-2.9	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	16
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	79	0.0	2000	57.9	0.0	-2.9	0.0	2.1	0.0	0.0	0.0	-12.0	0.0	10
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	74	0.0	125	59.2	0.0	1.6	4.1	0.1	0.0	0.0	0.0	-5.0	0.0	4
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	79	0.0	250	59.2	0.0	-0.6	5.1	0.3	0.0	0.0	0.0	-9.0	0.0	6
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	83	0.0	500	59.2	0.0	-0.7	5.9	0.5	0.0	0.0	0.0	-10.0	0.0	8
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	82	0.0	1000	59.2	0.0	-0.7	7.1	0.9	0.0	0.0	0.0	-11.0	0.0	4
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	67	0.0	63	64.3	0.0	-3.6	0.0	0.1	0.0	0.0	0.0	-1.0	0.0	5
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	80	0.0	125	64.3	0.0	-1.8	0.0	0.2	0.0	0.0	0.0	-5.0	0.0	12
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	84	0.0	250	64.3	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	-9.0	0.0	13
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	87	0.0	500	64.3	0.0	-2.8	0.0	0.9	0.0	0.0	0.0	-10.0	0.0	14
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	89	0.0	1000	64.3	0.0	-2.8	0.0	1.7	0.0	0.0	0.0	-11.0	0.0	15
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	85	0.0	2000	64.3	0.0	-2.8	0.0	4.5	0.0	0.0	0.0	-12.0	0.0	7
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	67	0.0	63	64.3	0.0	-3.6	0.0	0.1	0.0	0.0	0.0	-1.0	0.0	5
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	80	0.0	125	64.3	0.0	-1.6	0.0	0.2	0.0	0.0	0.0	-5.0	0.0	12
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	84	0.0	250	64.3	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	-9.0	0.0	13
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	87	0.0	500	64.3	0.0	-2.7	0.0	0.9	0.0	0.0	0.0	-10.0	0.0	14
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	89	0.0	1000	64.3	0.0	-2.7	0.0	1.7	0.0	0.0	0.0	-11.0	0.0	15
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	85	0.0	2000	64.3	0.0	-2.7	0.0	4.5	0.0	0.0	0.0	-12.0	0.0	7
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	76	0.0	125	59.6	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	14
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	79	0.0	250	59.6	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	13
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	84	0.0	500	59.6	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	17
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	83	0.0	1000	59.6	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	15
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	79	0.0	2000	59.6	0.0	-3.0	0.0	2.6	0.0	0.0	0.0	-12.0	0.0	8

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP04	RP04	17652560.55 m	4786810.62 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	76	0.0	125	59.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	14
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	79	0.0	250	59.9	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	13
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	84	0.0	500	59.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	17
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	83	0.0	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	14
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	79	0.0	2000	59.9	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	7
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	76	0.0	125	59.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	14
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	79	0.0	250	59.9	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	13
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	84	0.0	500	59.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	17
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	83	0.0	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	14
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	79	0.0	2000	59.9	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	7
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	74	0.0	125	60.0	0.0	1.6	4.1	0.1	0.0	0.0	0.0	-5.0	0.0	3
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	79	0.0	250	60.0	0.0	-0.6	5.2	0.3	0.0	0.0	0.0	-9.0	0.0	6
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	83	0.0	500	60.0	0.0	-0.7	6.1	0.5	0.0	0.0	0.0	-10.0	0.0	7
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	82	0.0	1000	60.0	0.0	-0.7	7.4	1.0	0.0	0.0	0.0	-11.0	0.0	3
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	62	0.0	63	57.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	7
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	70	0.0	125	57.1	0.0	-2.1	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	10
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	72	0.0	250	57.1	0.0	-2.6	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	8
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	79	0.0	500	57.1	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	15
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	76	0.0	1000	57.1	0.0	-2.7	0.0	0.7	0.0	0.0	0.0	-11.0	0.0	10
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	75	0.0	2000	57.1	0.0	-2.7	0.0	2.0	0.0	0.0	0.0	-12.0	0.0	6
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	74	0.0	4000	57.1	0.0	-2.7	0.0	6.6	0.0	0.0	0.0	-13.0	0.0	0
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	61	0.0	32	52.1	0.0	-3.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	3
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	72	0.0	63	52.1	0.0	-3.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	14
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	87	0.0	125	52.1	0.0	-2.1	2.9	0.0	0.0	0.0	0.0	0.0	0.0	28
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	91	0.0	250	52.1	0.0	-2.5	3.2	0.1	0.0	0.0	0.0	0.0	0.0	32
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	98	0.0	500	52.1	0.0	-2.6	3.5	0.2	0.0	0.0	0.0	0.0	0.0	39
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	100	0.0	1000	52.1	0.0	-2.6	4.1	0.4	0.0	0.0	0.0	0.0	0.0	40
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	99	0.0	2000	52.1	0.0	-2.6	5.1	1.1	0.0	0.0	0.0	0.0	0.0	37
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	94	0.0	4000	52.1	0.0	-2.6	6.6	3.7	0.0	0.0	0.0	0.0	0.0	28
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	85	0.0	8000	52.1	0.0	-2.6	8.6	13.2	0.0	0.0	0.0	0.0	0.0	8

Receiver: RP05
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	31

Receiver Name	Receiver ID	X	Y	Z
RP05	RP05	17652574.56 m	4786747.95 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	84	0.0	125	54.4	0.0	-1.7	18.5	0.1	0.0	0.0	0.0	0.0	0.0	7
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	91	0.0	250	54.4	0.0	-2.4	22.0	0.2	0.0	0.0	0.0	0.0	0.0	10
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	500	54.4	0.0	-2.4	25.0	0.3	0.0	0.0	0.0	0.0	0.0	13
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	98	0.0	1000	54.4	0.0	-2.4	26.2	0.5	0.0	0.0	0.0	0.0	0.0	13
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	2000	54.4	0.0	-2.4	26.7	1.4	0.0	0.0	0.0	0.0	0.0	10
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	62	0.0	63	61.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	2
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	70	0.0	125	61.8	0.0	-2.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	6
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	72	0.0	250	61.8	0.0	-2.6	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	3
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	79	0.0	500	61.8	0.0	-2.7	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	10
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	76	0.0	1000	61.8	0.0	-2.7	0.0	1.3	0.0	0.0	0.0	-11.0	0.0	4
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	75	0.0	2000	61.8	0.0	-2.7	0.0	3.3	0.0	0.0	0.0	-12.0	0.0	0
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	80	0.0	125	55.6	0.0	-2.0	16.9	0.1	0.0	0.0	0.0	0.0	0.0	3
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	250	55.6	0.0	-2.5	21.2	0.2	0.0	0.0	0.0	0.0	0.0	4
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	91	0.0	500	55.6	0.0	-2.5	24.6	0.3	0.0	0.0	0.0	0.0	0.0	7
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	92	0.0	1000	55.6	0.0	-2.5	26.2	0.6	0.0	0.0	0.0	0.0	0.0	6
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	90	0.0	2000	55.6	0.0	-2.5	26.8	1.6	0.0	0.0	0.0	0.0	0.0	2
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	81	0.0	125	54.6	0.0	-1.8	17.0	0.1	0.0	0.0	0.0	0.0	0.0	5
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	90	0.0	250	54.6	0.0	-2.4	21.3	0.2	0.0	0.0	0.0	0.0	0.0	10
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	500	54.6	0.0	-2.4	24.7	0.3	0.0	0.0	0.0	0.0	0.0	13
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	1000	54.6	0.0	-2.4	26.2	0.6	0.0	0.0	0.0	0.0	0.0	12
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	96	0.0	2000	54.6	0.0	-2.4	26.8	1.5	0.0	0.0	0.0	0.0	0.0	9
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	92	0.0	4000	54.6	0.0	-2.4	27.1	5.0	0.0	0.0	0.0	0.0	0.0	1
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	67	0.0	63	59.0	0.0	-3.0	9.7	0.0	0.0	0.0	0.0	-1.0	0.0	0
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	80	0.0	125	59.0	0.0	-3.0	12.5	0.1	0.0	0.0	0.0	-5.0	0.0	6
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	84	0.0	250	59.0	0.0	-3.0	15.4	0.3	0.0	0.0	0.0	-9.0	0.0	4
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	87	0.0	500	59.0	0.0	-3.0	18.3	0.5	0.0	0.0	0.0	-10.0	0.0	2
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	89	0.0	1000	59.0	0.0	-3.0	21.0	0.9	0.0	0.0	0.0	-11.0	0.0	0
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	54.3	0.0	-2.1	15.3	0.1	0.0	0.0	0.0	-4.9	0.0	4
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	80	0.0	125	59.2	0.0	-1.7	15.2	0.1	0.0	0.0	0.0	-5.0	0.0	2
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	80	0.0	125	59.2	0.0	-1.8	16.1	0.1	0.0	0.0	0.0	-5.0	0.0	1
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	54.5	0.0	-1.6	15.2	0.1	0.0	0.0	0.0	-4.9	0.0	3
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	80	0.0	125	59.6	0.0	-2.1	16.5	0.1	0.0	0.0	0.0	-5.0	0.0	1
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	80	0.0	125	59.6	0.0	-2.1	16.4	0.1	0.0	0.0	0.0	-5.0	0.0	1
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	80	0.0	125	60.1	0.0	-1.7	14.7	0.1	0.0	0.0	0.0	-5.0	0.0	2
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	80	0.0	125	60.6	0.0	-1.8	14.9	0.1	0.0	0.0	0.0	-5.0	0.0	1
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	80	0.0	125	60.6	0.0	-1.8	14.9	0.1	0.0	0.0	0.0	-5.0	0.0	1
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	80	0.0	125	60.9	0.0	-1.8	15.0	0.1	0.0	0.0	0.0	-5.0	0.0	1
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	67	0.0	63	61.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	8
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	80	0.0	125	61.1	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	17
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	84	0.0	250	61.1	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	17
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	87	0.0	500	61.1	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	18
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	89	0.0	1000	61.1	0.0	-3.0	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	19
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	85	0.0	2000	61.1	0.0	-3.0	0.0	3.1	0.0	0.0	0.0	-12.0	0.0	12

Receiver: RP05
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	31

Receiver Name	Receiver ID	X	Y	Z
RP05	RP05	17652574.56 m	4786747.95 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	67	0.0	63	61.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	8
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	80	0.0	125	61.3	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	16
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	84	0.0	250	61.3	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	17
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	87	0.0	500	61.3	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	18
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	89	0.0	1000	61.3	0.0	-2.9	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	19
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	85	0.0	2000	61.3	0.0	-2.9	0.0	3.2	0.0	0.0	0.0	-12.0	0.0	12
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	80	0.0	125	61.6	0.0	-3.0	12.4	0.1	0.0	0.0	0.0	-5.0	0.0	4
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	84	0.0	250	61.6	0.0	-3.0	15.3	0.4	0.0	0.0	0.0	-9.0	0.0	1
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	80	0.0	125	61.6	0.0	-2.9	9.6	0.1	0.0	0.0	0.0	-5.0	0.0	6
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	84	0.0	250	61.6	0.0	-2.9	12.1	0.4	0.0	0.0	0.0	-9.0	0.0	4
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	87	0.0	500	61.6	0.0	-2.9	14.8	0.7	0.0	0.0	0.0	-10.0	0.0	3
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	89	0.0	1000	61.6	0.0	-2.9	17.5	1.2	0.0	0.0	0.0	-11.0	0.0	1
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	80	0.0	125	61.7	0.0	-3.0	11.2	0.1	0.0	0.0	0.0	-5.0	0.0	5
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	84	0.0	250	61.7	0.0	-3.0	13.9	0.4	0.0	0.0	0.0	-9.0	0.0	3
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	87	0.0	500	61.7	0.0	-3.0	16.8	0.7	0.0	0.0	0.0	-10.0	0.0	1
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	80	0.0	125	61.7	0.0	-3.0	10.4	0.1	0.0	0.0	0.0	-5.0	0.0	6
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	84	0.0	250	61.7	0.0	-3.0	13.0	0.4	0.0	0.0	0.0	-9.0	0.0	3
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	87	0.0	500	61.7	0.0	-3.0	15.8	0.7	0.0	0.0	0.0	-10.0	0.0	2
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	72	0.0	250	61.5	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	5
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	84	0.0	500	61.5	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	15
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	89	0.0	1000	61.5	0.0	-3.0	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	18
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	87	0.0	2000	61.5	0.0	-3.0	0.0	3.3	0.0	0.0	0.0	-12.0	0.0	13
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	72	0.0	250	62.2	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	4
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	84	0.0	500	62.2	0.0	-2.8	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	14
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	89	0.0	1000	62.2	0.0	-2.8	0.0	1.3	0.0	0.0	0.0	-11.0	0.0	17
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	87	0.0	2000	62.2	0.0	-2.8	0.0	3.5	0.0	0.0	0.0	-12.0	0.0	12
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	75	0.0	125	59.0	0.0	-3.0	13.5	0.1	0.0	0.0	0.0	-5.0	0.0	0
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	67	0.0	63	64.2	0.0	-3.5	0.0	0.1	0.0	0.0	0.0	-1.0	0.0	5
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	80	0.0	125	64.2	0.0	-3.5	0.0	0.2	0.0	0.0	0.0	-5.0	0.0	14
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	84	0.0	250	64.2	0.0	-3.5	0.0	0.5	0.0	0.0	0.0	-9.0	0.0	14
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	87	0.0	500	64.2	0.0	-3.5	0.0	0.9	0.0	0.0	0.0	-10.0	0.0	15
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	89	0.0	1000	64.2	0.0	-3.5	0.0	1.7	0.0	0.0	0.0	-11.0	0.0	16
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	85	0.0	2000	64.2	0.0	-3.5	0.0	4.4	0.0	0.0	0.0	-12.0	0.0	8
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	67	0.0	63	64.2	0.0	-3.5	0.0	0.1	0.0	0.0	0.0	-1.0	0.0	5
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	80	0.0	125	64.2	0.0	-3.5	0.0	0.2	0.0	0.0	0.0	-5.0	0.0	14
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	84	0.0	250	64.2	0.0	-3.5	0.0	0.5	0.0	0.0	0.0	-9.0	0.0	14
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	87	0.0	500	64.2	0.0	-3.5	0.0	0.9	0.0	0.0	0.0	-10.0	0.0	15
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	89	0.0	1000	64.2	0.0	-3.5	0.0	1.7	0.0	0.0	0.0	-11.0	0.0	16
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	85	0.0	2000	64.2	0.0	-3.5	0.0	4.4	0.0	0.0	0.0	-12.0	0.0	8
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	76	0.0	125	61.4	0.0	-3.0	12.5	0.1	0.0	0.0	0.0	-5.0	0.0	0
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	76	0.0	125	62.4	0.0	-1.1	0.0	0.2	0.0	0.0	0.0	-5.0	0.0	10
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	250	62.4	0.0	-2.1	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	9
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	84	0.0	500	62.4	0.0	-2.4	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	13

Receiver: RP05
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	31

Receiver Name	Receiver ID	X	Y	Z
RP05	RP05	17652574.56 m	4786747.95 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	83	0.0	1000	62.4	0.0	-2.4	0.0	1.4	0.0	0.0	0.0	-11.0	0.0	11
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	2000	62.4	0.0	-2.4	0.0	3.6	0.0	0.0	0.0	-12.0	0.0	3
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	76	0.0	125	62.9	0.0	-1.6	0.0	0.2	0.0	0.0	0.0	-5.0	0.0	10
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	250	62.9	0.0	-2.5	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	9
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	84	0.0	500	62.9	0.0	-2.6	0.0	0.8	0.0	0.0	0.0	-10.0	0.0	13
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	83	0.0	1000	62.9	0.0	-2.6	0.0	1.4	0.0	0.0	0.0	-11.0	0.0	10
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	2000	62.9	0.0	-2.6	0.0	3.8	0.0	0.0	0.0	-12.0	0.0	3
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	87	0.0	125	54.4	0.0	-1.7	18.4	0.1	0.0	0.0	0.0	0.0	0.0	9
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	91	0.0	250	54.4	0.0	-2.4	21.9	0.2	0.0	0.0	0.0	0.0	0.0	11
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	98	0.0	500	54.4	0.0	-2.4	24.9	0.3	0.0	0.0	0.0	0.0	0.0	15
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	100	0.0	1000	54.4	0.0	-2.4	26.2	0.5	0.0	0.0	0.0	0.0	0.0	15
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	99	0.0	2000	54.4	0.0	-2.4	26.8	1.4	0.0	0.0	0.0	0.0	0.0	13
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	94	0.0	4000	54.4	0.0	-2.4	27.1	4.9	0.0	0.0	0.0	0.0	0.0	4

Receiver: RP06
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	33

Receiver Name	Receiver ID	X	Y	Z
RP06	RP06	17652586.84 m	4786749.91 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L01	15-Ton Pass-by	17652674.7	4786882.7	1.5	0	57	5.9	250	55.0	0.0	-2.3	9.8	0.2	0.0	0.0	0.0	0.0	0.0	0
L01	15-Ton Pass-by	17652674.7	4786882.7	1.5	0	63	5.9	500	55.0	0.0	-2.3	12.3	0.3	0.0	0.0	0.0	0.0	0.0	3
L01	15-Ton Pass-by	17652674.7	4786882.7	1.5	0	63	5.9	1000	55.0	0.0	-2.3	15.0	0.6	0.0	0.0	0.0	0.0	0.0	0
L01	15-Ton Pass-by	17652667.5	4786882.7	1.5	0	63	8.5	500	54.8	0.0	-2.3	17.4	0.3	0.0	0.0	0.0	0.0	0.0	1
L01	15-Ton Pass-by	17652655.9	4786882.7	1.5	0	63	9.3	500	54.5	0.0	-2.4	18.8	0.3	0.0	0.0	0.0	0.0	0.0	1
L01	15-Ton Pass-by	17652648.5	4786882.7	1.5	0	57	8.0	250	54.3	0.0	-2.3	11.2	0.2	0.0	0.0	0.0	0.0	0.0	2
L01	15-Ton Pass-by	17652648.5	4786882.7	1.5	0	63	8.0	500	54.3	0.0	-2.4	13.9	0.3	0.0	0.0	0.0	0.0	0.0	5
L01	15-Ton Pass-by	17652648.5	4786882.7	1.5	0	63	8.0	1000	54.3	0.0	-2.4	16.7	0.5	0.0	0.0	0.0	0.0	0.0	1
L01	15-Ton Pass-by	17652686.4	4786859.8	1.5	0	52	9.4	125	54.4	0.0	-0.2	6.3	0.1	0.0	0.0	0.0	0.0	0.0	1
L01	15-Ton Pass-by	17652686.4	4786859.8	1.5	0	57	9.4	250	54.4	0.0	0.4	7.9	0.2	0.0	0.0	0.0	0.0	0.0	4
L01	15-Ton Pass-by	17652686.4	4786859.8	1.5	0	63	9.4	500	54.4	0.0	-0.2	10.2	0.3	0.0	0.0	0.0	0.0	0.0	8
L01	15-Ton Pass-by	17652686.4	4786859.8	1.5	0	63	9.4	1000	54.4	0.0	-1.4	12.8	0.5	0.0	0.0	0.0	0.0	0.0	6
L01	15-Ton Pass-by	17652686.4	4786859.8	1.5	0	61	9.4	2000	54.4	0.0	-1.6	15.3	1.4	0.0	0.0	0.0	0.0	0.0	1
L01	15-Ton Pass-by	17652684.5	4786864.9	1.5	0	63	3.3	500	54.6	0.0	-1.4	10.7	0.3	0.0	0.0	0.0	0.0	0.0	2
L01	15-Ton Pass-by	17652678.9	4786877.9	1.5	0	52	10.3	125	55.0	0.0	-1.5	7.3	0.1	0.0	0.0	0.0	0.0	0.0	2
L01	15-Ton Pass-by	17652678.9	4786877.9	1.5	0	57	10.3	250	55.0	0.0	-2.3	9.4	0.2	0.0	0.0	0.0	0.0	0.0	5
L01	15-Ton Pass-by	17652678.9	4786877.9	1.5	0	63	10.3	500	55.0	0.0	-2.3	11.8	0.3	0.0	0.0	0.0	0.0	0.0	8
L01	15-Ton Pass-by	17652678.9	4786877.9	1.5	0	63	10.3	1000	55.0	0.0	-2.3	14.5	0.6	0.0	0.0	0.0	0.0	0.0	5
L01	15-Ton Pass-by	17652682.7	4786869.5	1.5	0	52	8.9	125	54.7	0.0	-1.3	6.9	0.1	0.0	0.0	0.0	0.0	0.0	1
L01	15-Ton Pass-by	17652682.7	4786869.5	1.5	0	57	8.9	250	54.7	0.0	-2.2	8.9	0.2	0.0	0.0	0.0	0.0	0.0	4
L01	15-Ton Pass-by	17652682.7	4786869.5	1.5	0	63	8.9	500	54.7	0.0	-2.2	11.2	0.3	0.0	0.0	0.0	0.0	0.0	8
L01	15-Ton Pass-by	17652682.7	4786869.5	1.5	0	63	8.9	1000	54.7	0.0	-2.2	13.8	0.6	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652616.3	4786965.7	1.5	0	63	9.9	500	57.8	0.0	-2.6	16.3	0.4	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652672.0	4786969.7	1.5	0	63	9.5	500	58.4	0.0	-2.5	14.5	0.5	0.0	0.0	0.0	0.0	0.0	1
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	71	0.0	63	53.9	0.0	-3.0	13.3	0.0	0.0	0.0	0.0	0.0	0.0	1
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	84	0.0	125	53.9	0.0	-1.5	15.8	0.1	0.0	0.0	0.0	0.0	0.0	10
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	91	0.0	250	53.9	0.0	-2.2	19.1	0.1	0.0	0.0	0.0	0.0	0.0	14
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	500	53.9	0.0	-2.3	22.1	0.3	0.0	0.0	0.0	0.0	0.0	16
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	98	0.0	1000	53.9	0.0	-2.3	24.1	0.5	0.0	0.0	0.0	0.0	0.0	16
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	2000	53.9	0.0	-2.3	25.4	1.3	0.0	0.0	0.0	0.0	0.0	12
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	89	0.0	4000	53.9	0.0	-2.3	26.2	4.6	0.0	0.0	0.0	0.0	0.0	1
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	62	0.0	63	62.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	2
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	70	0.0	125	62.1	0.0	-2.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	5
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	72	0.0	250	62.1	0.0	-2.5	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	3
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	79	0.0	500	62.1	0.0	-2.7	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	9
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	76	0.0	1000	62.1	0.0	-2.7	0.0	1.3	0.0	0.0	0.0	-11.0	0.0	4
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	80	0.0	125	55.2	0.0	-1.7	12.8	0.1	0.0	0.0	0.0	0.0	0.0	8
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	250	55.2	0.0	-2.4	16.2	0.2	0.0	0.0	0.0	0.0	0.0	9
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	91	0.0	500	55.2	0.0	-2.4	19.7	0.3	0.0	0.0	0.0	0.0	0.0	12
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	92	0.0	1000	55.2	0.0	-2.4	22.8	0.6	0.0	0.0	0.0	0.0	0.0	10
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	90	0.0	2000	55.2	0.0	-2.4	24.5	1.6	0.0	0.0	0.0	0.0	0.0	5
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	68	0.0	63	54.3	0.0	-3.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	1
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	81	0.0	125	54.3	0.0	-1.6	11.8	0.1	0.0	0.0	0.0	0.0	0.0	11

Receiver: RP06
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	33

Receiver Name	Receiver ID	X	Y	Z
RP06	RP06	17652586.84 m	4786749.91 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	90	0.0	250	54.3	0.0	-2.3	15.2	0.2	0.0	0.0	0.0	0.0	0.0	16
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	500	54.3	0.0	-2.3	18.5	0.3	0.0	0.0	0.0	0.0	0.0	20
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	1000	54.3	0.0	-2.3	21.5	0.5	0.0	0.0	0.0	0.0	0.0	17
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	96	0.0	2000	54.3	0.0	-2.3	23.5	1.4	0.0	0.0	0.0	0.0	0.0	13
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	92	0.0	4000	54.3	0.0	-2.3	25.0	4.8	0.0	0.0	0.0	0.0	0.0	4
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	67	0.0	63	58.9	0.0	-3.0	6.2	0.0	0.0	0.0	0.0	-1.0	0.0	4
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	80	0.0	125	58.9	0.0	-1.5	7.5	0.1	0.0	0.0	0.0	-5.0	0.0	10
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	84	0.0	250	58.9	0.0	-2.3	9.7	0.3	0.0	0.0	0.0	-9.0	0.0	9
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	87	0.0	500	58.9	0.0	-2.4	12.2	0.5	0.0	0.0	0.0	-10.0	0.0	8
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	89	0.0	1000	58.9	0.0	-2.4	15.0	0.9	0.0	0.0	0.0	-11.0	0.0	6
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	67	0.0	63	59.0	0.0	-3.0	7.3	0.0	0.0	0.0	0.0	-1.0	0.0	3
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	80	0.0	125	59.0	0.0	-1.6	9.1	0.1	0.0	0.0	0.0	-5.0	0.0	8
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	84	0.0	250	59.0	0.0	-2.4	11.8	0.3	0.0	0.0	0.0	-9.0	0.0	7
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	87	0.0	500	59.0	0.0	-2.4	14.7	0.5	0.0	0.0	0.0	-10.0	0.0	5
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	89	0.0	1000	59.0	0.0	-2.4	17.5	0.9	0.0	0.0	0.0	-11.0	0.0	3
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	67	0.0	63	59.0	0.0	-3.0	9.2	0.0	0.0	0.0	0.0	-1.0	0.0	1
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	80	0.0	125	59.0	0.0	-2.7	12.0	0.1	0.0	0.0	0.0	-5.0	0.0	7
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	84	0.0	250	59.0	0.0	-2.9	15.0	0.3	0.0	0.0	0.0	-9.0	0.0	4
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	87	0.0	500	59.0	0.0	-2.9	18.0	0.5	0.0	0.0	0.0	-10.0	0.0	2
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	89	0.0	1000	59.0	0.0	-2.9	20.7	0.9	0.0	0.0	0.0	-11.0	0.0	0
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	54.2	0.0	-1.1	10.9	0.1	0.0	0.0	0.0	-4.9	0.0	7
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	250	54.2	0.0	-2.1	14.2	0.2	0.0	0.0	0.0	-8.9	0.0	4
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	84	0.0	500	54.2	0.0	-2.3	17.3	0.3	0.0	0.0	0.0	-10.0	0.0	5
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	54.3	0.0	-0.7	10.6	0.1	0.0	0.0	0.0	-4.9	0.0	7
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	250	54.3	0.0	-1.9	13.9	0.2	0.0	0.0	0.0	-8.9	0.0	4
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	84	0.0	500	54.3	0.0	-2.1	17.0	0.3	0.0	0.0	0.0	-10.0	0.0	5
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	67	0.0	63	59.4	0.0	-3.0	7.6	0.0	0.0	0.0	0.0	-1.0	0.0	2
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	80	0.0	125	59.4	0.0	-1.8	9.5	0.1	0.0	0.0	0.0	-5.0	0.0	8
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	84	0.0	250	59.4	0.0	-2.4	12.2	0.3	0.0	0.0	0.0	-9.0	0.0	6
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	87	0.0	500	59.4	0.0	-2.5	15.1	0.5	0.0	0.0	0.0	-10.0	0.0	4
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	89	0.0	1000	59.4	0.0	-2.5	18.0	1.0	0.0	0.0	0.0	-11.0	0.0	2
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	67	0.0	63	59.4	0.0	-3.0	7.5	0.0	0.0	0.0	0.0	-1.0	0.0	2
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	80	0.0	125	59.4	0.0	-1.8	9.3	0.1	0.0	0.0	0.0	-5.0	0.0	8
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	84	0.0	250	59.4	0.0	-2.4	12.0	0.3	0.0	0.0	0.0	-9.0	0.0	6
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	87	0.0	500	59.4	0.0	-2.5	14.9	0.5	0.0	0.0	0.0	-10.0	0.0	4
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	89	0.0	1000	59.4	0.0	-2.5	17.8	1.0	0.0	0.0	0.0	-11.0	0.0	2
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	67	0.0	63	59.8	0.0	-3.0	5.4	0.0	0.0	0.0	0.0	-1.0	0.0	4
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	80	0.0	125	59.8	0.0	-1.3	6.4	0.1	0.0	0.0	0.0	-5.0	0.0	10
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	84	0.0	250	59.8	0.0	-2.2	8.1	0.3	0.0	0.0	0.0	-9.0	0.0	9
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	87	0.0	500	59.8	0.0	-2.3	10.2	0.5	0.0	0.0	0.0	-10.0	0.0	9
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	89	0.0	1000	59.8	0.0	-2.3	12.7	1.0	0.0	0.0	0.0	-11.0	0.0	7
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	89	0.0	1000	59.1	0.0	-2.8	20.6	0.9	0.0	0.0	0.0	-11.0	0.0	0
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	67	0.0	63	60.3	0.0	-3.0	5.6	0.0	0.0	0.0	0.0	-1.0	0.0	3

Receiver: RP06
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	33

Receiver Name	Receiver ID	X	Y	Z
RP06	RP06	17652586.84 m	4786749.91 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	80	0.0	125	60.3	0.0	-1.6	6.7	0.1	0.0	0.0	0.0	-5.0	0.0	9
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	84	0.0	250	60.3	0.0	-2.3	8.6	0.3	0.0	0.0	0.0	-9.0	0.0	9
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	87	0.0	500	60.3	0.0	-2.4	10.8	0.6	0.0	0.0	0.0	-10.0	0.0	8
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	89	0.0	1000	60.3	0.0	-2.4	13.3	1.1	0.0	0.0	0.0	-11.0	0.0	6
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	67	0.0	63	60.3	0.0	-3.0	5.6	0.0	0.0	0.0	0.0	-1.0	0.0	3
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	80	0.0	125	60.3	0.0	-1.6	6.7	0.1	0.0	0.0	0.0	-5.0	0.0	9
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	84	0.0	250	60.3	0.0	-2.3	8.5	0.3	0.0	0.0	0.0	-9.0	0.0	9
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	87	0.0	500	60.3	0.0	-2.4	10.7	0.6	0.0	0.0	0.0	-10.0	0.0	8
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	89	0.0	1000	60.3	0.0	-2.4	13.3	1.1	0.0	0.0	0.0	-11.0	0.0	6
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	84	0.0	500	59.6	0.0	-2.5	13.4	0.5	0.0	0.0	0.0	-10.0	0.0	3
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	89	0.0	1000	59.6	0.0	-2.5	16.3	1.0	0.0	0.0	0.0	-11.0	0.0	4
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	65	0.0	63	59.8	0.0	-3.0	5.5	0.0	0.0	0.0	0.0	-1.0	0.0	2
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	78	0.0	125	59.8	0.0	-1.5	6.6	0.1	0.0	0.0	0.0	-5.0	0.0	8
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	83	0.0	250	59.8	0.0	-2.3	8.4	0.3	0.0	0.0	0.0	-9.0	0.0	8
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	500	59.8	0.0	-2.3	10.6	0.5	0.0	0.0	0.0	-10.0	0.0	8
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	1000	59.8	0.0	-2.3	13.2	1.0	0.0	0.0	0.0	-11.0	0.0	4
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	67	0.0	63	60.7	0.0	-3.0	5.8	0.0	0.0	0.0	0.0	-1.0	0.0	2
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	80	0.0	125	60.7	0.0	-1.7	7.0	0.1	0.0	0.0	0.0	-5.0	0.0	9
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	84	0.0	250	60.7	0.0	-2.4	9.0	0.3	0.0	0.0	0.0	-9.0	0.0	8
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	87	0.0	500	60.7	0.0	-2.4	11.3	0.6	0.0	0.0	0.0	-10.0	0.0	7
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	89	0.0	1000	60.7	0.0	-2.4	13.9	1.1	0.0	0.0	0.0	-11.0	0.0	5
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	67	0.0	63	61.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	7
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	80	0.0	125	61.4	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	16
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	84	0.0	250	61.4	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	17
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	87	0.0	500	61.4	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	18
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	89	0.0	1000	61.4	0.0	-3.0	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	18
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	85	0.0	2000	61.4	0.0	-3.0	0.0	3.2	0.0	0.0	0.0	-12.0	0.0	12
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	80	0.0	125	61.6	0.0	-2.8	11.8	0.1	0.0	0.0	0.0	-5.0	0.0	4
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	84	0.0	250	61.6	0.0	-2.9	14.9	0.4	0.0	0.0	0.0	-9.0	0.0	2
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	67	0.0	63	61.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	7
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	80	0.0	125	61.6	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	16
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	84	0.0	250	61.6	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	16
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	87	0.0	500	61.6	0.0	-2.9	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	18
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	89	0.0	1000	61.6	0.0	-2.9	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	18
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	85	0.0	2000	61.6	0.0	-2.9	0.0	3.3	0.0	0.0	0.0	-12.0	0.0	11
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	61	0.0	63	56.8	0.0	-3.0	4.4	0.0	0.0	0.0	0.0	-1.0	0.0	2
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	74	0.0	125	56.8	0.0	1.9	4.1	0.1	0.0	0.0	0.0	-5.0	0.0	6
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	79	0.0	250	56.8	0.0	-0.4	4.9	0.2	0.0	0.0	0.0	-9.0	0.0	9
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	83	0.0	500	56.8	0.0	-0.5	5.5	0.4	0.0	0.0	0.0	-10.0	0.0	11
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	82	0.0	1000	56.8	0.0	-0.5	6.3	0.7	0.0	0.0	0.0	-11.0	0.0	8
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	81	0.0	2000	56.8	0.0	-0.5	7.5	1.9	0.0	0.0	0.0	-12.0	0.0	4
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	80	0.0	125	61.7	0.0	-3.0	12.5	0.1	0.0	0.0	0.0	-5.0	0.0	4
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	84	0.0	250	61.7	0.0	-3.0	15.4	0.4	0.0	0.0	0.0	-9.0	0.0	1

Receiver: RP06
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	33

Receiver Name	Receiver ID	X	Y	Z
RP06	RP06	17652586.84 m	4786749.91 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	80	0.0	125	61.7	0.0	-3.0	12.2	0.1	0.0	0.0	0.0	-5.0	0.0	4
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	84	0.0	250	61.7	0.0	-3.0	15.2	0.4	0.0	0.0	0.0	-9.0	0.0	1
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	80	0.0	125	61.7	0.0	-3.0	12.3	0.1	0.0	0.0	0.0	-5.0	0.0	4
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	84	0.0	250	61.7	0.0	-3.0	15.3	0.4	0.0	0.0	0.0	-9.0	0.0	1
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	61	0.0	63	57.7	0.0	-3.0	4.2	0.0	0.0	0.0	0.0	-1.0	0.0	1
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	74	0.0	125	57.7	0.0	1.3	4.0	0.1	0.0	0.0	0.0	-5.0	0.0	6
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	79	0.0	250	57.7	0.0	-0.7	4.6	0.2	0.0	0.0	0.0	-9.0	0.0	9
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	83	0.0	500	57.7	0.0	-0.8	4.9	0.4	0.0	0.0	0.0	-10.0	0.0	11
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	82	0.0	1000	57.7	0.0	-0.8	5.3	0.8	0.0	0.0	0.0	-11.0	0.0	8
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	81	0.0	2000	57.7	0.0	-0.8	5.7	2.1	0.0	0.0	0.0	-12.0	0.0	4
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	84	0.0	500	61.9	0.0	-3.0	7.8	0.7	0.0	0.0	0.0	-10.0	0.0	7
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	89	0.0	1000	61.9	0.0	-3.0	9.6	1.3	0.0	0.0	0.0	-11.0	0.0	8
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	87	0.0	2000	61.9	0.0	-3.0	11.8	3.4	0.0	0.0	0.0	-12.0	0.0	1
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	72	0.0	250	62.5	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	3
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	84	0.0	500	62.5	0.0	-2.8	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	13
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	89	0.0	1000	62.5	0.0	-2.8	0.0	1.4	0.0	0.0	0.0	-11.0	0.0	17
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	87	0.0	2000	62.5	0.0	-2.8	0.0	3.6	0.0	0.0	0.0	-12.0	0.0	12
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	76	0.0	125	59.0	0.0	-1.7	10.2	0.1	0.0	0.0	0.0	-5.0	0.0	4
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	79	0.0	250	59.0	0.0	-2.4	13.2	0.3	0.0	0.0	0.0	-9.0	0.0	0
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	84	0.0	500	59.0	0.0	-2.5	16.3	0.5	0.0	0.0	0.0	-10.0	0.0	1
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	74	0.0	125	59.0	0.0	1.2	3.9	0.1	0.0	0.0	0.0	-5.0	0.0	5
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	79	0.0	250	59.0	0.0	-0.7	4.5	0.3	0.0	0.0	0.0	-9.0	0.0	7
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	83	0.0	500	59.0	0.0	-0.8	4.7	0.5	0.0	0.0	0.0	-10.0	0.0	9
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	82	0.0	1000	59.0	0.0	-0.8	4.9	0.9	0.0	0.0	0.0	-11.0	0.0	7
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	81	0.0	2000	59.0	0.0	-0.8	5.0	2.4	0.0	0.0	0.0	-12.0	0.0	4
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	75	0.0	125	58.9	0.0	-2.2	11.6	0.1	0.0	0.0	0.0	-5.0	0.0	2
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	250	58.9	0.0	-2.6	14.7	0.3	0.0	0.0	0.0	-9.0	0.0	0
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	76	0.0	125	59.5	0.0	-1.8	9.1	0.1	0.0	0.0	0.0	-5.0	0.0	4
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	79	0.0	250	59.5	0.0	-2.4	11.8	0.3	0.0	0.0	0.0	-9.0	0.0	1
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	84	0.0	500	59.5	0.0	-2.5	14.7	0.5	0.0	0.0	0.0	-10.0	0.0	2
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	80	0.0	125	64.4	0.0	-3.6	5.8	0.2	0.0	0.0	0.0	-5.0	0.0	8
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	84	0.0	250	64.4	0.0	-3.6	7.0	0.5	0.0	0.0	0.0	-9.0	0.0	7
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	87	0.0	500	64.4	0.0	-3.6	8.6	0.9	0.0	0.0	0.0	-10.0	0.0	7
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	89	0.0	1000	64.4	0.0	-3.6	10.6	1.7	0.0	0.0	0.0	-11.0	0.0	5
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	80	0.0	125	64.5	0.0	-3.6	5.9	0.2	0.0	0.0	0.0	-5.0	0.0	8
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	84	0.0	250	64.5	0.0	-3.6	7.1	0.5	0.0	0.0	0.0	-9.0	0.0	7
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	87	0.0	500	64.5	0.0	-3.6	8.8	0.9	0.0	0.0	0.0	-10.0	0.0	6
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	89	0.0	1000	64.5	0.0	-3.6	10.8	1.7	0.0	0.0	0.0	-11.0	0.0	5
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	61	0.0	63	59.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	3
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	74	0.0	125	59.8	0.0	1.3	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	8
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	79	0.0	250	59.8	0.0	-0.7	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	11
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	83	0.0	500	59.8	0.0	-0.8	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	13
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	82	0.0	1000	59.8	0.0	-0.8	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	11

Receiver: RP06
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	33

Receiver Name	Receiver ID	X	Y	Z
RP06	RP06	17652586.84 m	4786749.91 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	81	0.0	2000	59.8	0.0	-0.8	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	8
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	76	0.0	125	61.4	0.0	-2.8	11.8	0.1	0.0	0.0	0.0	-5.0	0.0	0
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	76	0.0	125	61.7	0.0	-2.7	11.6	0.1	0.0	0.0	0.0	-5.0	0.0	0
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	76	0.0	125	61.7	0.0	-2.8	11.8	0.1	0.0	0.0	0.0	-5.0	0.0	0
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	76	0.0	125	62.6	0.0	-1.1	0.0	0.2	0.0	0.0	0.0	-5.0	0.0	9
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	250	62.6	0.0	-2.2	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	9
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	84	0.0	500	62.6	0.0	-2.4	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	13
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	83	0.0	1000	62.6	0.0	-2.4	0.0	1.4	0.0	0.0	0.0	-11.0	0.0	10
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	2000	62.6	0.0	-2.4	0.0	3.7	0.0	0.0	0.0	-12.0	0.0	3
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	76	0.0	125	63.1	0.0	-1.7	0.0	0.2	0.0	0.0	0.0	-5.0	0.0	9
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	250	63.1	0.0	-2.5	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	9
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	84	0.0	500	63.1	0.0	-2.7	0.0	0.8	0.0	0.0	0.0	-10.0	0.0	13
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	83	0.0	1000	63.1	0.0	-2.7	0.0	1.5	0.0	0.0	0.0	-11.0	0.0	10
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	2000	63.1	0.0	-2.7	0.0	3.9	0.0	0.0	0.0	-12.0	0.0	3
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	70	0.0	125	58.3	0.0	-1.0	7.5	0.1	0.0	0.0	0.0	-5.0	0.0	1
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	79	0.0	500	58.3	0.0	-2.2	12.3	0.4	0.0	0.0	0.0	-10.0	0.0	1
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	72	0.0	63	54.0	0.0	-3.0	13.5	0.0	0.0	0.0	0.0	0.0	0.0	2
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	87	0.0	125	54.0	0.0	-1.5	15.9	0.1	0.0	0.0	0.0	0.0	0.0	12
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	91	0.0	250	54.0	0.0	-2.2	19.2	0.1	0.0	0.0	0.0	0.0	0.0	14
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	98	0.0	500	54.0	0.0	-2.3	22.2	0.3	0.0	0.0	0.0	0.0	0.0	18
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	100	0.0	1000	54.0	0.0	-2.3	24.2	0.5	0.0	0.0	0.0	0.0	0.0	18
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	99	0.0	2000	54.0	0.0	-2.3	25.5	1.4	0.0	0.0	0.0	0.0	0.0	14
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	94	0.0	4000	54.0	0.0	-2.3	26.3	4.6	0.0	0.0	0.0	0.0	0.0	5

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP07	RP07	17652566.00 m	4786807.33 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L01	15-Ton Pass-by	17652675.5	4786882.7	1.5	0	52	3.3	125	53.5	0.0	-2.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	4
L01	15-Ton Pass-by	17652675.5	4786882.7	1.5	0	57	3.3	250	53.5	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	9
L01	15-Ton Pass-by	17652675.5	4786882.7	1.5	0	63	3.3	500	53.5	0.0	-2.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	15
L01	15-Ton Pass-by	17652675.5	4786882.7	1.5	0	63	3.3	1000	53.5	0.0	-2.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	14
L01	15-Ton Pass-by	17652675.5	4786882.7	1.5	0	61	3.3	2000	53.5	0.0	-2.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652675.5	4786882.7	1.5	0	55	3.3	4000	53.5	0.0	-2.5	0.0	4.4	0.0	0.0	0.0	0.0	0.0	3
L01	15-Ton Pass-by	17652670.0	4786882.7	1.5	0	41	9.5	63	53.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
L01	15-Ton Pass-by	17652670.0	4786882.7	1.5	0	52	9.5	125	53.2	0.0	-1.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652670.0	4786882.7	1.5	0	57	9.5	250	53.2	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	16
L01	15-Ton Pass-by	17652670.0	4786882.7	1.5	0	63	9.5	500	53.2	0.0	-2.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	21
L01	15-Ton Pass-by	17652670.0	4786882.7	1.5	0	63	9.5	1000	53.2	0.0	-2.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	21
L01	15-Ton Pass-by	17652670.0	4786882.7	1.5	0	61	9.5	2000	53.2	0.0	-2.5	0.0	1.2	0.0	0.0	0.0	0.0	0.0	18
L01	15-Ton Pass-by	17652670.0	4786882.7	1.5	0	55	9.5	4000	53.2	0.0	-2.5	0.0	4.2	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652655.1	4786882.7	1.5	0	41	13.2	63	52.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5
L01	15-Ton Pass-by	17652655.1	4786882.7	1.5	0	52	13.2	125	52.3	0.0	-1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15
L01	15-Ton Pass-by	17652655.1	4786882.7	1.5	0	57	13.2	250	52.3	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	20
L01	15-Ton Pass-by	17652655.1	4786882.7	1.5	0	63	13.2	500	52.3	0.0	-2.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	26
L01	15-Ton Pass-by	17652655.1	4786882.7	1.5	0	63	13.2	1000	52.3	0.0	-2.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	26
L01	15-Ton Pass-by	17652655.1	4786882.7	1.5	0	61	13.2	2000	52.3	0.0	-2.5	0.0	1.1	0.0	0.0	0.0	0.0	0.0	23
L01	15-Ton Pass-by	17652655.1	4786882.7	1.5	0	55	13.2	4000	52.3	0.0	-2.5	0.0	3.8	0.0	0.0	0.0	0.0	0.0	15
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	41	10.4	63	53.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	52	10.4	125	53.4	0.0	-2.1	0.0	0.1	0.0	0.0	0.0	0.0	0.0	11
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	57	10.4	250	53.4	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	16
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	63	10.4	500	53.4	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	22
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	63	10.4	1000	53.4	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	22
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	61	10.4	2000	53.4	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	19
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	55	10.4	4000	53.4	0.0	-2.6	0.0	4.3	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652678.9	4786877.9	1.5	0	41	10.3	63	53.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1
L01	15-Ton Pass-by	17652678.9	4786877.9	1.5	0	52	10.3	125	53.5	0.0	-2.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	11
L01	15-Ton Pass-by	17652678.9	4786877.9	1.5	0	57	10.3	250	53.5	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	16
L01	15-Ton Pass-by	17652678.9	4786877.9	1.5	0	63	10.3	500	53.5	0.0	-2.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	22
L01	15-Ton Pass-by	17652678.9	4786877.9	1.5	0	63	10.3	1000	53.5	0.0	-2.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	21
L01	15-Ton Pass-by	17652678.9	4786877.9	1.5	0	61	10.3	2000	53.5	0.0	-2.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	19
L01	15-Ton Pass-by	17652678.9	4786877.9	1.5	0	55	10.3	4000	53.5	0.0	-2.5	0.0	4.4	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652683.4	4786867.6	1.5	0	52	5.8	125	53.4	0.0	-2.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	7
L01	15-Ton Pass-by	17652683.4	4786867.6	1.5	0	57	5.8	250	53.4	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652683.4	4786867.6	1.5	0	63	5.8	500	53.4	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	18
L01	15-Ton Pass-by	17652683.4	4786867.6	1.5	0	63	5.8	1000	53.4	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	17
L01	15-Ton Pass-by	17652683.4	4786867.6	1.5	0	61	5.8	2000	53.4	0.0	-2.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	14
L01	15-Ton Pass-by	17652683.4	4786867.6	1.5	0	55	5.8	4000	53.4	0.0	-2.7	0.0	4.3	0.0	0.0	0.0	0.0	0.0	6
L01	15-Ton Pass-by	17652682.0	4786871.3	1.5	0	52	6.1	125	53.4	0.0	-2.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	7
L01	15-Ton Pass-by	17652682.0	4786871.3	1.5	0	57	6.1	250	53.4	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652682.0	4786871.3	1.5	0	63	6.1	500	53.4	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	18

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP07	RP07	17652566.00 m	4786807.33 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L01	15-Ton Pass-by	17652682.0	4786871.3	1.5	0	63	6.1	1000	53.4	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	17
L01	15-Ton Pass-by	17652682.0	4786871.3	1.5	0	61	6.1	2000	53.4	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	15
L01	15-Ton Pass-by	17652682.0	4786871.3	1.5	0	55	6.1	4000	53.4	0.0	-2.6	0.0	4.3	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652648.9	4786967.2	1.5	0	52	15.8	125	56.1	0.0	-2.7	7.5	0.1	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652648.9	4786967.2	1.5	0	57	15.8	250	56.1	0.0	-2.9	7.7	0.2	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652648.9	4786967.2	1.5	0	63	15.8	500	56.1	0.0	-2.9	7.8	0.3	0.0	0.0	0.0	0.0	0.0	17
L02	15-Ton Pass-by 2	17652648.9	4786967.2	1.5	0	63	15.8	1000	56.1	0.0	-2.9	7.9	0.7	0.0	0.0	0.0	0.0	0.0	17
L02	15-Ton Pass-by 2	17652648.9	4786967.2	1.5	0	61	15.8	2000	56.1	0.0	-2.9	8.1	1.7	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652648.9	4786967.2	1.5	0	55	15.8	4000	56.1	0.0	-2.9	8.5	5.9	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652627.2	4786966.2	1.5	0	52	7.2	125	55.6	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652627.2	4786966.2	1.5	0	57	7.2	250	55.6	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652627.2	4786966.2	1.5	0	63	7.2	500	55.6	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	17
L02	15-Ton Pass-by 2	17652627.2	4786966.2	1.5	0	63	7.2	1000	55.6	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	16
L02	15-Ton Pass-by 2	17652627.2	4786966.2	1.5	0	61	7.2	2000	55.6	0.0	-2.9	0.0	1.6	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652627.2	4786966.2	1.5	0	55	7.2	4000	55.6	0.0	-2.9	0.0	5.6	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	52	8.9	125	55.5	0.0	-2.7	3.4	0.1	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	57	8.9	250	55.5	0.0	-2.8	3.8	0.2	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	63	8.9	500	55.5	0.0	-2.8	4.4	0.3	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	63	8.9	1000	55.5	0.0	-2.8	5.2	0.6	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	61	8.9	2000	55.5	0.0	-2.8	6.0	1.6	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652584.0	4786964.2	1.5	0	52	18.2	125	55.0	0.0	-2.7	7.8	0.1	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652584.0	4786964.2	1.5	0	57	18.2	250	55.0	0.0	-2.9	8.2	0.2	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652584.0	4786964.2	1.5	0	63	18.2	500	55.0	0.0	-2.9	8.7	0.3	0.0	0.0	0.0	0.0	0.0	20
L02	15-Ton Pass-by 2	17652584.0	4786964.2	1.5	0	63	18.2	1000	55.0	0.0	-2.9	9.6	0.6	0.0	0.0	0.0	0.0	0.0	19
L02	15-Ton Pass-by 2	17652584.0	4786964.2	1.5	0	61	18.2	2000	55.0	0.0	-2.9	10.9	1.5	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652584.0	4786964.2	1.5	0	55	18.2	4000	55.0	0.0	-2.9	12.8	5.2	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652537.0	4786962.0	1.5	0	52	14.5	125	54.9	0.0	-3.0	7.7	0.1	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652537.0	4786962.0	1.5	0	57	14.5	250	54.9	0.0	-3.0	8.5	0.2	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652537.0	4786962.0	1.5	0	63	14.5	500	54.9	0.0	-3.0	9.4	0.3	0.0	0.0	0.0	0.0	0.0	16
L02	15-Ton Pass-by 2	17652537.0	4786962.0	1.5	0	63	14.5	1000	54.9	0.0	-3.0	10.7	0.6	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652537.0	4786962.0	1.5	0	61	14.5	2000	54.9	0.0	-3.0	12.5	1.5	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652599.9	4787020.3	1.5	0	52	14.7	125	57.7	0.0	-2.7	7.5	0.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652599.9	4787020.3	1.5	0	57	14.7	250	57.7	0.0	-2.9	7.6	0.2	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652599.9	4787020.3	1.5	0	63	14.7	500	57.7	0.0	-2.9	7.7	0.4	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652599.9	4787020.3	1.5	0	63	14.7	1000	57.7	0.0	-2.9	7.7	0.8	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652599.9	4787020.3	1.5	0	61	14.7	2000	57.7	0.0	-2.9	7.7	2.1	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652599.9	4787020.3	1.5	0	55	14.7	4000	57.7	0.0	-2.9	7.7	7.1	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652626.2	4787021.3	1.5	0	52	13.6	125	57.9	0.0	-2.7	8.2	0.1	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652626.2	4787021.3	1.5	0	57	13.6	250	57.9	0.0	-2.9	8.9	0.2	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652626.2	4787021.3	1.5	0	63	13.6	500	57.9	0.0	-2.9	9.9	0.4	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652626.2	4787021.3	1.5	0	63	13.6	1000	57.9	0.0	-2.9	11.4	0.8	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652626.2	4787021.3	1.5	0	61	13.6	2000	57.9	0.0	-2.9	13.4	2.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652641.3	4787021.8	1.5	0	57	8.8	250	58.1	0.0	-2.9	8.9	0.2	0.0	0.0	0.0	0.0	0.0	1

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP07	RP07	17652566.00 m	4786807.33 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L02	15-Ton Pass-by 2	17652641.3	4787021.8	1.5	0	63	8.8	500	58.1	0.0	-2.9	9.9	0.4	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652641.3	4787021.8	1.5	0	63	8.8	1000	58.1	0.0	-2.9	11.4	0.8	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652648.7	4787022.1	1.5	0	57	8.6	250	58.2	0.0	-2.9	8.9	0.2	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652648.7	4787022.1	1.5	0	63	8.6	500	58.2	0.0	-2.9	9.9	0.4	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652648.7	4787022.1	1.5	0	63	8.6	1000	58.2	0.0	-2.9	11.4	0.8	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652655.0	4787022.3	1.5	0	63	7.3	500	58.3	0.0	-2.9	9.9	0.4	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652655.0	4787022.3	1.5	0	63	7.3	1000	58.3	0.0	-2.9	11.3	0.9	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652673.4	4787023.0	1.5	0	52	15.0	125	58.6	0.0	-2.8	8.2	0.1	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652673.4	4787023.0	1.5	0	57	15.0	250	58.6	0.0	-2.9	8.9	0.3	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652673.4	4787023.0	1.5	0	63	15.0	500	58.6	0.0	-2.9	9.8	0.5	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652673.4	4787023.0	1.5	0	63	15.0	1000	58.6	0.0	-2.9	11.2	0.9	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652673.4	4787023.0	1.5	0	61	15.0	2000	58.6	0.0	-2.9	13.2	2.3	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652692.7	4787009.8	1.5	0	57	10.2	250	58.6	0.0	-2.9	7.8	0.2	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652692.7	4787009.8	1.5	0	63	10.2	500	58.6	0.0	-2.9	8.6	0.5	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652692.7	4787009.8	1.5	0	63	10.2	1000	58.6	0.0	-2.9	9.7	0.9	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652692.7	4787009.8	1.5	0	61	10.2	2000	58.6	0.0	-2.9	11.1	2.3	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652692.0	4786998.7	1.5	0	52	10.7	125	58.2	0.0	-2.7	6.3	0.1	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652692.0	4786998.7	1.5	0	57	10.7	250	58.2	0.0	-2.9	7.4	0.2	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652692.0	4786998.7	1.5	0	63	10.7	500	58.2	0.0	-2.9	8.6	0.4	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652692.0	4786998.7	1.5	0	63	10.7	1000	58.2	0.0	-2.9	10.0	0.8	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652692.0	4786998.7	1.5	0	61	10.7	2000	58.2	0.0	-2.9	11.9	2.2	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652691.3	4786987.2	1.5	0	52	10.6	125	57.8	0.0	-2.7	3.6	0.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652691.3	4786987.2	1.5	0	57	10.6	250	57.8	0.0	-2.9	4.2	0.2	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652691.3	4786987.2	1.5	0	63	10.6	500	57.8	0.0	-2.9	4.9	0.4	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652691.3	4786987.2	1.5	0	63	10.6	1000	57.8	0.0	-2.9	5.6	0.8	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652691.3	4786987.2	1.5	0	61	10.6	2000	57.8	0.0	-2.9	6.4	2.1	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652690.8	4786979.1	1.5	0	57	6.9	250	57.5	0.0	-2.9	7.7	0.2	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652690.8	4786979.1	1.5	0	63	6.9	500	57.5	0.0	-2.9	7.8	0.4	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652690.8	4786979.1	1.5	0	63	6.9	1000	57.5	0.0	-2.9	8.0	0.8	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652690.8	4786979.1	1.5	0	61	6.9	2000	57.5	0.0	-2.9	8.2	2.1	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	52	15.0	125	58.1	0.0	-2.8	7.6	0.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	57	15.0	250	58.1	0.0	-2.9	7.7	0.2	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	63	15.0	500	58.1	0.0	-2.9	7.7	0.4	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	63	15.0	1000	58.1	0.0	-2.9	7.7	0.8	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	61	15.0	2000	58.1	0.0	-2.9	7.7	2.2	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652688.4	4786975.7	1.5	0	57	6.7	250	57.4	0.0	-2.9	7.8	0.2	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652688.4	4786975.7	1.5	0	63	6.7	500	57.4	0.0	-2.9	7.9	0.4	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652688.4	4786975.7	1.5	0	63	6.7	1000	57.4	0.0	-2.9	8.2	0.8	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652688.4	4786975.7	1.5	0	61	6.7	2000	57.4	0.0	-2.9	8.6	2.0	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	52	12.9	125	56.9	0.0	-2.7	4.4	0.1	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	57	12.9	250	56.9	0.0	-2.9	5.2	0.2	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	63	12.9	500	56.9	0.0	-2.9	6.0	0.4	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	63	12.9	1000	56.9	0.0	-2.9	6.7	0.7	0.0	0.0	0.0	0.0	0.0	14

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP07	RP07	17652566.00 m	4786807.33 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L02	15-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	61	12.9	2000	56.9	0.0	-2.9	7.1	1.9	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	55	12.9	4000	56.9	0.0	-2.9	7.4	6.5	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652691.1	4787019.3	1.5	0	57	9.7	250	58.8	0.0	-2.9	8.1	0.3	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652691.1	4787019.3	1.5	0	63	9.7	500	58.8	0.0	-2.9	8.9	0.5	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652691.1	4787019.3	1.5	0	63	9.7	1000	58.8	0.0	-2.9	9.9	0.9	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652691.1	4787019.3	1.5	0	61	9.7	2000	58.8	0.0	-2.9	11.5	2.4	0.0	0.0	0.0	0.0	0.0	1
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	60	0.0	32	51.8	0.0	-3.0	3.4	0.0	0.0	0.0	0.0	0.0	0.0	1
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	71	0.0	63	51.8	0.0	-3.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	12
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	84	0.0	125	51.8	0.0	-1.9	3.8	0.0	0.0	0.0	0.0	0.0	0.0	24
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	91	0.0	250	51.8	0.0	-2.4	4.9	0.1	0.0	0.0	0.0	0.0	0.0	30
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	500	51.8	0.0	-2.5	6.1	0.2	0.0	0.0	0.0	0.0	0.0	34
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	98	0.0	1000	51.8	0.0	-2.5	7.6	0.4	0.0	0.0	0.0	0.0	0.0	35
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	2000	51.8	0.0	-2.5	9.5	1.1	0.0	0.0	0.0	0.0	0.0	30
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	89	0.0	4000	51.8	0.0	-2.5	11.7	3.6	0.0	0.0	0.0	0.0	0.0	18
L03	5-Ton Pass-by	17652675.5	4786882.7	1.5	0	50	3.3	1000	53.5	0.0	-2.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2
L03	5-Ton Pass-by	17652670.0	4786882.7	1.5	0	47	9.5	500	53.2	0.0	-2.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652670.0	4786882.7	1.5	0	50	9.5	1000	53.2	0.0	-2.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	9
L03	5-Ton Pass-by	17652670.0	4786882.7	1.5	0	47	9.5	2000	53.2	0.0	-2.5	0.0	1.2	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652655.1	4786882.7	1.5	0	41	13.2	250	52.3	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	4
L03	5-Ton Pass-by	17652655.1	4786882.7	1.5	0	47	13.2	500	52.3	0.0	-2.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	10
L03	5-Ton Pass-by	17652655.1	4786882.7	1.5	0	50	13.2	1000	52.3	0.0	-2.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	13
L03	5-Ton Pass-by	17652655.1	4786882.7	1.5	0	47	13.2	2000	52.3	0.0	-2.5	0.0	1.1	0.0	0.0	0.0	0.0	0.0	9
L03	5-Ton Pass-by	17652655.1	4786882.7	1.5	0	44	13.2	4000	52.3	0.0	-2.5	0.0	3.8	0.0	0.0	0.0	0.0	0.0	4
L03	5-Ton Pass-by	17652686.0	4786860.8	1.5	0	47	10.4	500	53.4	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	6
L03	5-Ton Pass-by	17652686.0	4786860.8	1.5	0	50	10.4	1000	53.4	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	10
L03	5-Ton Pass-by	17652686.0	4786860.8	1.5	0	47	10.4	2000	53.4	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652678.9	4786877.9	1.5	0	47	10.3	500	53.5	0.0	-2.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	6
L03	5-Ton Pass-by	17652678.9	4786877.9	1.5	0	50	10.3	1000	53.5	0.0	-2.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	9
L03	5-Ton Pass-by	17652678.9	4786877.9	1.5	0	47	10.3	2000	53.5	0.0	-2.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652683.4	4786867.6	1.5	0	47	5.8	500	53.4	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	2
L03	5-Ton Pass-by	17652683.4	4786867.6	1.5	0	50	5.8	1000	53.4	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652683.4	4786867.6	1.5	0	47	5.8	2000	53.4	0.0	-2.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1
L03	5-Ton Pass-by	17652682.0	4786871.3	1.5	0	47	6.1	500	53.4	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	2
L03	5-Ton Pass-by	17652682.0	4786871.3	1.5	0	50	6.1	1000	53.4	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652682.0	4786871.3	1.5	0	47	6.1	2000	53.4	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	1
L04	5-Ton Pass-by 2	17652648.9	4786967.2	1.5	0	52	15.8	500	56.1	0.0	-2.9	7.8	0.3	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652648.9	4786967.2	1.5	0	55	15.8	1000	56.1	0.0	-2.9	7.9	0.7	0.0	0.0	0.0	0.0	0.0	9
L04	5-Ton Pass-by 2	17652648.9	4786967.2	1.5	0	52	15.8	2000	56.1	0.0	-2.9	8.1	1.7	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652627.2	4786966.2	1.5	0	52	7.2	500	55.6	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652627.2	4786966.2	1.5	0	55	7.2	1000	55.6	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	9
L04	5-Ton Pass-by 2	17652627.2	4786966.2	1.5	0	52	7.2	2000	55.6	0.0	-2.9	0.0	1.6	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	52	8.9	500	55.5	0.0	-2.8	4.4	0.3	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	55	8.9	1000	55.5	0.0	-2.8	5.2	0.6	0.0	0.0	0.0	0.0	0.0	6

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise
Project: Sources)
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP07	RP07	17652566.00 m	4786807.33 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L04	5-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	52	8.9	2000	55.5	0.0	-2.8	6.0	1.6	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652584.0	4786964.2	1.5	0	45	18.2	250	55.0	0.0	-2.9	8.2	0.2	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652584.0	4786964.2	1.5	0	52	18.2	500	55.0	0.0	-2.9	8.7	0.3	0.0	0.0	0.0	0.0	0.0	9
L04	5-Ton Pass-by 2	17652584.0	4786964.2	1.5	0	55	18.2	1000	55.0	0.0	-2.9	9.6	0.6	0.0	0.0	0.0	0.0	0.0	11
L04	5-Ton Pass-by 2	17652584.0	4786964.2	1.5	0	52	18.2	2000	55.0	0.0	-2.9	10.9	1.5	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652537.0	4786962.0	1.5	0	52	14.5	500	54.9	0.0	-3.0	9.4	0.3	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652537.0	4786962.0	1.5	0	55	14.5	1000	54.9	0.0	-3.0	10.7	0.6	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652537.0	4786962.0	1.5	0	52	14.5	2000	54.9	0.0	-3.0	12.5	1.5	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652599.9	4787020.3	1.5	0	52	14.7	500	57.7	0.0	-2.9	7.7	0.4	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652599.9	4787020.3	1.5	0	55	14.7	1000	57.7	0.0	-2.9	7.7	0.8	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652599.9	4787020.3	1.5	0	52	14.7	2000	57.7	0.0	-2.9	7.7	2.1	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652626.2	4787021.3	1.5	0	55	13.6	1000	57.9	0.0	-2.9	11.4	0.8	0.0	0.0	0.0	0.0	0.0	1
L04	5-Ton Pass-by 2	17652673.4	4787023.0	1.5	0	52	15.0	500	58.6	0.0	-2.9	9.8	0.5	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652673.4	4787023.0	1.5	0	55	15.0	1000	58.6	0.0	-2.9	11.2	0.9	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652691.3	4786987.2	1.5	0	52	10.6	500	57.8	0.0	-2.9	4.9	0.4	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652691.3	4786987.2	1.5	0	55	10.6	1000	57.8	0.0	-2.9	5.6	0.8	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	52	15.0	500	58.1	0.0	-2.9	7.7	0.4	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	55	15.0	1000	58.1	0.0	-2.9	7.7	0.8	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652576.5	4787033.0	1.5	0	52	15.0	2000	58.1	0.0	-2.9	7.7	2.2	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	52	12.9	500	56.9	0.0	-2.9	6.0	0.4	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	55	12.9	1000	56.9	0.0	-2.9	6.7	0.7	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652677.0	4786971.5	1.5	0	52	12.9	2000	56.9	0.0	-2.9	7.1	1.9	0.0	0.0	0.0	0.0	0.0	2
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	59	0.0	32	53.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	67	0.0	63	53.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	80	0.0	125	53.1	0.0	-2.2	0.0	0.1	0.0	0.0	0.0	0.0	0.0	23
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	250	53.1	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	28
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	91	0.0	500	53.1	0.0	-2.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	34
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	92	0.0	1000	53.1	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	35
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	90	0.0	2000	53.1	0.0	-2.6	0.0	1.2	0.0	0.0	0.0	0.0	0.0	32
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	4000	53.1	0.0	-2.6	0.0	4.2	0.0	0.0	0.0	0.0	0.0	24
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	81	0.0	8000	53.1	0.0	-2.6	0.0	14.9	0.0	0.0	0.0	0.0	0.0	9
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	57	0.0	32	51.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	68	0.0	63	51.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	81	0.0	125	51.5	0.0	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	90	0.0	250	51.5	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	35
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	500	51.5	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	42
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	1000	51.5	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	41
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	96	0.0	2000	51.5	0.0	-2.7	0.0	1.0	0.0	0.0	0.0	0.0	0.0	40
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	92	0.0	4000	51.5	0.0	-2.7	0.0	3.5	0.0	0.0	0.0	0.0	0.0	34
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	85	0.0	8000	51.5	0.0	-2.7	0.0	12.3	0.0	0.0	0.0	0.0	0.0	17
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	50.0	0.0	-1.6	0.0	0.0	0.0	0.0	0.0	-4.9	0.0	23
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	250	50.0	0.0	-2.3	0.0	0.1	0.0	0.0	0.0	-8.9	0.0	22
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	84	0.0	500	50.0	0.0	-2.4	0.0	0.2	0.0	0.0	0.0	-10.0	0.0	26

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP07	RP07	17652566.00 m	4786807.33 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	83	0.0	1000	50.0	0.0	-2.4	0.0	0.3	0.0	0.0	0.0	-11.0	0.0	24
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	2000	50.0	0.0	-2.4	0.0	0.9	0.0	0.0	0.0	-12.0	0.0	19
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	73	0.0	4000	50.0	0.0	-2.4	0.0	2.9	0.0	0.0	0.0	-13.0	0.0	10
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	50.3	0.0	-1.6	0.0	0.0	0.0	0.0	0.0	-4.9	0.0	22
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	250	50.3	0.0	-2.3	0.0	0.1	0.0	0.0	0.0	-8.9	0.0	22
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	84	0.0	500	50.3	0.0	-2.4	0.0	0.2	0.0	0.0	0.0	-10.0	0.0	26
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	83	0.0	1000	50.3	0.0	-2.4	0.0	0.3	0.0	0.0	0.0	-11.0	0.0	24
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	2000	50.3	0.0	-2.4	0.0	0.9	0.0	0.0	0.0	-12.0	0.0	18
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	73	0.0	4000	50.3	0.0	-2.4	0.0	3.0	0.0	0.0	0.0	-13.0	0.0	9
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	67	0.0	63	56.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	12
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	80	0.0	125	56.7	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	21
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	84	0.0	250	56.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	22
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	87	0.0	500	56.7	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	23
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	89	0.0	1000	56.7	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-11.0	0.0	24
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	85	0.0	2000	56.7	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-12.0	0.0	18
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	78	0.0	4000	56.7	0.0	-3.0	0.0	6.3	0.0	0.0	0.0	-13.0	0.0	5
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	67	0.0	63	57.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	12
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	80	0.0	125	57.3	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	20
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	84	0.0	250	57.3	0.0	-2.8	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	21
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	87	0.0	500	57.3	0.0	-2.8	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	22
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	89	0.0	1000	57.3	0.0	-2.8	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	23
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	85	0.0	2000	57.3	0.0	-2.8	0.0	2.0	0.0	0.0	0.0	-12.0	0.0	17
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	78	0.0	4000	57.3	0.0	-2.8	0.0	6.8	0.0	0.0	0.0	-13.0	0.0	4
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	61	0.0	125	56.8	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	2
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	72	0.0	250	56.8	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	10
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	84	0.0	500	56.8	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	20
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	89	0.0	1000	56.8	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-11.0	0.0	24
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	87	0.0	2000	56.8	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-12.0	0.0	20
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	81	0.0	4000	56.8	0.0	-3.0	0.0	6.4	0.0	0.0	0.0	-13.0	0.0	8
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	67	0.0	63	57.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	11
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	80	0.0	125	57.7	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	20
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	84	0.0	250	57.7	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	20
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	87	0.0	500	57.7	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	22
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	89	0.0	1000	57.7	0.0	-2.9	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	22
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	85	0.0	2000	57.7	0.0	-2.9	0.0	2.1	0.0	0.0	0.0	-12.0	0.0	16
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	78	0.0	4000	57.7	0.0	-2.9	0.0	7.1	0.0	0.0	0.0	-13.0	0.0	3
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	67	0.0	63	57.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	11
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	80	0.0	125	57.8	0.0	-2.3	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	19
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	84	0.0	250	57.8	0.0	-2.6	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	20
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	87	0.0	500	57.8	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	21
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	89	0.0	1000	57.8	0.0	-2.7	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	22
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	85	0.0	2000	57.8	0.0	-2.7	0.0	2.1	0.0	0.0	0.0	-12.0	0.0	16
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	78	0.0	4000	57.8	0.0	-2.7	0.0	7.1	0.0	0.0	0.0	-13.0	0.0	3

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP07	RP07	17652566.00 m	4786807.33 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	67	0.0	63	57.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	11
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	80	0.0	125	57.8	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	20
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	84	0.0	250	57.8	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	20
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	87	0.0	500	57.8	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	22
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	89	0.0	1000	57.8	0.0	-2.9	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	22
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	85	0.0	2000	57.8	0.0	-2.9	0.0	2.1	0.0	0.0	0.0	-12.0	0.0	16
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	78	0.0	4000	57.8	0.0	-2.9	0.0	7.2	0.0	0.0	0.0	-13.0	0.0	3
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	67	0.0	63	59.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	10
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	80	0.0	125	59.0	0.0	-2.3	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	84	0.0	250	59.0	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	19
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	87	0.0	500	59.0	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	20
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	89	0.0	1000	59.0	0.0	-2.7	0.0	0.9	0.0	0.0	0.0	-11.0	0.0	21
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	85	0.0	2000	59.0	0.0	-2.7	0.0	2.4	0.0	0.0	0.0	-12.0	0.0	14
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	78	0.0	4000	59.0	0.0	-2.7	0.0	8.3	0.0	0.0	0.0	-13.0	0.0	0
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	61	0.0	125	58.3	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	0
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	72	0.0	250	58.3	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	-9.0	0.0	8
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	84	0.0	500	58.3	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	18
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	89	0.0	1000	58.3	0.0	-2.9	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	22
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	87	0.0	2000	58.3	0.0	-2.9	0.0	2.2	0.0	0.0	0.0	-12.0	0.0	18
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	81	0.0	4000	58.3	0.0	-2.9	0.0	7.6	0.0	0.0	0.0	-13.0	0.0	5
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	67	0.0	63	59.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	80	0.0	125	59.5	0.0	-2.4	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	84	0.0	250	59.5	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	87	0.0	500	59.5	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	20
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	89	0.0	1000	59.5	0.0	-2.7	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	85	0.0	2000	59.5	0.0	-2.7	0.0	2.6	0.0	0.0	0.0	-12.0	0.0	14
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	67	0.0	63	59.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	80	0.0	125	59.6	0.0	-2.4	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	84	0.0	250	59.6	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	87	0.0	500	59.6	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	20
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	89	0.0	1000	59.6	0.0	-2.7	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	85	0.0	2000	59.6	0.0	-2.7	0.0	2.6	0.0	0.0	0.0	-12.0	0.0	14
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	65	0.0	63	59.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	8
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	78	0.0	125	59.0	0.0	-2.4	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	16
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	83	0.0	250	59.0	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	500	59.0	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	20
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	1000	59.0	0.0	-2.7	0.0	0.9	0.0	0.0	0.0	-11.0	0.0	19
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	85	0.0	2000	59.0	0.0	-2.7	0.0	2.4	0.0	0.0	0.0	-12.0	0.0	15
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	81	0.0	4000	59.0	0.0	-2.7	0.0	8.2	0.0	0.0	0.0	-13.0	0.0	4
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	67	0.0	63	59.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	80	0.0	125	59.9	0.0	-2.4	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	17
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	84	0.0	250	59.9	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	87	0.0	500	59.9	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	19

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP07	RP07	17652566.00 m	4786807.33 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	89	0.0	1000	59.9	0.0	-2.7	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	85	0.0	2000	59.9	0.0	-2.7	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	13
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	67	0.0	63	59.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	80	0.0	125	59.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	84	0.0	250	59.9	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	87	0.0	500	59.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	19
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	89	0.0	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	85	0.0	2000	59.9	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	14
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	67	0.0	63	60.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	80	0.0	125	60.0	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	84	0.0	250	60.0	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	87	0.0	500	60.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	19
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	89	0.0	1000	60.0	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	85	0.0	2000	60.0	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	14
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	67	0.0	63	60.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	80	0.0	125	60.0	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	84	0.0	250	60.0	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	87	0.0	500	60.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	19
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	89	0.0	1000	60.0	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	85	0.0	2000	60.0	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	14
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	67	0.0	63	60.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	80	0.0	125	60.0	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	18
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	84	0.0	250	60.0	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	87	0.0	500	60.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	19
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	89	0.0	1000	60.0	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	85	0.0	2000	60.0	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	14
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	72	0.0	250	59.8	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	6
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	84	0.0	500	59.8	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	17
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	89	0.0	1000	59.8	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	87	0.0	2000	59.8	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	16
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	81	0.0	4000	59.8	0.0	-3.0	0.0	9.0	0.0	0.0	0.0	-13.0	0.0	2
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	62	0.0	63	56.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	7
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	75	0.0	125	56.6	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	16
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	250	56.6	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	18
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	83	0.0	500	56.6	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	19
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	82	0.0	1000	56.6	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-11.0	0.0	17
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	2000	56.6	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-12.0	0.0	13
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	77	0.0	4000	56.6	0.0	-3.0	0.0	6.2	0.0	0.0	0.0	-13.0	0.0	4
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	61	0.0	63	56.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	6
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	74	0.0	125	56.7	0.0	2.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	10
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	79	0.0	250	56.7	0.0	-0.3	0.0	0.2	0.0	0.0	0.0	-9.0	0.0	14
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	83	0.0	500	56.7	0.0	-0.4	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	16
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	82	0.0	1000	56.7	0.0	-0.4	0.0	0.7	0.0	0.0	0.0	-11.0	0.0	14

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP07	RP07	17652566.00 m	4786807.33 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	81	0.0	2000	56.7	0.0	-0.4	0.0	1.9	0.0	0.0	0.0	-12.0	0.0	11
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	78	0.0	4000	56.7	0.0	-0.4	0.0	6.3	0.0	0.0	0.0	-13.0	0.0	2
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	76	0.0	125	57.0	0.0	-2.2	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	16
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	79	0.0	250	57.0	0.0	-2.6	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	16
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	84	0.0	500	57.0	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	19
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	83	0.0	1000	57.0	0.0	-2.7	0.0	0.7	0.0	0.0	0.0	-11.0	0.0	17
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	79	0.0	2000	57.0	0.0	-2.7	0.0	1.9	0.0	0.0	0.0	-12.0	0.0	11
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	61	0.0	63	57.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	5
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	74	0.0	125	57.7	0.0	1.5	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	10
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	79	0.0	250	57.7	0.0	-0.6	0.0	0.2	0.0	0.0	0.0	-9.0	0.0	13
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	83	0.0	500	57.7	0.0	-0.7	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	15
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	82	0.0	1000	57.7	0.0	-0.7	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	13
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	81	0.0	2000	57.7	0.0	-0.7	0.0	2.1	0.0	0.0	0.0	-12.0	0.0	10
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	78	0.0	4000	57.7	0.0	-0.7	0.0	7.1	0.0	0.0	0.0	-13.0	0.0	1
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	76	0.0	125	57.9	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	16
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	79	0.0	250	57.9	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	15
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	84	0.0	500	57.9	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	19
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	83	0.0	1000	57.9	0.0	-2.9	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	16
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	79	0.0	2000	57.9	0.0	-2.9	0.0	2.1	0.0	0.0	0.0	-12.0	0.0	10
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	61	0.0	63	59.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	4
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	74	0.0	125	59.1	0.0	1.5	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	8
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	79	0.0	250	59.1	0.0	-0.6	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	12
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	83	0.0	500	59.1	0.0	-0.7	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	14
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	82	0.0	1000	59.1	0.0	-0.7	0.0	0.9	0.0	0.0	0.0	-11.0	0.0	12
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	81	0.0	2000	59.1	0.0	-0.7	0.0	2.4	0.0	0.0	0.0	-12.0	0.0	8
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	76	0.0	125	59.7	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	14
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	79	0.0	250	59.7	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	13
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	84	0.0	500	59.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	17
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	83	0.0	1000	59.7	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	14
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	79	0.0	2000	59.7	0.0	-3.0	0.0	2.6	0.0	0.0	0.0	-12.0	0.0	8
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	61	0.0	63	59.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	3
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	74	0.0	125	59.9	0.0	1.5	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	7
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	79	0.0	250	59.9	0.0	-0.6	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	11
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	83	0.0	500	59.9	0.0	-0.7	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	13
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	82	0.0	1000	59.9	0.0	-0.7	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	11
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	81	0.0	2000	59.9	0.0	-0.7	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	7
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	76	0.0	125	60.0	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	14
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	79	0.0	250	60.0	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	13
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	84	0.0	500	60.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	16
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	83	0.0	1000	60.0	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	14
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	79	0.0	2000	60.0	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	7
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	76	0.0	125	60.1	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	14
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	79	0.0	250	60.1	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	13

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise
Project: Sources)
Project Number: 25253

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
RP07	RP07	17652566.00 m	4786807.33 m	7.00 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	84	0.0	500	60.1	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	16
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	83	0.0	1000	60.1	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	14
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	79	0.0	2000	60.1	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	7
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	62	0.0	63	57.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	7
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	70	0.0	125	57.0	0.0	-1.9	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	10
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	72	0.0	250	57.0	0.0	-2.5	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	8
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	79	0.0	500	57.0	0.0	-2.6	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	15
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	76	0.0	1000	57.0	0.0	-2.6	0.0	0.7	0.0	0.0	0.0	-11.0	0.0	10
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	75	0.0	2000	57.0	0.0	-2.6	0.0	1.9	0.0	0.0	0.0	-12.0	0.0	6
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	74	0.0	4000	57.0	0.0	-2.6	0.0	6.6	0.0	0.0	0.0	-13.0	0.0	0
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	61	0.0	32	51.9	0.0	-3.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	3
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	72	0.0	63	51.9	0.0	-3.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	14
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	87	0.0	125	51.9	0.0	-1.9	3.1	0.0	0.0	0.0	0.0	0.0	0.0	27
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	91	0.0	250	51.9	0.0	-2.4	3.8	0.1	0.0	0.0	0.0	0.0	0.0	32
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	98	0.0	500	51.9	0.0	-2.5	4.6	0.2	0.0	0.0	0.0	0.0	0.0	38
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	100	0.0	1000	51.9	0.0	-2.5	5.8	0.4	0.0	0.0	0.0	0.0	0.0	39
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	99	0.0	2000	51.9	0.0	-2.5	7.4	1.1	0.0	0.0	0.0	0.0	0.0	35
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	94	0.0	4000	51.9	0.0	-2.5	9.5	3.6	0.0	0.0	0.0	0.0	0.0	25
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	85	0.0	8000	51.9	0.0	-2.5	11.9	12.9	0.0	0.0	0.0	0.0	0.0	5

Receiver: RP08
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP08	RP08	17652521.05 m	4786788.18 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L01	15-Ton Pass-by	17652673.2	4786882.7	1.5	0	57	8.4	250	56.1	0.0	-2.7	11.6	0.2	0.0	0.0	0.0	0.0	0.0	0
L01	15-Ton Pass-by	17652673.2	4786882.7	1.5	0	63	8.4	500	56.1	0.0	-2.7	14.6	0.3	0.0	0.0	0.0	0.0	0.0	3
L01	15-Ton Pass-by	17652657.2	4786882.7	1.5	0	52	14.0	125	55.4	0.0	-2.8	8.5	0.1	0.0	0.0	0.0	0.0	0.0	5
L01	15-Ton Pass-by	17652657.2	4786882.7	1.5	0	57	14.0	250	55.4	0.0	-2.8	11.1	0.2	0.0	0.0	0.0	0.0	0.0	7
L01	15-Ton Pass-by	17652657.2	4786882.7	1.5	0	63	14.0	500	55.4	0.0	-2.8	13.9	0.3	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652657.2	4786882.7	1.5	0	63	14.0	1000	55.4	0.0	-2.8	16.8	0.6	0.0	0.0	0.0	0.0	0.0	7
L01	15-Ton Pass-by	17652657.2	4786882.7	1.5	0	61	14.0	2000	55.4	0.0	-2.8	19.6	1.6	0.0	0.0	0.0	0.0	0.0	1
L01	15-Ton Pass-by	17652686.0	4786860.8	1.5	0	63	10.4	500	56.1	0.0	-2.7	19.3	0.3	0.0	0.0	0.0	0.0	0.0	0
L01	15-Ton Pass-by	17652678.4	4786879.0	1.5	0	63	8.2	500	56.2	0.0	-2.7	14.9	0.4	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652661.5	4786967.8	1.5	0	57	11.1	250	58.2	0.0	-2.9	10.8	0.2	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652661.5	4786967.8	1.5	0	63	11.1	500	58.2	0.0	-2.9	13.7	0.4	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652661.5	4786967.8	1.5	0	63	11.1	1000	58.2	0.0	-2.9	16.9	0.8	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652648.5	4786967.2	1.5	0	52	11.2	125	57.9	0.0	-3.0	8.1	0.1	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652648.5	4786967.2	1.5	0	57	11.2	250	57.9	0.0	-3.0	10.5	0.2	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652648.5	4786967.2	1.5	0	63	11.2	500	57.9	0.0	-3.0	13.3	0.4	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652648.5	4786967.2	1.5	0	63	11.2	1000	57.9	0.0	-3.0	16.5	0.8	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652641.1	4786966.9	1.5	0	63	2.3	500	57.7	0.0	-3.0	9.1	0.4	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652634.1	4786966.5	1.5	0	52	10.9	125	57.5	0.0	-3.0	4.4	0.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652634.1	4786966.5	1.5	0	57	10.9	250	57.5	0.0	-3.0	5.0	0.2	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652634.1	4786966.5	1.5	0	63	10.9	500	57.5	0.0	-3.0	5.9	0.4	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652634.1	4786966.5	1.5	0	63	10.9	1000	57.5	0.0	-3.0	7.0	0.8	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652634.1	4786966.5	1.5	0	61	10.9	2000	57.5	0.0	-3.0	8.7	2.0	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652618.4	4786965.8	1.5	0	52	12.8	125	57.1	0.0	-3.0	8.1	0.1	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652618.4	4786965.8	1.5	0	57	12.8	250	57.1	0.0	-3.0	10.4	0.2	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652618.4	4786965.8	1.5	0	63	12.8	500	57.1	0.0	-3.0	13.0	0.4	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652618.4	4786965.8	1.5	0	63	12.8	1000	57.1	0.0	-3.0	15.9	0.7	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652594.2	4786964.7	1.5	0	52	14.7	125	56.6	0.0	-3.0	7.8	0.1	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652594.2	4786964.7	1.5	0	57	14.7	250	56.6	0.0	-3.0	7.8	0.2	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652594.2	4786964.7	1.5	0	63	14.7	500	56.6	0.0	-3.0	7.9	0.4	0.0	0.0	0.0	0.0	0.0	16
L02	15-Ton Pass-by 2	17652594.2	4786964.7	1.5	0	63	14.7	1000	56.6	0.0	-3.0	8.0	0.7	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652594.2	4786964.7	1.5	0	61	14.7	2000	56.6	0.0	-3.0	8.2	1.8	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652594.2	4786964.7	1.5	0	55	14.7	4000	56.6	0.0	-3.0	8.6	6.3	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652564.3	4786963.3	1.5	0	52	14.8	125	56.1	0.0	-2.8	7.6	0.1	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652564.3	4786963.3	1.5	0	57	14.8	250	56.1	0.0	-2.8	7.7	0.2	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652564.3	4786963.3	1.5	0	63	14.8	500	56.1	0.0	-2.8	7.8	0.3	0.0	0.0	0.0	0.0	0.0	16
L02	15-Ton Pass-by 2	17652564.3	4786963.3	1.5	0	63	14.8	1000	56.1	0.0	-2.8	8.0	0.7	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652564.3	4786963.3	1.5	0	61	14.8	2000	56.1	0.0	-2.8	8.5	1.7	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652564.3	4786963.3	1.5	0	55	14.8	4000	56.1	0.0	-2.8	9.3	5.9	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652540.1	4786962.1	1.5	0	52	12.5	125	55.9	0.0	-2.5	6.1	0.1	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652540.1	4786962.1	1.5	0	57	12.5	250	55.9	0.0	-2.5	6.8	0.2	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652540.1	4786962.1	1.5	0	63	12.5	500	55.9	0.0	-2.5	7.4	0.3	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652540.1	4786962.1	1.5	0	63	12.5	1000	55.9	0.0	-2.5	8.1	0.6	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652540.1	4786962.1	1.5	0	61	12.5	2000	55.9	0.0	-2.5	9.1	1.7	0.0	0.0	0.0	0.0	0.0	9

Receiver: RP08
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP08	RP08	17652521.05 m	4786788.18 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L02	15-Ton Pass-by 2	17652527.0	4786961.5	1.5	0	52	9.2	125	55.8	0.0	-2.4	0.0	0.1	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652527.0	4786961.5	1.5	0	57	9.2	250	55.8	0.0	-2.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652527.0	4786961.5	1.5	0	63	9.2	500	55.8	0.0	-2.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	18
L02	15-Ton Pass-by 2	17652527.0	4786961.5	1.5	0	63	9.2	1000	55.8	0.0	-2.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	18
L02	15-Ton Pass-by 2	17652527.0	4786961.5	1.5	0	61	9.2	2000	55.8	0.0	-2.4	0.0	1.7	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652527.0	4786961.5	1.5	0	55	9.2	4000	55.8	0.0	-2.4	0.0	5.7	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652591.6	4787020.0	1.5	0	52	11.2	125	58.7	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652591.6	4787020.0	1.5	0	57	11.2	250	58.7	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652591.6	4787020.0	1.5	0	63	11.2	500	58.7	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	18
L02	15-Ton Pass-by 2	17652591.6	4787020.0	1.5	0	63	11.2	1000	58.7	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
L02	15-Ton Pass-by 2	17652591.6	4787020.0	1.5	0	61	11.2	2000	58.7	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652591.6	4787020.0	1.5	0	55	11.2	4000	58.7	0.0	-2.9	0.0	8.0	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652607.9	4787020.6	1.5	0	52	12.9	125	58.9	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652607.9	4787020.6	1.5	0	57	12.9	250	58.9	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652607.9	4787020.6	1.5	0	63	12.9	500	58.9	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	19
L02	15-Ton Pass-by 2	17652607.9	4787020.6	1.5	0	63	12.9	1000	58.9	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	19
L02	15-Ton Pass-by 2	17652607.9	4787020.6	1.5	0	61	12.9	2000	58.9	0.0	-2.9	0.0	2.4	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652607.9	4787020.6	1.5	0	55	12.9	4000	58.9	0.0	-2.9	0.0	8.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652627.3	4787021.3	1.5	0	52	12.8	125	59.2	0.0	-3.0	6.5	0.1	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652627.3	4787021.3	1.5	0	57	12.8	250	59.2	0.0	-3.0	7.4	0.3	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652627.3	4787021.3	1.5	0	63	12.8	500	59.2	0.0	-3.0	8.3	0.5	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652627.3	4787021.3	1.5	0	63	12.8	1000	59.2	0.0	-3.0	9.4	0.9	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652627.3	4787021.3	1.5	0	61	12.8	2000	59.2	0.0	-3.0	10.9	2.5	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652691.1	4786983.2	1.5	0	52	11.3	125	59.3	0.0	-2.9	5.8	0.1	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652691.1	4786983.2	1.5	0	57	11.3	250	59.3	0.0	-2.9	7.3	0.3	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652691.1	4786983.2	1.5	0	63	11.3	500	59.3	0.0	-2.9	9.4	0.5	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652691.1	4786983.2	1.5	0	63	11.3	1000	59.3	0.0	-2.9	11.9	0.9	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652570.0	4787043.0	1.5	0	57	8.7	250	59.3	0.0	-2.8	7.5	0.3	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652570.0	4787043.0	1.5	0	63	8.7	500	59.3	0.0	-2.8	7.5	0.5	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652570.0	4787043.0	1.5	0	63	8.7	1000	59.3	0.0	-2.8	7.5	1.0	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652570.0	4787043.0	1.5	0	61	8.7	2000	59.3	0.0	-2.8	7.5	2.5	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652573.9	4787036.9	1.5	0	52	8.6	125	59.1	0.0	-2.8	3.3	0.1	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652573.9	4787036.9	1.5	0	57	8.6	250	59.1	0.0	-2.8	3.6	0.3	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652573.9	4787036.9	1.5	0	63	8.6	500	59.1	0.0	-2.8	4.0	0.5	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652573.9	4787036.9	1.5	0	63	8.6	1000	59.1	0.0	-2.8	4.7	0.9	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652573.9	4787036.9	1.5	0	61	8.6	2000	59.1	0.0	-2.8	5.5	2.5	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652580.4	4787026.8	1.5	0	52	12.2	125	58.8	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652580.4	4787026.8	1.5	0	57	12.2	250	58.8	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652580.4	4787026.8	1.5	0	63	12.2	500	58.8	0.0	-2.8	0.0	0.5	0.0	0.0	0.0	0.0	0.0	19
L02	15-Ton Pass-by 2	17652580.4	4787026.8	1.5	0	63	12.2	1000	58.8	0.0	-2.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	18
L02	15-Ton Pass-by 2	17652580.4	4787026.8	1.5	0	61	12.2	2000	58.8	0.0	-2.8	0.0	2.4	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652580.4	4787026.8	1.5	0	55	12.2	4000	58.8	0.0	-2.8	0.0	8.1	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652688.3	4786975.7	1.5	0	57	7.1	250	59.0	0.0	-2.9	7.5	0.3	0.0	0.0	0.0	0.0	0.0	0

Receiver: RP08
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP08	RP08	17652521.05 m	4786788.18 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L02	15-Ton Pass-by 2	17652688.3	4786975.7	1.5	0	63	7.1	500	59.0	0.0	-2.9	9.7	0.5	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652688.3	4786975.7	1.5	0	63	7.1	1000	59.0	0.0	-2.9	12.2	0.9	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652682.4	4786973.5	1.5	0	57	8.8	250	58.8	0.0	-2.9	7.3	0.3	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652682.4	4786973.5	1.5	0	63	8.8	500	58.8	0.0	-2.9	9.4	0.5	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652682.4	4786973.5	1.5	0	63	8.8	1000	58.8	0.0	-2.9	11.9	0.9	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652673.4	4786970.2	1.5	0	57	10.7	250	58.5	0.0	-2.9	9.9	0.2	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652673.4	4786970.2	1.5	0	63	10.7	500	58.5	0.0	-2.9	12.7	0.5	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652673.4	4786970.2	1.5	0	63	10.7	1000	58.5	0.0	-2.9	15.7	0.9	0.0	0.0	0.0	0.0	0.0	1
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	71	0.0	63	55.0	0.0	-3.0	10.2	0.0	0.0	0.0	0.0	0.0	0.0	3
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	84	0.0	125	55.0	0.0	-2.7	12.8	0.1	0.0	0.0	0.0	0.0	0.0	13
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	91	0.0	250	55.0	0.0	-2.7	15.6	0.2	0.0	0.0	0.0	0.0	0.0	16
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	500	55.0	0.0	-2.7	18.6	0.3	0.0	0.0	0.0	0.0	0.0	19
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	98	0.0	1000	55.0	0.0	-2.7	21.5	0.6	0.0	0.0	0.0	0.0	0.0	18
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	2000	55.0	0.0	-2.7	23.7	1.5	0.0	0.0	0.0	0.0	0.0	13
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	89	0.0	4000	55.0	0.0	-2.7	25.3	5.2	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652634.1	4786966.5	1.5	0	52	10.9	500	57.5	0.0	-3.0	5.9	0.4	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652634.1	4786966.5	1.5	0	55	10.9	1000	57.5	0.0	-3.0	7.0	0.8	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652594.2	4786964.7	1.5	0	52	14.7	500	56.6	0.0	-3.0	7.9	0.4	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652594.2	4786964.7	1.5	0	55	14.7	1000	56.6	0.0	-3.0	8.0	0.7	0.0	0.0	0.0	0.0	0.0	8
L04	5-Ton Pass-by 2	17652594.2	4786964.7	1.5	0	52	14.7	2000	56.6	0.0	-3.0	8.2	1.8	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652564.3	4786963.3	1.5	0	52	14.8	500	56.1	0.0	-2.8	7.8	0.3	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652564.3	4786963.3	1.5	0	55	14.8	1000	56.1	0.0	-2.8	8.0	0.7	0.0	0.0	0.0	0.0	0.0	8
L04	5-Ton Pass-by 2	17652564.3	4786963.3	1.5	0	52	14.8	2000	56.1	0.0	-2.8	8.5	1.7	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652540.1	4786962.1	1.5	0	52	12.5	500	55.9	0.0	-2.5	7.4	0.3	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652540.1	4786962.1	1.5	0	55	12.5	1000	55.9	0.0	-2.5	8.1	0.6	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652540.1	4786962.1	1.5	0	52	12.5	2000	55.9	0.0	-2.5	9.1	1.7	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652527.0	4786961.5	1.5	0	45	9.2	250	55.8	0.0	-2.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1
L04	5-Ton Pass-by 2	17652527.0	4786961.5	1.5	0	52	9.2	500	55.8	0.0	-2.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652527.0	4786961.5	1.5	0	55	9.2	1000	55.8	0.0	-2.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	10
L04	5-Ton Pass-by 2	17652527.0	4786961.5	1.5	0	52	9.2	2000	55.8	0.0	-2.4	0.0	1.7	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652591.6	4787020.0	1.5	0	45	11.2	250	58.7	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652591.6	4787020.0	1.5	0	52	11.2	500	58.7	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652591.6	4787020.0	1.5	0	55	11.2	1000	58.7	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	10
L04	5-Ton Pass-by 2	17652591.6	4787020.0	1.5	0	52	11.2	2000	58.7	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652607.9	4787020.6	1.5	0	45	12.9	250	58.9	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652607.9	4787020.6	1.5	0	52	12.9	500	58.9	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	8
L04	5-Ton Pass-by 2	17652607.9	4787020.6	1.5	0	55	12.9	1000	58.9	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	11
L04	5-Ton Pass-by 2	17652607.9	4787020.6	1.5	0	52	12.9	2000	58.9	0.0	-2.9	0.0	2.4	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652627.3	4787021.3	1.5	0	55	12.8	1000	59.2	0.0	-3.0	9.4	0.9	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652573.9	4787036.9	1.5	0	55	8.6	1000	59.1	0.0	-2.8	4.7	0.9	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652580.4	4787026.8	1.5	0	45	12.2	250	58.8	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1
L04	5-Ton Pass-by 2	17652580.4	4787026.8	1.5	0	52	12.2	500	58.8	0.0	-2.8	0.0	0.5	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652580.4	4787026.8	1.5	0	55	12.2	1000	58.8	0.0	-2.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	11

Receiver: RP08
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP08	RP08	17652521.05 m	4786788.18 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L04	5-Ton Pass-by 2	17652580.4	4787026.8	1.5	0	52	12.2	2000	58.8	0.0	-2.8	0.0	2.4	0.0	0.0	0.0	0.0	0.0	6
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	62	0.0	63	61.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	2
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	70	0.0	125	61.6	0.0	-2.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	6
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	72	0.0	250	61.6	0.0	-2.4	0.0	0.4	0.0	0.0	0.0	-8.8	0.0	3
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	79	0.0	500	61.6	0.0	-2.5	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	10
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	76	0.0	1000	61.6	0.0	-2.5	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	5
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	75	0.0	2000	61.6	0.0	-2.5	0.0	3.3	0.0	0.0	0.0	-12.0	0.0	0
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	67	0.0	63	55.8	0.0	-3.0	6.1	0.0	0.0	0.0	0.0	0.0	0.0	2
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	80	0.0	125	55.8	0.0	-2.8	7.9	0.1	0.0	0.0	0.0	0.0	0.0	13
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	250	55.8	0.0	-2.8	10.3	0.2	0.0	0.0	0.0	0.0	0.0	15
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	91	0.0	500	55.8	0.0	-2.8	13.1	0.3	0.0	0.0	0.0	0.0	0.0	18
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	92	0.0	1000	55.8	0.0	-2.8	16.0	0.6	0.0	0.0	0.0	0.0	0.0	16
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	90	0.0	2000	55.8	0.0	-2.8	18.7	1.7	0.0	0.0	0.0	0.0	0.0	10
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	68	0.0	63	54.6	0.0	-3.0	5.8	0.0	0.0	0.0	0.0	0.0	0.0	5
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	81	0.0	125	54.6	0.0	-2.8	7.3	0.1	0.0	0.0	0.0	0.0	0.0	16
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	90	0.0	250	54.6	0.0	-2.8	9.5	0.2	0.0	0.0	0.0	0.0	0.0	22
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	500	54.6	0.0	-2.8	12.2	0.3	0.0	0.0	0.0	0.0	0.0	26
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	1000	54.6	0.0	-2.8	15.0	0.6	0.0	0.0	0.0	0.0	0.0	23
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	96	0.0	2000	54.6	0.0	-2.8	17.7	1.5	0.0	0.0	0.0	0.0	0.0	19
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	92	0.0	4000	54.6	0.0	-2.8	20.2	4.9	0.0	0.0	0.0	0.0	0.0	9
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	67	0.0	63	57.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	11
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	80	0.0	125	57.5	0.0	-1.0	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	19
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	84	0.0	250	57.5	0.0	-1.8	0.0	0.2	0.0	0.0	0.0	-8.7	0.0	20
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	87	0.0	500	57.5	0.0	-2.0	0.0	0.4	0.0	0.0	0.0	-9.9	0.0	21
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	89	0.0	1000	57.5	0.0	-2.0	0.0	0.8	0.0	0.0	0.0	-10.9	0.0	22
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	85	0.0	2000	57.5	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	-11.9	0.0	16
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	78	0.0	4000	57.5	0.0	-2.0	0.0	6.9	0.0	0.0	0.0	-12.9	0.0	3
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	52.8	0.0	-3.0	4.3	0.1	0.0	0.0	0.0	-4.5	0.0	17
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	250	52.8	0.0	-3.0	4.7	0.1	0.0	0.0	0.0	-8.5	0.0	16
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	84	0.0	500	52.8	0.0	-3.0	5.2	0.2	0.0	0.0	0.0	-9.9	0.0	19
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	83	0.0	1000	52.8	0.0	-3.0	5.8	0.5	0.0	0.0	0.0	-10.9	0.0	16
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	2000	52.8	0.0	-3.0	6.8	1.2	0.0	0.0	0.0	-11.9	0.0	9
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	53.2	0.0	-3.0	4.5	0.1	0.0	0.0	0.0	-4.6	0.0	17
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	250	53.2	0.0	-3.0	5.0	0.1	0.0	0.0	0.0	-8.6	0.0	15
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	84	0.0	500	53.2	0.0	-3.0	5.8	0.2	0.0	0.0	0.0	-9.9	0.0	18
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	83	0.0	1000	53.2	0.0	-3.0	7.0	0.5	0.0	0.0	0.0	-10.9	0.0	15
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	2000	53.2	0.0	-3.0	8.5	1.2	0.0	0.0	0.0	-11.9	0.0	7
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	72	0.0	250	57.6	0.0	-2.0	0.0	0.2	0.0	0.0	0.0	-8.7	0.0	8
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	84	0.0	500	57.6	0.0	-2.2	0.0	0.4	0.0	0.0	0.0	-9.9	0.0	18
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	89	0.0	1000	57.6	0.0	-2.2	0.0	0.8	0.0	0.0	0.0	-10.9	0.0	22
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	87	0.0	2000	57.6	0.0	-2.2	0.0	2.1	0.0	0.0	0.0	-11.9	0.0	18
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	81	0.0	4000	57.6	0.0	-2.2	0.0	7.0	0.0	0.0	0.0	-12.9	0.0	6
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	67	0.0	63	58.9	0.0	-3.0	4.3	0.0	0.0	0.0	0.0	-0.9	0.0	6

Receiver: RP08
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP08	RP08	17652521.05 m	4786788.18 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	80	0.0	125	58.9	0.0	-2.8	5.1	0.1	0.0	0.0	0.0	-4.8	0.0	14
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	84	0.0	250	58.9	0.0	-2.8	6.2	0.3	0.0	0.0	0.0	-8.8	0.0	13
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	87	0.0	500	58.9	0.0	-2.9	7.9	0.5	0.0	0.0	0.0	-9.9	0.0	13
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	89	0.0	1000	58.9	0.0	-2.9	9.9	0.9	0.0	0.0	0.0	-10.9	0.0	11
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	85	0.0	2000	58.9	0.0	-2.9	12.4	2.4	0.0	0.0	0.0	-11.9	0.0	3
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	67	0.0	63	59.2	0.0	-3.0	4.0	0.0	0.0	0.0	0.0	-0.9	0.0	6
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	80	0.0	125	59.2	0.0	-3.0	4.5	0.1	0.0	0.0	0.0	-4.8	0.0	14
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	84	0.0	250	59.2	0.0	-3.0	5.2	0.3	0.0	0.0	0.0	-8.8	0.0	14
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	87	0.0	500	59.2	0.0	-3.0	6.2	0.5	0.0	0.0	0.0	-9.9	0.0	14
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	89	0.0	1000	59.2	0.0	-3.0	7.6	0.9	0.0	0.0	0.0	-10.9	0.0	13
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	85	0.0	2000	59.2	0.0	-3.0	9.5	2.5	0.0	0.0	0.0	-11.9	0.0	5
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	67	0.0	63	59.3	0.0	-3.0	4.1	0.0	0.0	0.0	0.0	-0.9	0.0	6
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	80	0.0	125	59.3	0.0	-3.0	4.7	0.1	0.0	0.0	0.0	-4.8	0.0	14
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	84	0.0	250	59.3	0.0	-3.0	5.5	0.3	0.0	0.0	0.0	-8.8	0.0	14
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	87	0.0	500	59.3	0.0	-3.0	6.7	0.5	0.0	0.0	0.0	-9.9	0.0	13
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	89	0.0	1000	59.3	0.0	-3.0	8.3	0.9	0.0	0.0	0.0	-10.9	0.0	13
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	85	0.0	2000	59.3	0.0	-3.0	10.4	2.5	0.0	0.0	0.0	-11.9	0.0	4
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	67	0.0	63	59.4	0.0	-3.0	5.8	0.0	0.0	0.0	0.0	-0.9	0.0	4
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	80	0.0	125	59.4	0.0	-2.9	7.4	0.1	0.0	0.0	0.0	-4.8	0.0	11
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	84	0.0	250	59.4	0.0	-2.9	9.7	0.3	0.0	0.0	0.0	-8.8	0.0	9
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	87	0.0	500	59.4	0.0	-2.9	12.5	0.5	0.0	0.0	0.0	-9.9	0.0	7
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	89	0.0	1000	59.4	0.0	-2.9	15.3	1.0	0.0	0.0	0.0	-10.9	0.0	5
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	67	0.0	63	60.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	80	0.0	125	60.3	0.0	-1.4	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	16
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	84	0.0	250	60.3	0.0	-1.9	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	17
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	87	0.0	500	60.3	0.0	-2.1	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	18
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	89	0.0	1000	60.3	0.0	-2.1	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	19
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	85	0.0	2000	60.3	0.0	-2.1	0.0	2.8	0.0	0.0	0.0	-12.0	0.0	12
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	67	0.0	63	60.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	8
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	80	0.0	125	60.4	0.0	-1.8	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	16
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	84	0.0	250	60.4	0.0	-2.2	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	17
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	87	0.0	500	60.4	0.0	-2.3	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	18
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	89	0.0	1000	60.4	0.0	-2.3	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	19
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	85	0.0	2000	60.4	0.0	-2.3	0.0	2.8	0.0	0.0	0.0	-12.0	0.0	12
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	67	0.0	63	60.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	8
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	80	0.0	125	60.4	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	17
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	84	0.0	250	60.4	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	18
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	87	0.0	500	60.4	0.0	-2.6	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	19
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	89	0.0	1000	60.4	0.0	-2.6	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	19
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	85	0.0	2000	60.4	0.0	-2.6	0.0	2.9	0.0	0.0	0.0	-12.0	0.0	13
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	67	0.0	63	60.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	8
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	80	0.0	125	60.4	0.0	-2.3	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	17
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	84	0.0	250	60.4	0.0	-2.4	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	17

Receiver: RP08
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP08	RP08	17652521.05 m	4786788.18 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	87	0.0	500	60.4	0.0	-2.5	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	18
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	89	0.0	1000	60.4	0.0	-2.5	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	19
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	85	0.0	2000	60.4	0.0	-2.5	0.0	2.9	0.0	0.0	0.0	-12.0	0.0	12
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	67	0.0	63	60.6	0.0	-3.0	6.5	0.0	0.0	0.0	0.0	-1.0	0.0	2
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	80	0.0	125	60.6	0.0	-2.9	8.5	0.1	0.0	0.0	0.0	-4.8	0.0	9
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	84	0.0	250	60.6	0.0	-2.9	11.1	0.3	0.0	0.0	0.0	-8.8	0.0	7
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	87	0.0	500	60.6	0.0	-2.9	14.1	0.6	0.0	0.0	0.0	-10.0	0.0	5
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	89	0.0	1000	60.6	0.0	-2.9	17.0	1.1	0.0	0.0	0.0	-11.0	0.0	2
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	67	0.0	63	60.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	8
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	80	0.0	125	60.6	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	17
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	84	0.0	250	60.6	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	17
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	87	0.0	500	60.6	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	18
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	89	0.0	1000	60.6	0.0	-2.7	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	19
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	85	0.0	2000	60.6	0.0	-2.7	0.0	2.9	0.0	0.0	0.0	-12.0	0.0	13
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	84	0.0	500	59.8	0.0	-2.9	10.2	0.5	0.0	0.0	0.0	-9.9	0.0	6
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	89	0.0	1000	59.8	0.0	-2.9	12.8	1.0	0.0	0.0	0.0	-10.9	0.0	7
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	87	0.0	2000	59.8	0.0	-2.9	15.6	2.7	0.0	0.0	0.0	-11.9	0.0	0
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	67	0.0	63	60.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	8
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	80	0.0	125	60.8	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	17
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	84	0.0	250	60.8	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	17
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	87	0.0	500	60.8	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	18
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	89	0.0	1000	60.8	0.0	-2.7	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	19
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	85	0.0	2000	60.8	0.0	-2.7	0.0	3.0	0.0	0.0	0.0	-12.0	0.0	12
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	67	0.0	63	60.9	0.0	-3.0	6.2	0.0	0.0	0.0	0.0	-1.0	0.0	2
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	80	0.0	125	60.9	0.0	-2.9	8.0	0.1	0.0	0.0	0.0	-4.8	0.0	9
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	84	0.0	250	60.9	0.0	-2.9	10.5	0.3	0.0	0.0	0.0	-8.8	0.0	7
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	87	0.0	500	60.9	0.0	-2.9	13.4	0.6	0.0	0.0	0.0	-10.0	0.0	5
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	89	0.0	1000	60.9	0.0	-2.9	16.3	1.1	0.0	0.0	0.0	-11.0	0.0	3
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	67	0.0	63	61.0	0.0	-3.0	6.2	0.0	0.0	0.0	0.0	-1.0	0.0	2
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	80	0.0	125	61.0	0.0	-2.9	8.1	0.1	0.0	0.0	0.0	-4.8	0.0	9
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	84	0.0	250	61.0	0.0	-2.9	10.6	0.3	0.0	0.0	0.0	-8.8	0.0	7
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	87	0.0	500	61.0	0.0	-2.9	13.5	0.6	0.0	0.0	0.0	-10.0	0.0	5
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	89	0.0	1000	61.0	0.0	-2.9	16.4	1.2	0.0	0.0	0.0	-11.0	0.0	2
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	65	0.0	63	60.5	0.0	-3.0	6.3	0.0	0.0	0.0	0.0	-1.0	0.0	0
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	78	0.0	125	60.5	0.0	-2.9	8.3	0.1	0.0	0.0	0.0	-4.8	0.0	7
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	83	0.0	250	60.5	0.0	-2.9	10.9	0.3	0.0	0.0	0.0	-8.8	0.0	6
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	500	60.5	0.0	-2.9	13.8	0.6	0.0	0.0	0.0	-10.0	0.0	5
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	1000	60.5	0.0	-2.9	16.7	1.1	0.0	0.0	0.0	-11.0	0.0	1
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	67	0.0	63	61.2	0.0	-3.0	5.8	0.0	0.0	0.0	0.0	-1.0	0.0	2
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	80	0.0	125	61.2	0.0	-2.9	7.5	0.1	0.0	0.0	0.0	-4.8	0.0	9
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	84	0.0	250	61.2	0.0	-2.9	9.9	0.3	0.0	0.0	0.0	-8.8	0.0	7
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	87	0.0	500	61.2	0.0	-2.9	12.7	0.6	0.0	0.0	0.0	-10.0	0.0	5
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	89	0.0	1000	61.2	0.0	-2.9	15.6	1.2	0.0	0.0	0.0	-11.0	0.0	3

Receiver: RP08
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP08	RP08	17652521.05 m	4786788.18 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	72	0.0	250	60.4	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	6
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	84	0.0	500	60.4	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	16
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	89	0.0	1000	60.4	0.0	-2.7	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	19
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	87	0.0	2000	60.4	0.0	-2.7	0.0	2.9	0.0	0.0	0.0	-12.0	0.0	15
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	81	0.0	4000	60.4	0.0	-2.7	0.0	9.7	0.0	0.0	0.0	-13.0	0.0	1
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	72	0.0	250	60.6	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	5
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	84	0.0	500	60.6	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	15
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	89	0.0	1000	60.6	0.0	-2.7	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	19
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	87	0.0	2000	60.6	0.0	-2.7	0.0	2.9	0.0	0.0	0.0	-12.0	0.0	15
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	81	0.0	4000	60.6	0.0	-2.7	0.0	9.8	0.0	0.0	0.0	-13.0	0.0	0
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	62	0.0	63	57.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	6
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	75	0.0	125	57.5	0.0	-1.5	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	14
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	250	57.5	0.0	-2.1	0.0	0.2	0.0	0.0	0.0	-8.7	0.0	16
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	83	0.0	500	57.5	0.0	-2.3	0.0	0.4	0.0	0.0	0.0	-9.9	0.0	17
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	82	0.0	1000	57.5	0.0	-2.3	0.0	0.8	0.0	0.0	0.0	-10.9	0.0	15
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	2000	57.5	0.0	-2.3	0.0	2.0	0.0	0.0	0.0	-11.9	0.0	11
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	77	0.0	4000	57.5	0.0	-2.3	0.0	6.9	0.0	0.0	0.0	-12.9	0.0	2
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	72	0.0	250	62.0	0.0	-2.6	0.0	0.4	0.0	0.0	0.0	-8.8	0.0	4
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	84	0.0	500	62.0	0.0	-2.6	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	14
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	89	0.0	1000	62.0	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	-11.0	0.0	17
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	87	0.0	2000	62.0	0.0	-2.6	0.0	3.4	0.0	0.0	0.0	-12.0	0.0	13
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	76	0.0	125	58.4	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	16
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	79	0.0	250	58.4	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-8.8	0.0	15
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	84	0.0	500	58.4	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-9.9	0.0	18
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	83	0.0	1000	58.4	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-10.9	0.0	16
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	79	0.0	2000	58.4	0.0	-3.0	0.0	2.3	0.0	0.0	0.0	-11.9	0.0	10
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	67	0.0	63	63.4	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-1.0	0.0	5
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	80	0.0	125	63.4	0.0	-2.1	0.0	0.2	0.0	0.0	0.0	-4.9	0.0	14
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	84	0.0	250	63.4	0.0	-2.4	0.0	0.4	0.0	0.0	0.0	-8.9	0.0	14
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	87	0.0	500	63.4	0.0	-2.5	0.0	0.8	0.0	0.0	0.0	-10.0	0.0	15
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	89	0.0	1000	63.4	0.0	-2.5	0.0	1.5	0.0	0.0	0.0	-11.0	0.0	16
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	85	0.0	2000	63.4	0.0	-2.5	0.0	4.0	0.0	0.0	0.0	-12.0	0.0	8
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	67	0.0	63	63.5	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-1.0	0.0	5
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	80	0.0	125	63.5	0.0	-2.0	0.0	0.2	0.0	0.0	0.0	-4.9	0.0	13
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	84	0.0	250	63.5	0.0	-2.3	0.0	0.4	0.0	0.0	0.0	-8.9	0.0	14
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	87	0.0	500	63.5	0.0	-2.4	0.0	0.8	0.0	0.0	0.0	-10.0	0.0	15
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	89	0.0	1000	63.5	0.0	-2.4	0.0	1.5	0.0	0.0	0.0	-11.0	0.0	15
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	85	0.0	2000	63.5	0.0	-2.4	0.0	4.1	0.0	0.0	0.0	-12.0	0.0	8
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	74	0.0	125	58.6	0.0	-0.3	9.6	0.1	0.0	0.0	0.0	-4.8	0.0	1
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	76	0.0	125	59.4	0.0	-2.9	4.9	0.1	0.0	0.0	0.0	-4.8	0.0	10
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	79	0.0	250	59.4	0.0	-2.9	6.0	0.3	0.0	0.0	0.0	-8.8	0.0	8
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	84	0.0	500	59.4	0.0	-2.9	7.5	0.5	0.0	0.0	0.0	-9.9	0.0	10
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	83	0.0	1000	59.4	0.0	-2.9	9.4	1.0	0.0	0.0	0.0	-10.9	0.0	5

Receiver: RP08
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP08	RP08	17652521.05 m	4786788.18 m	13.05 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	74	0.0	125	59.4	0.0	-0.3	9.6	0.1	0.0	0.0	0.0	-4.9	0.0	0
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	76	0.0	125	60.2	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	14
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	79	0.0	250	60.2	0.0	-2.6	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	12
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	84	0.0	500	60.2	0.0	-2.6	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	16
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	83	0.0	1000	60.2	0.0	-2.6	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	13
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	79	0.0	2000	60.2	0.0	-2.6	0.0	2.8	0.0	0.0	0.0	-12.0	0.0	7
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	76	0.0	125	60.6	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	13
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	79	0.0	250	60.6	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	12
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	84	0.0	500	60.6	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	16
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	83	0.0	1000	60.6	0.0	-2.7	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	13
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	79	0.0	2000	60.6	0.0	-2.7	0.0	2.9	0.0	0.0	0.0	-12.0	0.0	6
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	76	0.0	125	60.6	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	13
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	79	0.0	250	60.6	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	12
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	84	0.0	500	60.6	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	16
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	83	0.0	1000	60.6	0.0	-2.7	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	13
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	79	0.0	2000	60.6	0.0	-2.7	0.0	2.9	0.0	0.0	0.0	-12.0	0.0	6
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	76	0.0	125	62.4	0.0	-1.0	0.0	0.2	0.0	0.0	0.0	-4.8	0.0	10
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	250	62.4	0.0	-1.9	0.0	0.4	0.0	0.0	0.0	-8.8	0.0	9
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	84	0.0	500	62.4	0.0	-2.1	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	13
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	83	0.0	1000	62.4	0.0	-2.1	0.0	1.4	0.0	0.0	0.0	-11.0	0.0	10
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	2000	62.4	0.0	-2.1	0.0	3.6	0.0	0.0	0.0	-12.0	0.0	3
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	76	0.0	125	62.9	0.0	-1.8	0.0	0.2	0.0	0.0	0.0	-4.9	0.0	10
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	250	62.9	0.0	-2.3	0.0	0.4	0.0	0.0	0.0	-8.9	0.0	9
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	84	0.0	500	62.9	0.0	-2.4	0.0	0.8	0.0	0.0	0.0	-10.0	0.0	13
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	83	0.0	1000	62.9	0.0	-2.4	0.0	1.4	0.0	0.0	0.0	-11.0	0.0	10
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	2000	62.9	0.0	-2.4	0.0	3.8	0.0	0.0	0.0	-12.0	0.0	3
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	70	0.0	125	58.8	0.0	-2.4	7.5	0.1	0.0	0.0	0.0	-4.8	0.0	2
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	79	0.0	500	58.8	0.0	-2.7	12.7	0.5	0.0	0.0	0.0	-9.9	0.0	0
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	72	0.0	63	55.0	0.0	-3.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0	4
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	87	0.0	125	55.0	0.0	-2.7	12.6	0.1	0.0	0.0	0.0	0.0	0.0	16
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	91	0.0	250	55.0	0.0	-2.7	15.4	0.2	0.0	0.0	0.0	0.0	0.0	17
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	98	0.0	500	55.0	0.0	-2.7	18.3	0.3	0.0	0.0	0.0	0.0	0.0	21
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	100	0.0	1000	55.0	0.0	-2.7	21.3	0.6	0.0	0.0	0.0	0.0	0.0	20
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	99	0.0	2000	55.0	0.0	-2.7	23.6	1.5	0.0	0.0	0.0	0.0	0.0	15
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	94	0.0	4000	55.0	0.0	-2.7	25.1	5.2	0.0	0.0	0.0	0.0	0.0	5

Receiver: RP09
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	34

Receiver Name	Receiver ID	X	Y	Z
RP09	RP09	17652544.55 m	4786766.04 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L01	15-Ton Pass-by	17652652.3	4786882.7	1.5	0	63	11.8	500	55.0	0.0	-3.4	21.5	0.3	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652599.1	4786964.9	1.5	0	63	17.4	500	57.3	0.0	-4.6	24.4	0.4	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652567.7	4786963.4	1.5	0	57	8.9	250	57.0	0.0	-4.6	13.0	0.2	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652567.7	4786963.4	1.5	0	63	8.9	500	57.0	0.0	-4.6	15.1	0.4	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652567.7	4786963.4	1.5	0	63	8.9	1000	57.0	0.0	-4.6	17.5	0.7	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652546.0	4786962.4	1.5	0	52	15.5	125	56.9	0.0	-4.4	10.6	0.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652546.0	4786962.4	1.5	0	57	15.5	250	56.9	0.0	-4.4	12.7	0.2	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652546.0	4786962.4	1.5	0	63	15.5	500	56.9	0.0	-4.4	15.0	0.4	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652546.0	4786962.4	1.5	0	63	15.5	1000	56.9	0.0	-4.4	17.5	0.7	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652546.0	4786962.4	1.5	0	61	15.5	2000	56.9	0.0	-4.4	20.2	1.9	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652525.6	4786961.4	1.5	0	52	7.2	125	56.9	0.0	-3.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652525.6	4786961.4	1.5	0	57	7.2	250	56.9	0.0	-3.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652525.6	4786961.4	1.5	0	63	7.2	500	56.9	0.0	-3.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	17
L02	15-Ton Pass-by 2	17652525.6	4786961.4	1.5	0	63	7.2	1000	56.9	0.0	-3.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	16
L02	15-Ton Pass-by 2	17652525.6	4786961.4	1.5	0	61	7.2	2000	56.9	0.0	-3.9	0.0	1.9	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652525.6	4786961.4	1.5	0	55	7.2	4000	56.9	0.0	-3.9	0.0	6.4	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652600.3	4787020.4	1.5	0	63	14.9	500	59.3	0.0	-5.0	21.4	0.5	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652569.3	4787044.0	1.5	0	63	7.0	500	59.9	0.0	-5.0	11.1	0.5	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652569.3	4787044.0	1.5	0	63	7.0	1000	59.9	0.0	-5.0	12.2	1.0	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652575.8	4787034.0	1.5	0	57	12.1	250	59.6	0.0	-5.0	10.0	0.3	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652575.8	4787034.0	1.5	0	63	12.1	500	59.6	0.0	-5.0	10.3	0.5	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652575.8	4787034.0	1.5	0	63	12.1	1000	59.6	0.0	-5.0	10.7	1.0	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652575.8	4787034.0	1.5	0	61	12.1	2000	59.6	0.0	-5.0	11.5	2.6	0.0	0.0	0.0	0.0	0.0	4
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	84	0.0	125	54.7	0.0	-3.6	18.5	0.1	0.0	0.0	0.0	0.0	0.0	8
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	91	0.0	250	54.7	0.0	-3.6	21.5	0.2	0.0	0.0	0.0	0.0	0.0	12
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	500	54.7	0.0	-3.6	24.4	0.3	0.0	0.0	0.0	0.0	0.0	14
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	98	0.0	1000	54.7	0.0	-3.6	27.3	0.6	0.0	0.0	0.0	0.0	0.0	13
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	2000	54.7	0.0	-3.6	27.9	1.5	0.0	0.0	0.0	0.0	0.0	10
L04	5-Ton Pass-by 2	17652546.0	4786962.4	1.5	0	55	15.5	1000	56.9	0.0	-4.4	17.5	0.7	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652525.6	4786961.4	1.5	0	52	7.2	500	56.9	0.0	-3.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652525.6	4786961.4	1.5	0	55	7.2	1000	56.9	0.0	-3.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	9
L04	5-Ton Pass-by 2	17652525.6	4786961.4	1.5	0	52	7.2	2000	56.9	0.0	-3.9	0.0	1.9	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652575.8	4787034.0	1.5	0	55	12.1	1000	59.6	0.0	-5.0	10.7	1.0	0.0	0.0	0.0	0.0	0.0	1
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	80	0.0	125	55.7	0.0	-4.0	14.7	0.1	0.0	0.0	0.0	0.0	0.0	7
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	250	55.7	0.0	-4.0	18.2	0.2	0.0	0.0	0.0	0.0	0.0	9
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	91	0.0	500	55.7	0.0	-4.0	21.5	0.3	0.0	0.0	0.0	0.0	0.0	11
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	92	0.0	1000	55.7	0.0	-4.0	24.6	0.6	0.0	0.0	0.0	0.0	0.0	9
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	90	0.0	2000	55.7	0.0	-4.0	26.5	1.7	0.0	0.0	0.0	0.0	0.0	4
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	68	0.0	63	54.6	0.0	-4.5	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	81	0.0	125	54.6	0.0	-3.8	14.2	0.1	0.0	0.0	0.0	0.0	0.0	10
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	90	0.0	250	54.6	0.0	-3.8	17.6	0.2	0.0	0.0	0.0	0.0	0.0	15
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	500	54.6	0.0	-3.8	20.8	0.3	0.0	0.0	0.0	0.0	0.0	19
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	1000	54.6	0.0	-3.8	23.9	0.6	0.0	0.0	0.0	0.0	0.0	15

Receiver: RP09
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	34

Receiver Name	Receiver ID	X	Y	Z
RP09	RP09	17652544.55 m	4786766.04 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	96	0.0	2000	54.6	0.0	-3.8	25.8	1.5	0.0	0.0	0.0	0.0	0.0	11
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	92	0.0	4000	54.6	0.0	-3.8	27.1	4.9	0.0	0.0	0.0	0.0	0.0	3
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	67	0.0	63	58.3	0.0	-3.3	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	11
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	80	0.0	125	58.3	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	19
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	84	0.0	250	58.3	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-9.0	0.0	20
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	87	0.0	500	58.3	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	21
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	89	0.0	1000	58.3	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-11.1	0.0	22
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	85	0.0	2000	58.3	0.0	-3.0	0.0	2.2	0.0	0.0	0.0	-12.1	0.0	16
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	78	0.0	4000	58.3	0.0	-3.0	0.0	7.6	0.0	0.0	0.0	-13.1	0.0	2
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	53.6	0.0	-2.7	7.7	0.1	0.0	0.0	0.0	-5.0	0.0	12
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	250	53.6	0.0	-2.8	10.3	0.1	0.0	0.0	0.0	-9.0	0.0	9
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	84	0.0	500	53.6	0.0	-2.9	12.9	0.3	0.0	0.0	0.0	-10.1	0.0	10
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	83	0.0	1000	53.6	0.0	-2.9	15.7	0.5	0.0	0.0	0.0	-11.1	0.0	5
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	53.8	0.0	-2.5	8.7	0.1	0.0	0.0	0.0	-5.0	0.0	11
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	250	53.8	0.0	-2.8	11.6	0.1	0.0	0.0	0.0	-9.0	0.0	7
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	84	0.0	500	53.8	0.0	-2.8	14.4	0.3	0.0	0.0	0.0	-10.1	0.0	8
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	83	0.0	1000	53.8	0.0	-2.8	17.3	0.5	0.0	0.0	0.0	-11.1	0.0	3
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	67	0.0	63	59.1	0.0	-3.5	9.2	0.0	0.0	0.0	0.0	-1.0	0.0	1
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	80	0.0	125	59.1	0.0	-3.2	11.9	0.1	0.0	0.0	0.0	-5.0	0.0	7
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	84	0.0	250	59.1	0.0	-3.3	15.1	0.3	0.0	0.0	0.0	-9.0	0.0	4
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	87	0.0	500	59.1	0.0	-3.4	18.3	0.5	0.0	0.0	0.0	-10.0	0.0	2
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	89	0.0	1000	59.1	0.0	-3.4	21.3	0.9	0.0	0.0	0.0	-11.1	0.0	0
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	72	0.0	250	58.4	0.0	-3.1	7.9	0.2	0.0	0.0	0.0	-9.0	0.0	0
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	84	0.0	500	58.4	0.0	-3.2	7.9	0.5	0.0	0.0	0.0	-10.0	0.0	10
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	89	0.0	1000	58.4	0.0	-3.2	7.9	0.9	0.0	0.0	0.0	-11.1	0.0	14
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	87	0.0	2000	58.4	0.0	-3.2	7.9	2.3	0.0	0.0	0.0	-12.1	0.0	10
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	80	0.0	125	59.4	0.0	-2.8	13.4	0.1	0.0	0.0	0.0	-5.0	0.0	5
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	84	0.0	250	59.4	0.0	-3.0	17.1	0.3	0.0	0.0	0.0	-9.0	0.0	2
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	67	0.0	63	59.4	0.0	-3.6	8.5	0.0	0.0	0.0	0.0	-1.0	0.0	2
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	80	0.0	125	59.4	0.0	-3.4	11.1	0.1	0.0	0.0	0.0	-5.0	0.0	8
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	84	0.0	250	59.4	0.0	-3.4	14.2	0.3	0.0	0.0	0.0	-9.0	0.0	5
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	87	0.0	500	59.4	0.0	-3.4	17.2	0.5	0.0	0.0	0.0	-10.0	0.0	3
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	89	0.0	1000	59.4	0.0	-3.4	20.2	1.0	0.0	0.0	0.0	-11.1	0.0	1
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	67	0.0	63	59.5	0.0	-3.6	8.7	0.0	0.0	0.0	0.0	-1.0	0.0	1
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	80	0.0	125	59.5	0.0	-3.5	11.4	0.1	0.0	0.0	0.0	-5.0	0.0	7
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	84	0.0	250	59.5	0.0	-3.5	14.5	0.3	0.0	0.0	0.0	-9.0	0.0	5
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	87	0.0	500	59.5	0.0	-3.5	17.6	0.5	0.0	0.0	0.0	-10.0	0.0	3
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	89	0.0	1000	59.5	0.0	-3.5	20.6	1.0	0.0	0.0	0.0	-11.1	0.0	0
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	80	0.0	125	60.4	0.0	-3.4	14.2	0.1	0.0	0.0	0.0	-5.0	0.0	4
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	84	0.0	250	60.4	0.0	-3.4	17.8	0.3	0.0	0.0	0.0	-9.0	0.0	0
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	80	0.0	125	60.7	0.0	-3.9	14.8	0.1	0.0	0.0	0.0	-5.0	0.0	3
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	84	0.0	250	60.7	0.0	-3.9	18.0	0.3	0.0	0.0	0.0	-9.0	0.0	0
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	80	0.0	125	60.8	0.0	-3.6	14.0	0.1	0.0	0.0	0.0	-5.0	0.0	4

Receiver: RP09
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	34

Receiver Name	Receiver ID	X	Y	Z
RP09	RP09	17652544.55 m	4786766.04 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	84	0.0	250	60.8	0.0	-3.6	17.6	0.3	0.0	0.0	0.0	-9.0	0.0	0
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	80	0.0	125	60.9	0.0	-3.6	14.1	0.1	0.0	0.0	0.0	-5.0	0.0	3
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	84	0.0	250	60.9	0.0	-3.6	17.7	0.3	0.0	0.0	0.0	-9.0	0.0	0
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	80	0.0	125	60.9	0.0	-4.0	14.5	0.1	0.0	0.0	0.0	-5.0	0.0	3
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	84	0.0	250	60.9	0.0	-4.0	17.6	0.3	0.0	0.0	0.0	-9.0	0.0	1
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	67	0.0	63	61.0	0.0	-4.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	80	0.0	125	61.0	0.0	-3.2	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	17
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	84	0.0	250	61.0	0.0	-3.2	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	17
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	87	0.0	500	61.0	0.0	-3.2	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	18
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	89	0.0	1000	61.0	0.0	-3.2	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	19
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	85	0.0	2000	61.0	0.0	-3.2	0.0	3.1	0.0	0.0	0.0	-12.1	0.0	12
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	78	0.0	125	60.3	0.0	-3.5	14.1	0.1	0.0	0.0	0.0	-5.0	0.0	2
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	67	0.0	63	61.0	0.0	-4.0	8.8	0.0	0.0	0.0	0.0	-1.0	0.0	0
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	80	0.0	125	61.0	0.0	-3.8	8.5	0.1	0.0	0.0	0.0	-5.0	0.0	9
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	84	0.0	250	61.0	0.0	-3.8	8.5	0.3	0.0	0.0	0.0	-9.0	0.0	9
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	87	0.0	500	61.0	0.0	-3.8	8.5	0.6	0.0	0.0	0.0	-10.0	0.0	10
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	89	0.0	1000	61.0	0.0	-3.8	8.5	1.2	0.0	0.0	0.0	-11.0	0.0	11
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	85	0.0	2000	61.0	0.0	-3.8	8.5	3.1	0.0	0.0	0.0	-12.1	0.0	4
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	67	0.0	63	61.1	0.0	-4.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	80	0.0	125	61.1	0.0	-3.4	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	17
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	84	0.0	250	61.1	0.0	-3.4	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	17
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	87	0.0	500	61.1	0.0	-3.4	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	19
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	89	0.0	1000	61.1	0.0	-3.4	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	19
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	85	0.0	2000	61.1	0.0	-3.4	0.0	3.1	0.0	0.0	0.0	-12.1	0.0	12
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	67	0.0	63	61.1	0.0	-4.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	9
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	80	0.0	125	61.1	0.0	-3.5	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	17
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	84	0.0	250	61.1	0.0	-3.5	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	18
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	87	0.0	500	61.1	0.0	-3.5	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	19
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	89	0.0	1000	61.1	0.0	-3.5	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	19
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	85	0.0	2000	61.1	0.0	-3.5	0.0	3.1	0.0	0.0	0.0	-12.1	0.0	13
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	80	0.0	125	61.1	0.0	-3.6	13.8	0.1	0.0	0.0	0.0	-5.0	0.0	3
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	84	0.0	250	61.1	0.0	-3.6	17.4	0.3	0.0	0.0	0.0	-9.0	0.0	0
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	84	0.0	500	61.0	0.0	-4.0	8.7	0.6	0.0	0.0	0.0	-10.0	0.0	7
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	89	0.0	1000	61.0	0.0	-4.0	8.7	1.2	0.0	0.0	0.0	-11.0	0.0	11
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	87	0.0	2000	61.0	0.0	-4.0	8.7	3.1	0.0	0.0	0.0	-12.1	0.0	6
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	75	0.0	125	58.3	0.0	-3.0	7.8	0.1	0.0	0.0	0.0	-5.0	0.0	7
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	250	58.3	0.0	-3.2	7.9	0.2	0.0	0.0	0.0	-9.0	0.0	8
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	83	0.0	500	58.3	0.0	-3.2	8.0	0.4	0.0	0.0	0.0	-10.0	0.0	9
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	82	0.0	1000	58.3	0.0	-3.2	8.0	0.8	0.0	0.0	0.0	-11.1	0.0	7
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	2000	58.3	0.0	-3.2	8.0	2.2	0.0	0.0	0.0	-12.1	0.0	3
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	76	0.0	125	58.8	0.0	-3.0	13.5	0.1	0.0	0.0	0.0	-5.0	0.0	2
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	76	0.0	125	59.6	0.0	-3.5	13.8	0.1	0.0	0.0	0.0	-5.0	0.0	1
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	76	0.0	125	60.9	0.0	-3.7	8.5	0.1	0.0	0.0	0.0	-5.0	0.0	5

Receiver: RP09
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	34

Receiver Name	Receiver ID	X	Y	Z
RP09	RP09	17652544.55 m	4786766.04 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	79	0.0	250	60.9	0.0	-3.7	8.5	0.3	0.0	0.0	0.0	-9.0	0.0	4
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	84	0.0	500	60.9	0.0	-3.7	8.5	0.6	0.0	0.0	0.0	-10.0	0.0	8
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	83	0.0	1000	60.9	0.0	-3.7	8.5	1.1	0.0	0.0	0.0	-11.0	0.0	5
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	76	0.0	125	61.2	0.0	-3.8	8.6	0.1	0.0	0.0	0.0	-5.0	0.0	5
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	79	0.0	250	61.2	0.0	-3.8	8.6	0.3	0.0	0.0	0.0	-9.0	0.0	4
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	84	0.0	500	61.2	0.0	-3.8	8.6	0.6	0.0	0.0	0.0	-10.0	0.0	7
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	83	0.0	1000	61.2	0.0	-3.8	8.6	1.2	0.0	0.0	0.0	-11.0	0.0	5
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	76	0.0	125	61.2	0.0	-3.9	8.6	0.1	0.0	0.0	0.0	-5.0	0.0	5
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	79	0.0	250	61.2	0.0	-3.9	8.6	0.3	0.0	0.0	0.0	-9.0	0.0	4
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	84	0.0	500	61.2	0.0	-3.9	8.6	0.6	0.0	0.0	0.0	-10.0	0.0	7
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	83	0.0	1000	61.2	0.0	-3.9	8.6	1.2	0.0	0.0	0.0	-11.0	0.0	5
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	76	0.0	125	62.3	0.0	-2.5	9.6	0.2	0.0	0.0	0.0	-5.0	0.0	2
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	72	0.0	63	54.7	0.0	-4.5	16.0	0.0	0.0	0.0	0.0	0.0	0.0	0
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	87	0.0	125	54.7	0.0	-3.6	18.5	0.1	0.0	0.0	0.0	0.0	0.0	11
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	91	0.0	250	54.7	0.0	-3.6	21.4	0.2	0.0	0.0	0.0	0.0	0.0	13
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	98	0.0	500	54.7	0.0	-3.6	24.4	0.3	0.0	0.0	0.0	0.0	0.0	17
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	100	0.0	1000	54.7	0.0	-3.6	27.3	0.6	0.0	0.0	0.0	0.0	0.0	15
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	99	0.0	2000	54.7	0.0	-3.6	27.9	1.5	0.0	0.0	0.0	0.0	0.0	12
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	94	0.0	4000	54.7	0.0	-3.6	28.2	5.0	0.0	0.0	0.0	0.0	0.0	4

Receiver: RP10
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
RP10	RP10	17652529.30 m	4786748.23 m	17.65 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L01	15-Ton Pass-by	17652672.2	4786882.7	1.5	0	52	9.4	125	56.9	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	7
L01	15-Ton Pass-by	17652672.2	4786882.7	1.5	0	57	9.4	250	56.9	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652672.2	4786882.7	1.5	0	63	9.4	500	56.9	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	18
L01	15-Ton Pass-by	17652672.2	4786882.7	1.5	0	63	9.4	1000	56.9	0.0	-2.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	17
L01	15-Ton Pass-by	17652672.2	4786882.7	1.5	0	61	9.4	2000	56.9	0.0	-2.7	0.0	1.9	0.0	0.0	0.0	0.0	0.0	14
L01	15-Ton Pass-by	17652672.2	4786882.7	1.5	0	55	9.4	4000	56.9	0.0	-2.7	0.0	6.5	0.0	0.0	0.0	0.0	0.0	4
L01	15-Ton Pass-by	17652663.8	4786882.7	1.5	0	52	9.2	125	56.6	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	7
L01	15-Ton Pass-by	17652663.8	4786882.7	1.5	0	57	9.2	250	56.6	0.0	-2.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652663.8	4786882.7	1.5	0	63	9.2	500	56.6	0.0	-2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	18
L01	15-Ton Pass-by	17652663.8	4786882.7	1.5	0	63	9.2	1000	56.6	0.0	-2.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	17
L01	15-Ton Pass-by	17652663.8	4786882.7	1.5	0	61	9.2	2000	56.6	0.0	-2.6	0.0	1.8	0.0	0.0	0.0	0.0	0.0	14
L01	15-Ton Pass-by	17652663.8	4786882.7	1.5	0	55	9.2	4000	56.6	0.0	-2.6	0.0	6.3	0.0	0.0	0.0	0.0	0.0	4
L01	15-Ton Pass-by	17652652.2	4786882.7	1.5	0	52	11.7	125	56.2	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652652.2	4786882.7	1.5	0	57	11.7	250	56.2	0.0	-2.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	15
L01	15-Ton Pass-by	17652652.2	4786882.7	1.5	0	63	11.7	500	56.2	0.0	-2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	21
L01	15-Ton Pass-by	17652652.2	4786882.7	1.5	0	63	11.7	1000	56.2	0.0	-2.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	20
L01	15-Ton Pass-by	17652652.2	4786882.7	1.5	0	61	11.7	2000	56.2	0.0	-2.6	0.0	1.8	0.0	0.0	0.0	0.0	0.0	17
L01	15-Ton Pass-by	17652652.2	4786882.7	1.5	0	55	11.7	4000	56.2	0.0	-2.6	0.0	6.0	0.0	0.0	0.0	0.0	0.0	7
L01	15-Ton Pass-by	17652686.8	4786858.6	1.5	0	52	8.0	125	56.7	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	6
L01	15-Ton Pass-by	17652686.8	4786858.6	1.5	0	57	8.0	250	56.7	0.0	-2.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	11
L01	15-Ton Pass-by	17652686.8	4786858.6	1.5	0	63	8.0	500	56.7	0.0	-2.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	16
L01	15-Ton Pass-by	17652686.8	4786858.6	1.5	0	63	8.0	1000	56.7	0.0	-2.5	0.0	0.7	0.0	0.0	0.0	0.0	0.0	16
L01	15-Ton Pass-by	17652686.8	4786858.6	1.5	0	61	8.0	2000	56.7	0.0	-2.5	0.0	1.9	0.0	0.0	0.0	0.0	0.0	13
L01	15-Ton Pass-by	17652686.8	4786858.6	1.5	0	55	8.0	4000	56.7	0.0	-2.5	0.0	6.3	0.0	0.0	0.0	0.0	0.0	3
L01	15-Ton Pass-by	17652685.3	4786862.6	1.5	0	52	3.3	125	56.8	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	1
L01	15-Ton Pass-by	17652685.3	4786862.6	1.5	0	57	3.3	250	56.8	0.0	-2.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	6
L01	15-Ton Pass-by	17652685.3	4786862.6	1.5	0	63	3.3	500	56.8	0.0	-2.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	11
L01	15-Ton Pass-by	17652685.3	4786862.6	1.5	0	63	3.3	1000	56.8	0.0	-2.5	0.0	0.7	0.0	0.0	0.0	0.0	0.0	11
L01	15-Ton Pass-by	17652685.3	4786862.6	1.5	0	61	3.3	2000	56.8	0.0	-2.5	0.0	1.9	0.0	0.0	0.0	0.0	0.0	8
L01	15-Ton Pass-by	17652684.5	4786864.7	1.5	0	52	3.9	125	56.8	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2
L01	15-Ton Pass-by	17652684.5	4786864.7	1.5	0	57	3.9	250	56.8	0.0	-2.5	0.0	0.2	0.0	0.0	0.0	0.0	0.0	6
L01	15-Ton Pass-by	17652684.5	4786864.7	1.5	0	63	3.9	500	56.8	0.0	-2.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652684.5	4786864.7	1.5	0	63	3.9	1000	56.8	0.0	-2.5	0.0	0.7	0.0	0.0	0.0	0.0	0.0	11
L01	15-Ton Pass-by	17652684.5	4786864.7	1.5	0	61	3.9	2000	56.8	0.0	-2.5	0.0	1.9	0.0	0.0	0.0	0.0	0.0	8
L01	15-Ton Pass-by	17652680.6	4786874.6	1.5	0	52	4.9	125	56.9	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	3
L01	15-Ton Pass-by	17652680.6	4786874.6	1.5	0	57	4.9	250	56.9	0.0	-2.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	7
L01	15-Ton Pass-by	17652680.6	4786874.6	1.5	0	63	4.9	500	56.9	0.0	-2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	13
L01	15-Ton Pass-by	17652680.6	4786874.6	1.5	0	63	4.9	1000	56.9	0.0	-2.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	13
L01	15-Ton Pass-by	17652680.6	4786874.6	1.5	0	61	4.9	2000	56.9	0.0	-2.6	0.0	1.9	0.0	0.0	0.0	0.0	0.0	9
L01	15-Ton Pass-by	17652678.6	4786878.6	1.5	0	52	7.7	125	57.0	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	5
L01	15-Ton Pass-by	17652678.6	4786878.6	1.5	0	57	7.7	250	57.0	0.0	-2.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652678.6	4786878.6	1.5	0	63	7.7	500	57.0	0.0	-2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	16
L01	15-Ton Pass-by	17652678.6	4786878.6	1.5	0	63	7.7	1000	57.0	0.0	-2.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	15

Receiver: RP10
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
RP10	RP10	17652529.30 m	4786748.23 m	17.65 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L01	15-Ton Pass-by	17652678.6	4786878.6	1.5	0	61	7.7	2000	57.0	0.0	-2.6	0.0	1.9	0.0	0.0	0.0	0.0	0.0	12
L01	15-Ton Pass-by	17652678.6	4786878.6	1.5	0	55	7.7	4000	57.0	0.0	-2.6	0.0	6.5	0.0	0.0	0.0	0.0	0.0	2
L01	15-Ton Pass-by	17652677.0	4786882.0	1.5	0	57	1.9	250	57.0	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	4
L01	15-Ton Pass-by	17652677.0	4786882.0	1.5	0	63	1.9	500	57.0	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	10
L01	15-Ton Pass-by	17652677.0	4786882.0	1.5	0	63	1.9	1000	57.0	0.0	-2.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	9
L01	15-Ton Pass-by	17652677.0	4786882.0	1.5	0	61	1.9	2000	57.0	0.0	-2.7	0.0	1.9	0.0	0.0	0.0	0.0	0.0	6
L01	15-Ton Pass-by	17652682.7	4786869.5	1.5	0	52	8.9	125	56.9	0.0	-2.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	7
L01	15-Ton Pass-by	17652682.7	4786869.5	1.5	0	57	8.9	250	56.9	0.0	-2.6	0.0	0.2	0.0	0.0	0.0	0.0	0.0	11
L01	15-Ton Pass-by	17652682.7	4786869.5	1.5	0	63	8.9	500	56.9	0.0	-2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	17
L01	15-Ton Pass-by	17652682.7	4786869.5	1.5	0	63	8.9	1000	56.9	0.0	-2.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	17
L01	15-Ton Pass-by	17652682.7	4786869.5	1.5	0	61	8.9	2000	56.9	0.0	-2.6	0.0	1.9	0.0	0.0	0.0	0.0	0.0	13
L01	15-Ton Pass-by	17652682.7	4786869.5	1.5	0	55	8.9	4000	56.9	0.0	-2.6	0.0	6.4	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652650.5	4786967.3	1.5	0	41	15.4	63	59.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652650.5	4786967.3	1.5	0	52	15.4	125	59.0	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652650.5	4786967.3	1.5	0	57	15.4	250	59.0	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	16
L02	15-Ton Pass-by 2	17652650.5	4786967.3	1.5	0	63	15.4	500	59.0	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	22
L02	15-Ton Pass-by 2	17652650.5	4786967.3	1.5	0	63	15.4	1000	59.0	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	21
L02	15-Ton Pass-by 2	17652650.5	4786967.3	1.5	0	61	15.4	2000	59.0	0.0	-2.9	0.0	2.4	0.0	0.0	0.0	0.0	0.0	18
L02	15-Ton Pass-by 2	17652650.5	4786967.3	1.5	0	55	15.4	4000	59.0	0.0	-2.9	0.0	8.2	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652631.1	4786966.4	1.5	0	52	5.9	125	58.7	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652631.1	4786966.4	1.5	0	57	5.9	250	58.7	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652631.1	4786966.4	1.5	0	63	5.9	500	58.7	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652631.1	4786966.4	1.5	0	63	5.9	1000	58.7	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652631.1	4786966.4	1.5	0	61	5.9	2000	58.7	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652626.2	4786966.2	1.5	0	52	7.7	125	58.6	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652626.2	4786966.2	1.5	0	57	7.7	250	58.6	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652626.2	4786966.2	1.5	0	63	7.7	500	58.6	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652626.2	4786966.2	1.5	0	63	7.7	1000	58.6	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652626.2	4786966.2	1.5	0	61	7.7	2000	58.6	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	52	7.0	125	58.5	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	57	7.0	250	58.5	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	63	7.0	500	58.5	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	63	7.0	1000	58.5	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	61	7.0	2000	58.5	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652612.8	4786965.5	1.5	0	57	10.4	250	58.4	0.0	-2.9	7.7	0.2	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652612.8	4786965.5	1.5	0	63	10.4	500	58.4	0.0	-2.9	7.7	0.4	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652612.8	4786965.5	1.5	0	63	10.4	1000	58.4	0.0	-2.9	7.7	0.9	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652612.8	4786965.5	1.5	0	61	10.4	2000	58.4	0.0	-2.9	7.7	2.3	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652606.4	4786965.2	1.5	0	57	2.5	250	58.3	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652606.4	4786965.2	1.5	0	63	2.5	500	58.3	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652606.4	4786965.2	1.5	0	63	2.5	1000	58.3	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652606.4	4786965.2	1.5	0	61	2.5	2000	58.3	0.0	-3.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652601.7	4786965.0	1.5	0	52	8.9	125	58.2	0.0	-3.0	3.0	0.1	0.0	0.0	0.0	0.0	0.0	3

Receiver: RP10
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
RP10	RP10	17652529.30 m	4786748.23 m	17.65 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L02	15-Ton Pass-by 2	17652601.7	4786965.0	1.5	0	57	8.9	250	58.2	0.0	-3.0	3.0	0.2	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652601.7	4786965.0	1.5	0	63	8.9	500	58.2	0.0	-3.0	3.1	0.4	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652601.7	4786965.0	1.5	0	63	8.9	1000	58.2	0.0	-3.0	3.2	0.8	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652601.7	4786965.0	1.5	0	61	8.9	2000	58.2	0.0	-3.0	3.4	2.2	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652597.2	4786964.8	1.5	0	63	0.8	500	58.1	0.0	-3.0	3.4	0.4	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652597.2	4786964.8	1.5	0	63	0.8	1000	58.1	0.0	-3.0	3.8	0.8	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652587.3	4786964.3	1.5	0	52	12.7	125	58.0	0.0	-3.0	7.9	0.1	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652587.3	4786964.3	1.5	0	57	12.7	250	58.0	0.0	-3.0	8.1	0.2	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652587.3	4786964.3	1.5	0	63	12.7	500	58.0	0.0	-3.0	8.4	0.4	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652587.3	4786964.3	1.5	0	63	12.7	1000	58.0	0.0	-3.0	8.9	0.8	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652587.3	4786964.3	1.5	0	61	12.7	2000	58.0	0.0	-3.0	9.8	2.2	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652573.9	4786963.7	1.5	0	57	9.2	250	57.9	0.0	-3.0	8.4	0.2	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652573.9	4786963.7	1.5	0	63	9.2	500	57.9	0.0	-3.0	8.9	0.4	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652573.9	4786963.7	1.5	0	63	9.2	1000	57.9	0.0	-3.0	9.8	0.8	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652573.9	4786963.7	1.5	0	61	9.2	2000	57.9	0.0	-3.0	11.2	2.1	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652565.1	4786963.3	1.5	0	57	9.7	250	57.8	0.0	-3.0	8.5	0.2	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652565.1	4786963.3	1.5	0	63	9.7	500	57.8	0.0	-3.0	9.2	0.4	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652565.1	4786963.3	1.5	0	63	9.7	1000	57.8	0.0	-3.0	10.3	0.8	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652565.1	4786963.3	1.5	0	61	9.7	2000	57.8	0.0	-3.0	11.8	2.1	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652558.6	4786963.0	1.5	0	63	5.8	500	57.7	0.0	-2.9	11.1	0.4	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652544.8	4786962.3	1.5	0	52	13.8	125	57.7	0.0	-2.7	8.7	0.1	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652544.8	4786962.3	1.5	0	57	13.8	250	57.7	0.0	-2.7	9.7	0.2	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652544.8	4786962.3	1.5	0	63	13.8	500	57.7	0.0	-2.7	11.2	0.4	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652544.8	4786962.3	1.5	0	63	13.8	1000	57.7	0.0	-2.7	13.2	0.8	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652544.8	4786962.3	1.5	0	61	13.8	2000	57.7	0.0	-2.7	15.5	2.1	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652531.5	4786961.7	1.5	0	63	4.5	500	57.6	0.0	-2.6	10.4	0.4	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652526.5	4786961.5	1.5	0	52	8.6	125	57.6	0.0	-2.6	5.3	0.1	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652526.5	4786961.5	1.5	0	57	8.6	250	57.6	0.0	-2.6	6.4	0.2	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652526.5	4786961.5	1.5	0	63	8.6	500	57.6	0.0	-2.6	7.1	0.4	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652526.5	4786961.5	1.5	0	63	8.6	1000	57.6	0.0	-2.6	7.6	0.8	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652526.5	4786961.5	1.5	0	61	8.6	2000	57.6	0.0	-2.6	8.3	2.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652587.8	4787019.9	1.5	0	52	7.5	125	59.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652587.8	4787019.9	1.5	0	57	7.5	250	59.9	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652587.8	4787019.9	1.5	0	63	7.5	500	59.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652587.8	4787019.9	1.5	0	63	7.5	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	12
L02	15-Ton Pass-by 2	17652587.8	4787019.9	1.5	0	61	7.5	2000	59.9	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652602.5	4787020.4	1.5	0	52	13.7	125	60.0	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652602.5	4787020.4	1.5	0	57	13.7	250	60.0	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652602.5	4787020.4	1.5	0	63	13.7	500	60.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	19
L02	15-Ton Pass-by 2	17652602.5	4787020.4	1.5	0	63	13.7	1000	60.0	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	18
L02	15-Ton Pass-by 2	17652602.5	4787020.4	1.5	0	61	13.7	2000	60.0	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652602.5	4787020.4	1.5	0	55	13.7	4000	60.0	0.0	-3.0	0.0	9.3	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652614.9	4787020.9	1.5	0	57	1.0	250	60.1	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1

Receiver: RP10
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
RP10	RP10	17652529.30 m	4786748.23 m	17.65 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L02	15-Ton Pass-by 2	17652614.9	4787020.9	1.5	0	63	1.0	500	60.1	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652614.9	4787020.9	1.5	0	63	1.0	1000	60.1	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652614.9	4787020.9	1.5	0	61	1.0	2000	60.1	0.0	-3.0	0.0	2.8	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652621.5	4787021.1	1.5	0	52	10.7	125	60.2	0.0	-3.0	5.4	0.1	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652621.5	4787021.1	1.5	0	57	10.7	250	60.2	0.0	-3.0	6.3	0.3	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652621.5	4787021.1	1.5	0	63	10.7	500	60.2	0.0	-3.0	7.3	0.6	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652621.5	4787021.1	1.5	0	63	10.7	1000	60.2	0.0	-3.0	8.4	1.1	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652621.5	4787021.1	1.5	0	61	10.7	2000	60.2	0.0	-3.0	9.8	2.8	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652637.4	4787021.7	1.5	0	57	13.0	250	60.4	0.0	-2.9	8.1	0.3	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652637.4	4787021.7	1.5	0	63	13.0	500	60.4	0.0	-2.9	8.5	0.6	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652637.4	4787021.7	1.5	0	63	13.0	1000	60.4	0.0	-2.9	9.2	1.1	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652637.4	4787021.7	1.5	0	61	13.0	2000	60.4	0.0	-2.9	10.4	2.8	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652649.2	4787022.1	1.5	0	63	5.6	500	60.5	0.0	-2.9	8.5	0.6	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652649.2	4787022.1	1.5	0	63	5.6	1000	60.5	0.0	-2.9	9.2	1.1	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652652.9	4787022.3	1.5	0	63	5.8	500	60.6	0.0	-2.9	8.5	0.6	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652652.9	4787022.3	1.5	0	63	5.8	1000	60.6	0.0	-2.9	9.2	1.1	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652656.9	4787022.4	1.5	0	63	6.1	500	60.6	0.0	-2.9	8.5	0.6	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652656.9	4787022.4	1.5	0	63	6.1	1000	60.6	0.0	-2.9	9.2	1.1	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652674.1	4787023.0	1.5	0	52	14.8	125	60.9	0.0	-2.9	7.9	0.1	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652674.1	4787023.0	1.5	0	57	14.8	250	60.9	0.0	-2.9	8.1	0.3	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652674.1	4787023.0	1.5	0	63	14.8	500	60.9	0.0	-2.9	8.5	0.6	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652674.1	4787023.0	1.5	0	63	14.8	1000	60.9	0.0	-2.9	9.2	1.1	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652674.1	4787023.0	1.5	0	61	14.8	2000	60.9	0.0	-2.9	10.3	3.0	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652692.3	4787004.1	1.5	0	52	13.4	125	60.7	0.0	-2.9	5.0	0.1	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652692.3	4787004.1	1.5	0	57	13.4	250	60.7	0.0	-2.9	5.9	0.3	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652692.3	4787004.1	1.5	0	63	13.4	500	60.7	0.0	-2.9	6.7	0.6	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652692.3	4787004.1	1.5	0	63	13.4	1000	60.7	0.0	-2.9	7.5	1.1	0.0	0.0	0.0	0.0	0.0	10
L02	15-Ton Pass-by 2	17652692.3	4787004.1	1.5	0	61	13.4	2000	60.7	0.0	-2.9	8.4	2.9	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652691.4	4786988.1	1.5	0	52	10.1	125	60.2	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652691.4	4786988.1	1.5	0	57	10.1	250	60.2	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652691.4	4786988.1	1.5	0	63	10.1	500	60.2	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	15
L02	15-Ton Pass-by 2	17652691.4	4786988.1	1.5	0	63	10.1	1000	60.2	0.0	-2.9	0.0	1.1	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652691.4	4786988.1	1.5	0	61	10.1	2000	60.2	0.0	-2.9	0.0	2.8	0.0	0.0	0.0	0.0	0.0	11
L02	15-Ton Pass-by 2	17652691.0	4786981.8	1.5	0	57	3.9	250	60.1	0.0	-2.9	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652691.0	4786981.8	1.5	0	63	3.9	500	60.1	0.0	-2.9	3.1	0.5	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652691.0	4786981.8	1.5	0	63	3.9	1000	60.1	0.0	-2.9	3.2	1.0	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652691.0	4786981.8	1.5	0	61	3.9	2000	60.1	0.0	-2.9	3.4	2.7	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652690.8	4786978.6	1.5	0	57	6.1	250	60.0	0.0	-2.9	3.7	0.3	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652690.8	4786978.6	1.5	0	63	6.1	500	60.0	0.0	-2.9	4.2	0.5	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652690.8	4786978.6	1.5	0	63	6.1	1000	60.0	0.0	-2.9	4.9	1.0	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652690.8	4786978.6	1.5	0	61	6.1	2000	60.0	0.0	-2.9	5.6	2.7	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652569.8	4787043.3	1.5	0	57	8.4	250	60.5	0.0	-2.9	3.4	0.3	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652569.8	4787043.3	1.5	0	63	8.4	500	60.5	0.0	-2.9	3.8	0.6	0.0	0.0	0.0	0.0	0.0	9

Receiver: RP10
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
RP10	RP10	17652529.30 m	4786748.23 m	17.65 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L02	15-Ton Pass-by 2	17652569.8	4787043.3	1.5	0	63	8.4	1000	60.5	0.0	-2.9	4.4	1.1	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652569.8	4787043.3	1.5	0	61	8.4	2000	60.5	0.0	-2.9	5.1	2.9	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652572.4	4787039.2	1.5	0	57	4.4	250	60.4	0.0	-2.9	3.3	0.3	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652572.4	4787039.2	1.5	0	63	4.4	500	60.4	0.0	-2.9	3.6	0.6	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652572.4	4787039.2	1.5	0	63	4.4	1000	60.4	0.0	-2.9	4.0	1.1	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652572.4	4787039.2	1.5	0	61	4.4	2000	60.4	0.0	-2.9	4.7	2.8	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652577.3	4787031.7	1.5	0	52	11.8	125	60.2	0.0	-3.0	3.1	0.1	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652577.3	4787031.7	1.5	0	57	11.8	250	60.2	0.0	-3.0	3.1	0.3	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652577.3	4787031.7	1.5	0	63	11.8	500	60.2	0.0	-3.0	3.2	0.6	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652577.3	4787031.7	1.5	0	63	11.8	1000	60.2	0.0	-3.0	3.4	1.1	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652577.3	4787031.7	1.5	0	61	11.8	2000	60.2	0.0	-3.0	3.8	2.8	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652582.6	4787023.4	1.5	0	57	6.6	250	60.0	0.0	-3.0	3.0	0.3	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652582.6	4787023.4	1.5	0	63	6.6	500	60.0	0.0	-3.0	3.0	0.5	0.0	0.0	0.0	0.0	0.0	9
L02	15-Ton Pass-by 2	17652582.6	4787023.4	1.5	0	63	6.6	1000	60.0	0.0	-3.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652582.6	4787023.4	1.5	0	61	6.6	2000	60.0	0.0	-3.0	3.0	2.7	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652584.4	4787020.6	1.5	0	57	3.1	250	59.9	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	3
L02	15-Ton Pass-by 2	17652584.4	4787020.6	1.5	0	63	3.1	500	59.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652584.4	4787020.6	1.5	0	63	3.1	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652584.4	4787020.6	1.5	0	61	3.1	2000	59.9	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652688.9	4786975.9	1.5	0	57	5.7	250	59.9	0.0	-2.9	3.7	0.3	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652688.9	4786975.9	1.5	0	63	5.7	500	59.9	0.0	-2.9	4.2	0.5	0.0	0.0	0.0	0.0	0.0	7
L02	15-Ton Pass-by 2	17652688.9	4786975.9	1.5	0	63	5.7	1000	59.9	0.0	-2.9	4.9	1.0	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652688.9	4786975.9	1.5	0	61	5.7	2000	59.9	0.0	-2.9	5.7	2.7	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652686.2	4786974.9	1.5	0	57	3.3	250	59.8	0.0	-2.9	3.0	0.3	0.0	0.0	0.0	0.0	0.0	0
L02	15-Ton Pass-by 2	17652686.2	4786974.9	1.5	0	63	3.3	500	59.8	0.0	-2.9	3.1	0.5	0.0	0.0	0.0	0.0	0.0	6
L02	15-Ton Pass-by 2	17652686.2	4786974.9	1.5	0	63	3.3	1000	59.8	0.0	-2.9	3.2	1.0	0.0	0.0	0.0	0.0	0.0	5
L02	15-Ton Pass-by 2	17652686.2	4786974.9	1.5	0	61	3.3	2000	59.8	0.0	-2.9	3.5	2.7	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652676.5	4786971.3	1.5	0	52	12.7	125	59.6	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	0.0	0.0	8
L02	15-Ton Pass-by 2	17652676.5	4786971.3	1.5	0	57	12.7	250	59.6	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	13
L02	15-Ton Pass-by 2	17652676.5	4786971.3	1.5	0	63	12.7	500	59.6	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	18
L02	15-Ton Pass-by 2	17652676.5	4786971.3	1.5	0	63	12.7	1000	59.6	0.0	-2.9	0.0	1.0	0.0	0.0	0.0	0.0	0.0	18
L02	15-Ton Pass-by 2	17652676.5	4786971.3	1.5	0	61	12.7	2000	59.6	0.0	-2.9	0.0	2.6	0.0	0.0	0.0	0.0	0.0	14
L02	15-Ton Pass-by 2	17652676.5	4786971.3	1.5	0	55	12.7	4000	59.6	0.0	-2.9	0.0	8.8	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652690.0	4787021.8	1.5	0	63	5.8	500	61.0	0.0	-2.9	8.2	0.6	0.0	0.0	0.0	0.0	0.0	2
L02	15-Ton Pass-by 2	17652690.0	4787021.8	1.5	0	63	5.8	1000	61.0	0.0	-2.9	8.6	1.2	0.0	0.0	0.0	0.0	0.0	1
L02	15-Ton Pass-by 2	17652691.9	4787017.5	1.5	0	63	7.5	500	61.0	0.0	-2.9	7.9	0.6	0.0	0.0	0.0	0.0	0.0	4
L02	15-Ton Pass-by 2	17652691.9	4787017.5	1.5	0	63	7.5	1000	61.0	0.0	-2.9	8.2	1.2	0.0	0.0	0.0	0.0	0.0	3
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	71	0.0	63	55.9	0.0	-3.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	4
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	84	0.0	125	55.9	0.0	-2.6	7.4	0.1	0.0	0.0	0.0	0.0	0.0	17
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	91	0.0	250	55.9	0.0	-2.6	7.4	0.2	0.0	0.0	0.0	0.0	0.0	24
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	500	55.9	0.0	-2.6	7.4	0.3	0.0	0.0	0.0	0.0	0.0	29
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	98	0.0	1000	55.9	0.0	-2.6	7.5	0.6	0.0	0.0	0.0	0.0	0.0	31
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	96	0.0	2000	55.9	0.0	-2.6	7.6	1.7	0.0	0.0	0.0	0.0	0.0	27

Receiver: RP10
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
RP10	RP10	17652529.30 m	4786748.23 m	17.65 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S43	5 Ton Aggregate Loading Cycle	17652654.9	4786871.5	1.0	0	89	0.0	4000	55.9	0.0	-2.6	7.9	5.8	0.0	0.0	0.0	0.0	0.0	16
L03	5-Ton Pass-by	17652672.2	4786882.7	1.5	0	47	9.4	500	56.9	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	2
L03	5-Ton Pass-by	17652672.2	4786882.7	1.5	0	50	9.4	1000	56.9	0.0	-2.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652672.2	4786882.7	1.5	0	47	9.4	2000	56.9	0.0	-2.7	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0
L03	5-Ton Pass-by	17652663.8	4786882.7	1.5	0	47	9.2	500	56.6	0.0	-2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	2
L03	5-Ton Pass-by	17652663.8	4786882.7	1.5	0	50	9.2	1000	56.6	0.0	-2.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652663.8	4786882.7	1.5	0	47	9.2	2000	56.6	0.0	-2.6	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0
L03	5-Ton Pass-by	17652652.2	4786882.7	1.5	0	47	11.7	500	56.2	0.0	-2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	5
L03	5-Ton Pass-by	17652652.2	4786882.7	1.5	0	50	11.7	1000	56.2	0.0	-2.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	8
L03	5-Ton Pass-by	17652652.2	4786882.7	1.5	0	47	11.7	2000	56.2	0.0	-2.6	0.0	1.8	0.0	0.0	0.0	0.0	0.0	3
L03	5-Ton Pass-by	17652686.8	4786858.6	1.5	0	47	8.0	500	56.7	0.0	-2.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0
L03	5-Ton Pass-by	17652686.8	4786858.6	1.5	0	50	8.0	1000	56.7	0.0	-2.5	0.0	0.7	0.0	0.0	0.0	0.0	0.0	4
L03	5-Ton Pass-by	17652680.6	4786874.6	1.5	0	50	4.9	1000	56.9	0.0	-2.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0
L03	5-Ton Pass-by	17652678.6	4786878.6	1.5	0	50	7.7	1000	57.0	0.0	-2.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	3
L03	5-Ton Pass-by	17652682.7	4786869.5	1.5	0	47	8.9	500	56.9	0.0	-2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	1
L03	5-Ton Pass-by	17652682.7	4786869.5	1.5	0	50	8.9	1000	56.9	0.0	-2.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652650.5	4786967.3	1.5	0	45	15.4	250	59.0	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652650.5	4786967.3	1.5	0	52	15.4	500	59.0	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	10
L04	5-Ton Pass-by 2	17652650.5	4786967.3	1.5	0	55	15.4	1000	59.0	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	14
L04	5-Ton Pass-by 2	17652650.5	4786967.3	1.5	0	52	15.4	2000	59.0	0.0	-2.9	0.0	2.4	0.0	0.0	0.0	0.0	0.0	9
L04	5-Ton Pass-by 2	17652650.5	4786967.3	1.5	0	49	15.4	4000	59.0	0.0	-2.9	0.0	8.2	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652631.1	4786966.4	1.5	0	52	5.9	500	58.7	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1
L04	5-Ton Pass-by 2	17652631.1	4786966.4	1.5	0	55	5.9	1000	58.7	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652626.2	4786966.2	1.5	0	52	7.7	500	58.6	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652626.2	4786966.2	1.5	0	55	7.7	1000	58.6	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652626.2	4786966.2	1.5	0	52	7.7	2000	58.6	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	52	7.0	500	58.5	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	55	7.0	1000	58.5	0.0	-2.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	6
L04	5-Ton Pass-by 2	17652620.7	4786965.9	1.5	0	52	7.0	2000	58.5	0.0	-2.9	0.0	2.3	0.0	0.0	0.0	0.0	0.0	1
L04	5-Ton Pass-by 2	17652612.8	4786965.5	1.5	0	55	10.4	1000	58.4	0.0	-2.9	7.7	0.9	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652606.4	4786965.2	1.5	0	55	2.5	1000	58.3	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652601.7	4786965.0	1.5	0	52	8.9	500	58.2	0.0	-3.0	3.1	0.4	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652601.7	4786965.0	1.5	0	55	8.9	1000	58.2	0.0	-3.0	3.2	0.8	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652587.3	4786964.3	1.5	0	52	12.7	500	58.0	0.0	-3.0	8.4	0.4	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652587.3	4786964.3	1.5	0	55	12.7	1000	58.0	0.0	-3.0	8.9	0.8	0.0	0.0	0.0	0.0	0.0	3
L04	5-Ton Pass-by 2	17652544.8	4786962.3	1.5	0	55	13.8	1000	57.7	0.0	-2.7	13.2	0.8	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652526.5	4786961.5	1.5	0	55	8.6	1000	57.6	0.0	-2.6	7.6	0.8	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652587.8	4787019.9	1.5	0	52	7.5	500	59.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652587.8	4787019.9	1.5	0	55	7.5	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652602.5	4787020.4	1.5	0	45	13.7	250	60.0	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652602.5	4787020.4	1.5	0	52	13.7	500	60.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	8
L04	5-Ton Pass-by 2	17652602.5	4787020.4	1.5	0	55	13.7	1000	60.0	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	11
L04	5-Ton Pass-by 2	17652602.5	4787020.4	1.5	0	52	13.7	2000	60.0	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	6

Receiver: RP10
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
RP10	RP10	17652529.30 m	4786748.23 m	17.65 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
L04	5-Ton Pass-by 2	17652637.4	4787021.7	1.5	0	55	13.0	1000	60.4	0.0	-2.9	9.2	1.1	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652674.1	4787023.0	1.5	0	55	14.8	1000	60.9	0.0	-2.9	9.2	1.1	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652692.3	4787004.1	1.5	0	55	13.4	1000	60.7	0.0	-2.9	7.5	1.1	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652691.4	4786988.1	1.5	0	52	10.1	500	60.2	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	4
L04	5-Ton Pass-by 2	17652691.4	4786988.1	1.5	0	55	10.1	1000	60.2	0.0	-2.9	0.0	1.1	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652691.4	4786988.1	1.5	0	52	10.1	2000	60.2	0.0	-2.9	0.0	2.8	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652569.8	4787043.3	1.5	0	55	8.4	1000	60.5	0.0	-2.9	4.4	1.1	0.0	0.0	0.0	0.0	0.0	1
L04	5-Ton Pass-by 2	17652577.3	4787031.7	1.5	0	52	11.8	500	60.2	0.0	-3.0	3.2	0.6	0.0	0.0	0.0	0.0	0.0	2
L04	5-Ton Pass-by 2	17652577.3	4787031.7	1.5	0	55	11.8	1000	60.2	0.0	-3.0	3.4	1.1	0.0	0.0	0.0	0.0	0.0	5
L04	5-Ton Pass-by 2	17652582.6	4787023.4	1.5	0	55	6.6	1000	60.0	0.0	-3.0	3.0	1.0	0.0	0.0	0.0	0.0	0.0	1
L04	5-Ton Pass-by 2	17652584.4	4787020.6	1.5	0	55	3.1	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0
L04	5-Ton Pass-by 2	17652676.5	4786971.3	1.5	0	45	12.7	250	59.6	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1
L04	5-Ton Pass-by 2	17652676.5	4786971.3	1.5	0	52	12.7	500	59.6	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	7
L04	5-Ton Pass-by 2	17652676.5	4786971.3	1.5	0	55	12.7	1000	59.6	0.0	-2.9	0.0	1.0	0.0	0.0	0.0	0.0	0.0	10
L04	5-Ton Pass-by 2	17652676.5	4786971.3	1.5	0	52	12.7	2000	59.6	0.0	-2.9	0.0	2.6	0.0	0.0	0.0	0.0	0.0	5
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	62	0.0	63	60.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	3
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	70	0.0	125	60.9	0.0	-2.0	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	7
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	72	0.0	250	60.9	0.0	-2.4	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	4
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	79	0.0	500	60.9	0.0	-2.5	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	10
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	76	0.0	1000	60.9	0.0	-2.5	0.0	1.1	0.0	0.0	0.0	-10.9	0.0	5
S39	Cooling Tower	17652315.3	4786518.2	5.5	0	75	0.0	2000	60.9	0.0	-2.5	0.0	3.0	0.0	0.0	0.0	-11.9	0.0	1
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	67	0.0	63	56.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	80	0.0	125	56.8	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	20
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	250	56.8	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	24
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	91	0.0	500	56.8	0.0	-2.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	30
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	92	0.0	1000	56.8	0.0	-2.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	31
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	90	0.0	2000	56.8	0.0	-2.7	0.0	1.9	0.0	0.0	0.0	0.0	0.0	28
S40	Dirt Loading Cycle	17652658.2	4786894.8	1.0	0	85	0.0	4000	56.8	0.0	-2.7	0.0	6.4	0.0	0.0	0.0	0.0	0.0	18
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	68	0.0	63	55.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	81	0.0	125	55.9	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0	22
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	90	0.0	250	55.9	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	0.0	0.0	30
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	500	55.9	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	37
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	97	0.0	1000	55.9	0.0	-2.7	0.0	0.6	0.0	0.0	0.0	0.0	0.0	37
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	96	0.0	2000	55.9	0.0	-2.7	0.0	1.7	0.0	0.0	0.0	0.0	0.0	35
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	92	0.0	4000	55.9	0.0	-2.7	0.0	5.7	0.0	0.0	0.0	0.0	0.0	27
S41	Gravel Loading Cycle	17652634.1	4786887.5	1.0	0	85	0.0	8000	55.9	0.0	-2.7	0.0	20.5	0.0	0.0	0.0	0.0	0.0	5
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	67	0.0	63	59.0	0.0	-3.0	4.0	0.0	0.0	0.0	0.0	-0.9	0.0	6
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	80	0.0	125	59.0	0.0	-1.4	3.9	0.1	0.0	0.0	0.0	-4.6	0.0	14
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	84	0.0	250	59.0	0.0	-2.1	5.4	0.3	0.0	0.0	0.0	-8.6	0.0	13
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	87	0.0	500	59.0	0.0	-2.3	6.3	0.5	0.0	0.0	0.0	-9.9	0.0	14
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	89	0.0	1000	59.0	0.0	-2.3	6.7	0.9	0.0	0.0	0.0	-10.9	0.0	14
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	85	0.0	2000	59.0	0.0	-2.3	6.9	2.4	0.0	0.0	0.0	-11.9	0.0	7
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	54.9	0.0	-2.8	3.0	0.1	0.0	0.0	0.0	-4.4	0.0	16

Receiver: RP10
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
RP10	RP10	17652529.30 m	4786748.23 m	17.65 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	250	54.9	0.0	-2.9	3.1	0.2	0.0	0.0	0.0	-8.4	0.0	15
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	84	0.0	500	54.9	0.0	-2.9	3.1	0.3	0.0	0.0	0.0	-9.9	0.0	19
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	83	0.0	1000	54.9	0.0	-2.9	3.3	0.6	0.0	0.0	0.0	-10.9	0.0	16
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	2000	54.9	0.0	-2.9	3.6	1.5	0.0	0.0	0.0	-11.9	0.0	10
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	67	0.0	63	59.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	9
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	80	0.0	125	59.9	0.0	-2.7	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	18
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	84	0.0	250	59.9	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	18
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	87	0.0	500	59.9	0.0	-2.8	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	19
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	89	0.0	1000	59.9	0.0	-2.8	0.0	1.0	0.0	0.0	0.0	-10.9	0.0	20
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	85	0.0	2000	59.9	0.0	-2.8	0.0	2.7	0.0	0.0	0.0	-11.9	0.0	14
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	72	0.0	250	59.1	0.0	-2.3	5.0	0.3	0.0	0.0	0.0	-8.6	0.0	2
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	84	0.0	500	59.1	0.0	-2.5	6.1	0.5	0.0	0.0	0.0	-9.9	0.0	11
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	89	0.0	1000	59.1	0.0	-2.5	6.6	0.9	0.0	0.0	0.0	-10.9	0.0	14
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	87	0.0	2000	59.1	0.0	-2.5	6.9	2.4	0.0	0.0	0.0	-11.9	0.0	9
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	55.1	0.0	-2.5	0.0	0.1	0.0	0.0	0.0	-4.4	0.0	19
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	250	55.1	0.0	-2.7	0.0	0.2	0.0	0.0	0.0	-8.4	0.0	18
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	84	0.0	500	55.1	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	-9.9	0.0	22
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	83	0.0	1000	55.1	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	-10.9	0.0	19
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	2000	55.1	0.0	-2.8	0.0	1.6	0.0	0.0	0.0	-11.9	0.0	13
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	73	0.0	4000	55.1	0.0	-2.8	0.0	5.3	0.0	0.0	0.0	-12.9	0.0	3
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	67	0.0	63	60.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	9
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	80	0.0	125	60.0	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	18
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	84	0.0	250	60.0	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	18
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	87	0.0	500	60.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	19
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	89	0.0	1000	60.0	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-10.9	0.0	20
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	85	0.0	2000	60.0	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-11.9	0.0	14
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	67	0.0	63	60.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	9
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	80	0.0	125	60.1	0.0	-2.3	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	17
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	84	0.0	250	60.1	0.0	-2.5	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	18
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	87	0.0	500	60.1	0.0	-2.6	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	19
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	89	0.0	1000	60.1	0.0	-2.6	0.0	1.0	0.0	0.0	0.0	-10.9	0.0	20
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	85	0.0	2000	60.1	0.0	-2.6	0.0	2.8	0.0	0.0	0.0	-11.9	0.0	13
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	67	0.0	63	60.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	9
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	80	0.0	125	60.1	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	18
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	84	0.0	250	60.1	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	18
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	87	0.0	500	60.1	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	19
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	89	0.0	1000	60.1	0.0	-2.9	0.0	1.0	0.0	0.0	0.0	-10.9	0.0	20
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	85	0.0	2000	60.1	0.0	-2.9	0.0	2.8	0.0	0.0	0.0	-11.9	0.0	13
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	67	0.0	63	60.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	9
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	80	0.0	125	60.2	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	18
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	84	0.0	250	60.2	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	18
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	87	0.0	500	60.2	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	19
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	89	0.0	1000	60.2	0.0	-2.9	0.0	1.1	0.0	0.0	0.0	-10.9	0.0	20

Receiver: RP10
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
RP10	RP10	17652529.30 m	4786748.23 m	17.65 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	85	0.0	2000	60.2	0.0	-2.9	0.0	2.8	0.0	0.0	0.0	-11.9	0.0	13
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	67	0.0	63	60.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	9
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	80	0.0	125	60.2	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	18
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	84	0.0	250	60.2	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	18
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	87	0.0	500	60.2	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	19
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	89	0.0	1000	60.2	0.0	-3.0	0.0	1.1	0.0	0.0	0.0	-10.9	0.0	20
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	85	0.0	2000	60.2	0.0	-3.0	0.0	2.8	0.0	0.0	0.0	-11.9	0.0	13
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	67	0.0	63	61.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	8
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	80	0.0	125	61.0	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	17
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	84	0.0	250	61.0	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	17
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	87	0.0	500	61.0	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	18
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	89	0.0	1000	61.0	0.0	-2.8	0.0	1.2	0.0	0.0	0.0	-10.9	0.0	19
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	85	0.0	2000	61.0	0.0	-2.8	0.0	3.1	0.0	0.0	0.0	-11.9	0.0	12
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	72	0.0	250	60.3	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	6
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	84	0.0	500	60.3	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	16
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	89	0.0	1000	60.3	0.0	-3.0	0.0	1.1	0.0	0.0	0.0	-10.9	0.0	20
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	87	0.0	2000	60.3	0.0	-3.0	0.0	2.8	0.0	0.0	0.0	-11.9	0.0	15
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	81	0.0	4000	60.3	0.0	-3.0	0.0	9.6	0.0	0.0	0.0	-12.9	0.0	1
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	72	0.0	250	60.6	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	6
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	84	0.0	500	60.6	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	16
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	89	0.0	1000	60.6	0.0	-2.8	0.0	1.1	0.0	0.0	0.0	-10.9	0.0	19
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	87	0.0	2000	60.6	0.0	-2.8	0.0	2.9	0.0	0.0	0.0	-11.9	0.0	15
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	81	0.0	4000	60.6	0.0	-2.8	0.0	9.9	0.0	0.0	0.0	-12.9	0.0	1
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	67	0.0	63	61.4	0.0	-3.0	3.0	0.0	0.0	0.0	0.0	-0.9	0.0	4
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	80	0.0	125	61.4	0.0	-1.6	2.6	0.1	0.0	0.0	0.0	-4.7	0.0	13
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	84	0.0	250	61.4	0.0	-2.1	2.8	0.3	0.0	0.0	0.0	-8.7	0.0	13
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	87	0.0	500	61.4	0.0	-2.2	3.0	0.6	0.0	0.0	0.0	-9.9	0.0	14
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	89	0.0	1000	61.4	0.0	-2.2	3.2	1.2	0.0	0.0	0.0	-10.9	0.0	14
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	85	0.0	2000	61.4	0.0	-2.2	3.6	3.2	0.0	0.0	0.0	-11.9	0.0	7
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	67	0.0	63	61.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	7
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	80	0.0	125	61.4	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	16
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	84	0.0	250	61.4	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	17
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	87	0.0	500	61.4	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	18
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	89	0.0	1000	61.4	0.0	-2.8	0.0	1.2	0.0	0.0	0.0	-10.9	0.0	18
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	85	0.0	2000	61.4	0.0	-2.8	0.0	3.2	0.0	0.0	0.0	-11.9	0.0	11
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	67	0.0	63	61.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	7
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	80	0.0	125	61.5	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	16
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	84	0.0	250	61.5	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	17
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	87	0.0	500	61.5	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	18
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	89	0.0	1000	61.5	0.0	-2.8	0.0	1.2	0.0	0.0	0.0	-10.9	0.0	18
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	85	0.0	2000	61.5	0.0	-2.8	0.0	3.2	0.0	0.0	0.0	-11.9	0.0	11
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	80	0.0	125	61.5	0.0	-2.7	7.5	0.1	0.0	0.0	0.0	-4.7	0.0	9
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	84	0.0	250	61.5	0.0	-2.7	7.5	0.3	0.0	0.0	0.0	-8.7	0.0	9

Receiver: RP10
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
RP10	RP10	17652529.30 m	4786748.23 m	17.65 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	87	0.0	500	61.5	0.0	-2.8	7.5	0.6	0.0	0.0	0.0	-9.9	0.0	10
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	89	0.0	1000	61.5	0.0	-2.8	7.5	1.2	0.0	0.0	0.0	-10.9	0.0	11
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	85	0.0	2000	61.5	0.0	-2.8	7.5	3.2	0.0	0.0	0.0	-11.9	0.0	4
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	80	0.0	125	61.5	0.0	-2.2	7.0	0.1	0.0	0.0	0.0	-4.7	0.0	9
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	84	0.0	250	61.5	0.0	-2.4	7.2	0.3	0.0	0.0	0.0	-8.7	0.0	9
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	87	0.0	500	61.5	0.0	-2.4	7.2	0.6	0.0	0.0	0.0	-9.9	0.0	10
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	89	0.0	1000	61.5	0.0	-2.4	7.2	1.2	0.0	0.0	0.0	-10.9	0.0	11
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	85	0.0	2000	61.5	0.0	-2.4	7.2	3.2	0.0	0.0	0.0	-11.9	0.0	4
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	80	0.0	125	61.5	0.0	-2.6	7.4	0.1	0.0	0.0	0.0	-4.7	0.0	9
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	84	0.0	250	61.5	0.0	-2.6	7.4	0.4	0.0	0.0	0.0	-8.7	0.0	9
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	87	0.0	500	61.5	0.0	-2.6	7.4	0.6	0.0	0.0	0.0	-9.9	0.0	10
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	89	0.0	1000	61.5	0.0	-2.6	7.4	1.2	0.0	0.0	0.0	-10.9	0.0	11
S20	HVAC RTU	17652511.2	4787083.5	5.5	0	85	0.0	2000	61.5	0.0	-2.6	7.4	3.2	0.0	0.0	0.0	-11.9	0.0	4
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	65	0.0	63	61.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	6
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	78	0.0	125	61.0	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	15
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	83	0.0	250	61.0	0.0	-2.8	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	16
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	500	61.0	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	18
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	1000	61.0	0.0	-2.8	0.0	1.2	0.0	0.0	0.0	-10.9	0.0	17
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	85	0.0	2000	61.0	0.0	-2.8	0.0	3.1	0.0	0.0	0.0	-11.9	0.0	12
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	67	0.0	63	61.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	7
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	80	0.0	125	61.7	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	16
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	84	0.0	250	61.7	0.0	-2.8	0.0	0.4	0.0	0.0	0.0	-8.7	0.0	16
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	87	0.0	500	61.7	0.0	-2.8	0.0	0.7	0.0	0.0	0.0	-9.9	0.0	17
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	89	0.0	1000	61.7	0.0	-2.8	0.0	1.3	0.0	0.0	0.0	-10.9	0.0	18
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	85	0.0	2000	61.7	0.0	-2.8	0.0	3.3	0.0	0.0	0.0	-11.9	0.0	11
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	72	0.0	250	61.4	0.0	-2.7	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	5
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	84	0.0	500	61.4	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	15
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	89	0.0	1000	61.4	0.0	-2.8	0.0	1.2	0.0	0.0	0.0	-10.9	0.0	18
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	87	0.0	2000	61.4	0.0	-2.8	0.0	3.2	0.0	0.0	0.0	-11.9	0.0	14
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	84	0.0	500	61.5	0.0	-2.9	7.7	0.6	0.0	0.0	0.0	-9.9	0.0	7
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	89	0.0	1000	61.5	0.0	-2.9	7.7	1.2	0.0	0.0	0.0	-10.9	0.0	11
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	87	0.0	2000	61.5	0.0	-2.9	7.7	3.2	0.0	0.0	0.0	-11.9	0.0	6
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	67	0.0	63	63.3	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.9	0.0	6
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	80	0.0	125	63.3	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-4.8	0.0	15
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	84	0.0	250	63.3	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-8.8	0.0	15
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	87	0.0	500	63.3	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-9.9	0.0	16
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	89	0.0	1000	63.3	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-10.9	0.0	16
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	85	0.0	2000	63.3	0.0	-3.0	0.0	4.0	0.0	0.0	0.0	-11.9	0.0	9
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	67	0.0	63	63.4	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.9	0.0	5
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	80	0.0	125	63.4	0.0	-2.9	0.0	0.2	0.0	0.0	0.0	-4.8	0.0	15
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	84	0.0	250	63.4	0.0	-2.9	0.0	0.4	0.0	0.0	0.0	-8.8	0.0	15
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	87	0.0	500	63.4	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-9.9	0.0	16
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	89	0.0	1000	63.4	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-10.9	0.0	16

Receiver: RP10
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
RP10	RP10	17652529.30 m	4786748.23 m	17.65 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	85	0.0	2000	63.4	0.0	-3.0	0.0	4.0	0.0	0.0	0.0	-11.9	0.0	9
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	61	0.0	63	58.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	4
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	74	0.0	125	58.8	0.0	-0.3	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	11
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	79	0.0	250	58.8	0.0	-1.0	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	13
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	83	0.0	500	58.8	0.0	-1.0	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	15
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	82	0.0	1000	58.8	0.0	-1.0	0.0	0.9	0.0	0.0	0.0	-10.9	0.0	12
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	81	0.0	2000	58.8	0.0	-1.0	0.0	2.4	0.0	0.0	0.0	-11.9	0.0	9
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	62	0.0	63	59.0	0.0	-3.0	3.4	0.0	0.0	0.0	0.0	-0.9	0.0	2
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	75	0.0	125	59.0	0.0	-2.0	3.4	0.1	0.0	0.0	0.0	-4.6	0.0	10
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	250	59.0	0.0	-2.5	4.4	0.3	0.0	0.0	0.0	-8.6	0.0	11
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	83	0.0	500	59.0	0.0	-2.6	5.5	0.5	0.0	0.0	0.0	-9.9	0.0	11
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	82	0.0	1000	59.0	0.0	-2.6	6.3	0.9	0.0	0.0	0.0	-10.9	0.0	8
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	2000	59.0	0.0	-2.6	6.7	2.4	0.0	0.0	0.0	-11.9	0.0	3
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	76	0.0	125	59.5	0.0	-2.8	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	15
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	79	0.0	250	59.5	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	14
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	84	0.0	500	59.5	0.0	-2.9	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	17
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	83	0.0	1000	59.5	0.0	-2.9	0.0	1.0	0.0	0.0	0.0	-10.9	0.0	15
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	79	0.0	2000	59.5	0.0	-2.9	0.0	2.6	0.0	0.0	0.0	-11.9	0.0	8
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	61	0.0	63	59.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	3
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	74	0.0	125	59.6	0.0	-0.4	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	10
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	79	0.0	250	59.6	0.0	-1.1	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	12
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	83	0.0	500	59.6	0.0	-1.1	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	14
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	82	0.0	1000	59.6	0.0	-1.1	0.0	1.0	0.0	0.0	0.0	-10.9	0.0	12
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	81	0.0	2000	59.6	0.0	-1.1	0.0	2.6	0.0	0.0	0.0	-11.9	0.0	8
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	76	0.0	125	60.3	0.0	-2.9	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	14
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	79	0.0	250	60.3	0.0	-2.9	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	13
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	84	0.0	500	60.3	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	16
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	83	0.0	1000	60.3	0.0	-2.9	0.0	1.1	0.0	0.0	0.0	-10.9	0.0	14
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	79	0.0	2000	60.3	0.0	-2.9	0.0	2.8	0.0	0.0	0.0	-11.9	0.0	7
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	61	0.0	63	60.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	2
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	74	0.0	125	60.7	0.0	-0.3	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	9
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	79	0.0	250	60.7	0.0	-1.1	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	11
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	83	0.0	500	60.7	0.0	-1.1	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	13
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	82	0.0	1000	60.7	0.0	-1.1	0.0	1.1	0.0	0.0	0.0	-10.9	0.0	10
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	81	0.0	2000	60.7	0.0	-1.1	0.0	3.0	0.0	0.0	0.0	-11.9	0.0	7
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	61	0.0	63	61.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	2
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	74	0.0	125	61.3	0.0	-0.3	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	8
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	79	0.0	250	61.3	0.0	-1.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	10
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	83	0.0	500	61.3	0.0	-1.1	0.0	0.6	0.0	0.0	0.0	-9.9	0.0	12
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	82	0.0	1000	61.3	0.0	-1.1	0.0	1.2	0.0	0.0	0.0	-10.9	0.0	10
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	81	0.0	2000	61.3	0.0	-1.1	0.0	3.2	0.0	0.0	0.0	-11.9	0.0	6
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	76	0.0	125	61.4	0.0	-2.7	7.5	0.1	0.0	0.0	0.0	-4.7	0.0	5
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	79	0.0	250	61.4	0.0	-2.7	7.5	0.3	0.0	0.0	0.0	-8.7	0.0	4

Receiver: RP10
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Environment to Site (External Noise Sources)
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
RP10	RP10	17652529.30 m	4786748.23 m	17.65 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	84	0.0	500	61.4	0.0	-2.7	7.5	0.6	0.0	0.0	0.0	-9.9	0.0	7
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	83	0.0	1000	61.4	0.0	-2.7	7.5	1.2	0.0	0.0	0.0	-10.9	0.0	5
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	76	0.0	125	61.7	0.0	-2.8	7.5	0.1	0.0	0.0	0.0	-4.7	0.0	5
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	79	0.0	250	61.7	0.0	-2.8	7.5	0.4	0.0	0.0	0.0	-8.7	0.0	4
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	84	0.0	500	61.7	0.0	-2.8	7.5	0.7	0.0	0.0	0.0	-9.9	0.0	7
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	83	0.0	1000	61.7	0.0	-2.8	7.5	1.2	0.0	0.0	0.0	-10.9	0.0	4
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	76	0.0	125	61.7	0.0	-2.8	7.6	0.1	0.0	0.0	0.0	-4.7	0.0	5
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	79	0.0	250	61.7	0.0	-2.8	7.6	0.4	0.0	0.0	0.0	-8.7	0.0	4
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	84	0.0	500	61.7	0.0	-2.8	7.6	0.7	0.0	0.0	0.0	-9.9	0.0	7
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	83	0.0	1000	61.7	0.0	-2.8	7.6	1.2	0.0	0.0	0.0	-10.9	0.0	4
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	76	0.0	125	61.7	0.0	-1.0	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	10
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	250	61.7	0.0	-1.9	0.0	0.4	0.0	0.0	0.0	-8.7	0.0	10
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	84	0.0	500	61.7	0.0	-2.2	0.0	0.7	0.0	0.0	0.0	-9.9	0.0	14
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	83	0.0	1000	61.7	0.0	-2.2	0.0	1.3	0.0	0.0	0.0	-10.9	0.0	11
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	2000	61.7	0.0	-2.2	0.0	3.3	0.0	0.0	0.0	-11.9	0.0	4
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	76	0.0	125	62.2	0.0	-1.6	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	11
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	250	62.2	0.0	-2.3	0.0	0.4	0.0	0.0	0.0	-8.7	0.0	10
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	84	0.0	500	62.2	0.0	-2.4	0.0	0.7	0.0	0.0	0.0	-9.9	0.0	14
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	83	0.0	1000	62.2	0.0	-2.4	0.0	1.3	0.0	0.0	0.0	-10.9	0.0	11
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	2000	62.2	0.0	-2.4	0.0	3.5	0.0	0.0	0.0	-11.9	0.0	4
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	62	0.0	63	59.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.9	0.0	5
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	70	0.0	125	59.6	0.0	-2.1	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	8
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	72	0.0	250	59.6	0.0	-2.4	0.0	0.3	0.0	0.0	0.0	-8.7	0.0	5
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	79	0.0	500	59.6	0.0	-2.5	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	12
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	76	0.0	1000	59.6	0.0	-2.5	0.0	1.0	0.0	0.0	0.0	-10.9	0.0	7
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	75	0.0	2000	59.6	0.0	-2.5	0.0	2.6	0.0	0.0	0.0	-11.9	0.0	3
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	72	0.0	63	56.0	0.0	-3.0	4.1	0.0	0.0	0.0	0.0	0.0	0.0	9
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	87	0.0	125	56.0	0.0	-2.6	4.6	0.1	0.0	0.0	0.0	0.0	0.0	22
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	91	0.0	250	56.0	0.0	-2.6	5.4	0.2	0.0	0.0	0.0	0.0	0.0	26
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	98	0.0	500	56.0	0.0	-2.6	6.1	0.3	0.0	0.0	0.0	0.0	0.0	32
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	100	0.0	1000	56.0	0.0	-2.6	6.7	0.7	0.0	0.0	0.0	0.0	0.0	33
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	99	0.0	2000	56.0	0.0	-2.6	7.2	1.7	0.0	0.0	0.0	0.0	0.0	31
S42	Large Aggregate Loading Cycle	17652654.9	4786872.8	1.0	0	94	0.0	4000	56.0	0.0	-2.6	7.6	5.8	0.0	0.0	0.0	0.0	0.0	21

Project: 1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Subject Site to Environment (Internal Noise Sources)

Project Number: 25253

Source ID	Source Name	Point of Reception RP11		Point of Reception RP13		Point of Reception RP12		Point of Reception RP14	
		Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day
S55	HVAC RTU	73	11	169	8	143	9	105	11
S54	HVAC RTU	73	11	169	8	143	9	105	11
S53	HVAC RTU	74	10	168	9	143	9	105	11
S52	HVAC RTU	74	10	168	9	143	9	106	11
S51	HVAC RTU	75	10	167	9	143	9	106	11
S50	HVAC RTU	75	10	167	9	143	9	106	11
S49	HVAC RTU	75	10	167	9	143	9	106	8
S48	HVAC RTU	76	10	166	9	143	9	106	8
S47	HVAC RTU	76	10	166	9	142	9	106	8
S46	HVAC RTU	77	10	165	9	142	9	106	8
S45	HVAC RTU	77	10	165	9	142	9	107	7
S44	HVAC RTU	77	10	164	9	142	10	107	7
Total Level [dBA]			21		20		20		21

Receiver: RP11
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Subject Site to Environment (Internal
Project: Noise Sources)
Project Number: 25253

Time Period	Total (dBA)
Day	20

Receiver Name	Receiver ID	X	Y	Z
RP11	RP11	17652598.91 m	4786814.73 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S55	HVAC RTU	17652531.4	4786792.1	18.0	0	63	0.0	125	48.3	0.0	-3.0	9.8	0.0	0.0	0.0	0.0	-5.0	0.0	3
S55	HVAC RTU	17652531.4	4786792.1	18.0	0	69	0.0	250	48.3	0.0	-3.0	11.5	0.1	0.0	0.0	0.0	-9.0	0.0	4
S55	HVAC RTU	17652531.4	4786792.1	18.0	0	75	0.0	500	48.3	0.0	-3.0	13.6	0.1	0.0	0.0	0.0	-10.6	0.0	5
S55	HVAC RTU	17652531.4	4786792.1	18.0	0	77	0.0	1000	48.3	0.0	-3.0	16.1	0.3	0.0	0.0	0.0	-11.9	0.0	4
S54	HVAC RTU	17652531.0	4786792.1	18.0	0	63	0.0	125	48.3	0.0	-3.0	9.9	0.0	0.0	0.0	0.0	-5.0	0.0	3
S54	HVAC RTU	17652531.0	4786792.1	18.0	0	69	0.0	250	48.3	0.0	-3.0	11.7	0.1	0.0	0.0	0.0	-9.0	0.0	3
S54	HVAC RTU	17652531.0	4786792.1	18.0	0	75	0.0	500	48.3	0.0	-3.0	13.8	0.1	0.0	0.0	0.0	-10.6	0.0	5
S54	HVAC RTU	17652531.0	4786792.1	18.0	0	77	0.0	1000	48.3	0.0	-3.0	16.3	0.3	0.0	0.0	0.0	-11.9	0.0	3
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	63	0.0	125	48.4	0.0	-3.0	10.0	0.0	0.0	0.0	0.0	-5.0	0.0	3
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	69	0.0	250	48.4	0.0	-3.0	11.8	0.1	0.0	0.0	0.0	-9.0	0.0	3
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	75	0.0	500	48.4	0.0	-3.0	14.1	0.1	0.0	0.0	0.0	-10.6	0.0	5
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	77	0.0	1000	48.4	0.0	-3.0	16.6	0.3	0.0	0.0	0.0	-11.9	0.0	3
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	63	0.0	125	48.4	0.0	-3.0	10.1	0.0	0.0	0.0	0.0	-5.0	0.0	2
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	69	0.0	250	48.4	0.0	-3.0	12.0	0.1	0.0	0.0	0.0	-9.0	0.0	3
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	75	0.0	500	48.4	0.0	-3.0	14.3	0.1	0.0	0.0	0.0	-10.6	0.0	4
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	77	0.0	1000	48.4	0.0	-3.0	16.9	0.3	0.0	0.0	0.0	-11.9	0.0	3
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	63	0.0	125	48.5	0.0	-3.0	10.2	0.0	0.0	0.0	0.0	-5.0	0.0	2
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	69	0.0	250	48.5	0.0	-3.0	12.1	0.1	0.0	0.0	0.0	-9.0	0.0	3
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	75	0.0	500	48.5	0.0	-3.0	14.3	0.1	0.0	0.0	0.0	-10.6	0.0	4
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	77	0.0	1000	48.5	0.0	-3.0	16.9	0.3	0.0	0.0	0.0	-11.8	0.0	3
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	63	0.0	125	48.5	0.0	-3.0	10.2	0.0	0.0	0.0	0.0	-5.0	0.0	2
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	69	0.0	250	48.5	0.0	-3.0	12.1	0.1	0.0	0.0	0.0	-9.0	0.0	3
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	75	0.0	500	48.5	0.0	-3.0	14.4	0.1	0.0	0.0	0.0	-10.6	0.0	4
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	77	0.0	1000	48.5	0.0	-3.0	16.9	0.3	0.0	0.0	0.0	-11.8	0.0	3
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	63	0.0	125	48.5	0.0	-3.0	10.2	0.0	0.0	0.0	0.0	-5.0	0.0	2
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	69	0.0	250	48.5	0.0	-3.0	12.1	0.1	0.0	0.0	0.0	-9.0	0.0	3
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	75	0.0	500	48.5	0.0	-3.0	14.4	0.1	0.0	0.0	0.0	-10.6	0.0	4
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	77	0.0	1000	48.5	0.0	-3.0	16.9	0.3	0.0	0.0	0.0	-11.8	0.0	2
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	63	0.0	125	48.6	0.0	-3.0	10.2	0.0	0.0	0.0	0.0	-5.0	0.0	2
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	69	0.0	250	48.6	0.0	-3.0	12.1	0.1	0.0	0.0	0.0	-9.0	0.0	3
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	75	0.0	500	48.6	0.0	-3.0	14.4	0.1	0.0	0.0	0.0	-10.6	0.0	4
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	77	0.0	1000	48.6	0.0	-3.0	17.0	0.3	0.0	0.0	0.0	-11.8	0.0	2
S47	HVAC RTU	17652528.0	4786792.1	18.0	0	63	0.0	125	48.6	0.0	-3.0	10.2	0.0	0.0	0.0	0.0	-5.0	0.0	2
S47	HVAC RTU	17652528.0	4786792.1	18.0	0	69	0.0	250	48.6	0.0	-3.0	12.2	0.1	0.0	0.0	0.0	-9.0	0.0	3
S47	HVAC RTU	17652528.0	4786792.1	18.0	0	75	0.0	500	48.6	0.0	-3.0	14.4	0.1	0.0	0.0	0.0	-10.6	0.0	4
S47	HVAC RTU	17652528.0	4786792.1	18.0	0	77	0.0	1000	48.6	0.0	-3.0	17.0	0.3	0.0	0.0	0.0	-11.8	0.0	2
S46	HVAC RTU	17652527.6	4786792.1	18.0	0	63	0.0	125	48.7	0.0	-3.0	10.2	0.0	0.0	0.0	0.0	-5.0	0.0	2
S46	HVAC RTU	17652527.6	4786792.1	18.0	0	69	0.0	250	48.7	0.0	-3.0	12.2	0.1	0.0	0.0	0.0	-9.0	0.0	3
S46	HVAC RTU	17652527.6	4786792.1	18.0	0	75	0.0	500	48.7	0.0	-3.0	14.5	0.1	0.0	0.0	0.0	-10.6	0.0	4
S46	HVAC RTU	17652527.6	4786792.1	18.0	0	77	0.0	1000	48.7	0.0	-3.0	17.0	0.3	0.0	0.0	0.0	-11.8	0.0	2
S45	HVAC RTU	17652527.1	4786792.1	18.0	0	63	0.0	125	48.7	0.0	-3.0	10.3	0.0	0.0	0.0	0.0	-5.0	0.0	2
S45	HVAC RTU	17652527.1	4786792.1	18.0	0	69	0.0	250	48.7	0.0	-3.0	12.2	0.1	0.0	0.0	0.0	-9.0	0.0	2
S45	HVAC RTU	17652527.1	4786792.1	18.0	0	75	0.0	500	48.7	0.0	-3.0	14.5	0.1	0.0	0.0	0.0	-10.6	0.0	4

Receiver: RP11
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Subject Site to Environment (Internal
Project: Noise Sources)
Project Number: 25253

Time Period	Total (dBA)
Day	20

Receiver Name	Receiver ID	X	Y	Z
RP11	RP11	17652598.91 m	4786814.73 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S45	HVAC RTU	17652527.1	4786792.1	18.0	0	77	0.0	1000	48.7	0.0	-3.0	17.1	0.3	0.0	0.0	0.0	-11.8	0.0	2
S44	HVAC RTU	17652526.7	4786792.1	18.0	0	63	0.0	125	48.8	0.0	-3.0	10.3	0.0	0.0	0.0	0.0	-5.0	0.0	2
S44	HVAC RTU	17652526.7	4786792.1	18.0	0	69	0.0	250	48.8	0.0	-3.0	12.2	0.1	0.0	0.0	0.0	-9.0	0.0	2
S44	HVAC RTU	17652526.7	4786792.1	18.0	0	75	0.0	500	48.8	0.0	-3.0	14.5	0.1	0.0	0.0	0.0	-10.6	0.0	4
S44	HVAC RTU	17652526.7	4786792.1	18.0	0	77	0.0	1000	48.8	0.0	-3.0	17.1	0.3	0.0	0.0	0.0	-11.8	0.0	2

Receiver: RP12
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Subject Site to Environment (Internal
Project: Noise Sources)
Project Number: 25253

Time Period	Total (dBA)
Day	19

Receiver Name	Receiver ID	X	Y	Z
RP12	RP12	17652489.70 m	4786928.33 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S44	HVAC RTU	17652526.7	4786792.1	18.0	0	69	0.0	250	54.1	0.0	-3.0	8.1	0.1	0.0	0.0	0.0	-9.0	0.0	1
S44	HVAC RTU	17652526.7	4786792.1	18.0	0	75	0.0	500	54.1	0.0	-3.0	9.0	0.3	0.0	0.0	0.0	-10.3	0.0	4
S44	HVAC RTU	17652526.7	4786792.1	18.0	0	77	0.0	1000	54.1	0.0	-3.0	10.2	0.5	0.0	0.0	0.0	-11.4	0.0	4
S45	HVAC RTU	17652527.1	4786792.1	18.0	0	69	0.0	250	54.1	0.0	-3.0	8.1	0.1	0.0	0.0	0.0	-9.0	0.0	1
S45	HVAC RTU	17652527.1	4786792.1	18.0	0	75	0.0	500	54.1	0.0	-3.0	9.0	0.3	0.0	0.0	0.0	-10.3	0.0	4
S45	HVAC RTU	17652527.1	4786792.1	18.0	0	77	0.0	1000	54.1	0.0	-3.0	10.2	0.5	0.0	0.0	0.0	-11.4	0.0	4
S46	HVAC RTU	17652527.6	4786792.1	18.0	0	69	0.0	250	54.1	0.0	-3.0	8.2	0.1	0.0	0.0	0.0	-9.0	0.0	1
S46	HVAC RTU	17652527.6	4786792.1	18.0	0	75	0.0	500	54.1	0.0	-3.0	9.0	0.3	0.0	0.0	0.0	-10.3	0.0	4
S46	HVAC RTU	17652527.6	4786792.1	18.0	0	77	0.0	1000	54.1	0.0	-3.0	10.2	0.5	0.0	0.0	0.0	-11.4	0.0	4
S47	HVAC RTU	17652528.0	4786792.1	18.0	0	69	0.0	250	54.1	0.0	-3.0	8.6	0.1	0.0	0.0	0.0	-9.0	0.0	1
S47	HVAC RTU	17652528.0	4786792.1	18.0	0	75	0.0	500	54.1	0.0	-3.0	9.2	0.3	0.0	0.0	0.0	-10.3	0.0	4
S47	HVAC RTU	17652528.0	4786792.1	18.0	0	77	0.0	1000	54.1	0.0	-3.0	10.3	0.5	0.0	0.0	0.0	-11.4	0.0	4
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	69	0.0	250	54.1	0.0	-3.0	8.6	0.1	0.0	0.0	0.0	-9.0	0.0	1
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	75	0.0	500	54.1	0.0	-3.0	9.2	0.3	0.0	0.0	0.0	-10.3	0.0	4
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	77	0.0	1000	54.1	0.0	-3.0	10.3	0.5	0.0	0.0	0.0	-11.4	0.0	4
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	69	0.0	250	54.1	0.0	-3.0	8.6	0.1	0.0	0.0	0.0	-9.0	0.0	1
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	75	0.0	500	54.1	0.0	-3.0	9.3	0.3	0.0	0.0	0.0	-10.3	0.0	4
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	77	0.0	1000	54.1	0.0	-3.0	10.4	0.5	0.0	0.0	0.0	-11.4	0.0	4
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	69	0.0	250	54.1	0.0	-3.0	8.6	0.1	0.0	0.0	0.0	-9.0	0.0	1
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	75	0.0	500	54.1	0.0	-3.0	9.2	0.3	0.0	0.0	0.0	-10.3	0.0	4
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	77	0.0	1000	54.1	0.0	-3.0	10.3	0.5	0.0	0.0	0.0	-11.4	0.0	4
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	69	0.0	250	54.1	0.0	-3.0	8.6	0.1	0.0	0.0	0.0	-9.0	0.0	1
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	75	0.0	500	54.1	0.0	-3.0	9.2	0.3	0.0	0.0	0.0	-10.3	0.0	4
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	77	0.0	1000	54.1	0.0	-3.0	10.3	0.5	0.0	0.0	0.0	-11.4	0.0	4
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	69	0.0	250	54.1	0.0	-3.0	8.6	0.1	0.0	0.0	0.0	-9.0	0.0	1
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	75	0.0	500	54.1	0.0	-3.0	9.2	0.3	0.0	0.0	0.0	-10.3	0.0	4
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	77	0.0	1000	54.1	0.0	-3.0	10.3	0.5	0.0	0.0	0.0	-11.4	0.0	4
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	69	0.0	250	54.1	0.0	-3.0	8.1	0.1	0.0	0.0	0.0	-9.0	0.0	1
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	75	0.0	500	54.1	0.0	-3.0	9.0	0.3	0.0	0.0	0.0	-10.3	0.0	4
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	77	0.0	1000	54.1	0.0	-3.0	10.2	0.5	0.0	0.0	0.0	-11.4	0.0	4
S54	HVAC RTU	17652531.0	4786792.1	18.0	0	69	0.0	250	54.1	0.0	-3.0	8.2	0.1	0.0	0.0	0.0	-9.0	0.0	1
S54	HVAC RTU	17652531.0	4786792.1	18.0	0	75	0.0	500	54.1	0.0	-3.0	9.1	0.3	0.0	0.0	0.0	-10.3	0.0	4
S54	HVAC RTU	17652531.0	4786792.1	18.0	0	77	0.0	1000	54.1	0.0	-3.0	10.2	0.5	0.0	0.0	0.0	-11.4	0.0	4
S55	HVAC RTU	17652531.4	4786792.1	18.0	0	69	0.0	250	54.1	0.0	-3.0	8.2	0.1	0.0	0.0	0.0	-9.0	0.0	1
S55	HVAC RTU	17652531.4	4786792.1	18.0	0	75	0.0	500	54.1	0.0	-3.0	9.1	0.3	0.0	0.0	0.0	-10.3	0.0	4
S55	HVAC RTU	17652531.4	4786792.1	18.0	0	77	0.0	1000	54.1	0.0	-3.0	10.2	0.5	0.0	0.0	0.0	-11.4	0.0	4

Receiver: RP13
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Subject Site to Environment (Internal
Project: Noise Sources)
Project Number: 25253

Time Period	Total (dBA)
Day	18

Receiver Name	Receiver ID	X	Y	Z
RP13	RP13	17652364.99 m	4786816.63 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S44	HVAC RTU	17652526.7	4786792.1	18.0	0	75	0.0	500	55.3	0.0	-3.0	8.7	0.3	0.0	0.0	0.0	-10.3	0.0	3
S44	HVAC RTU	17652526.7	4786792.1	18.0	0	77	0.0	1000	55.3	0.0	-3.0	9.8	0.6	0.0	0.0	0.0	-11.4	0.0	3
S45	HVAC RTU	17652527.1	4786792.1	18.0	0	69	0.0	250	55.3	0.0	-3.0	7.9	0.2	0.0	0.0	0.0	-9.0	0.0	0
S45	HVAC RTU	17652527.1	4786792.1	18.0	0	75	0.0	500	55.3	0.0	-3.0	8.6	0.3	0.0	0.0	0.0	-10.3	0.0	3
S45	HVAC RTU	17652527.1	4786792.1	18.0	0	77	0.0	1000	55.3	0.0	-3.0	9.6	0.6	0.0	0.0	0.0	-11.4	0.0	3
S46	HVAC RTU	17652527.6	4786792.1	18.0	0	69	0.0	250	55.4	0.0	-3.0	7.9	0.2	0.0	0.0	0.0	-9.0	0.0	0
S46	HVAC RTU	17652527.6	4786792.1	18.0	0	75	0.0	500	55.4	0.0	-3.0	8.5	0.3	0.0	0.0	0.0	-10.3	0.0	3
S46	HVAC RTU	17652527.6	4786792.1	18.0	0	77	0.0	1000	55.4	0.0	-3.0	9.5	0.6	0.0	0.0	0.0	-11.4	0.0	3
S47	HVAC RTU	17652528.0	4786792.1	18.0	0	69	0.0	250	55.4	0.0	-3.0	7.9	0.2	0.0	0.0	0.0	-9.0	0.0	0
S47	HVAC RTU	17652528.0	4786792.1	18.0	0	75	0.0	500	55.4	0.0	-3.0	8.5	0.3	0.0	0.0	0.0	-10.3	0.0	3
S47	HVAC RTU	17652528.0	4786792.1	18.0	0	77	0.0	1000	55.4	0.0	-3.0	9.4	0.6	0.0	0.0	0.0	-11.4	0.0	3
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	69	0.0	250	55.4	0.0	-3.0	7.9	0.2	0.0	0.0	0.0	-9.0	0.0	0
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	75	0.0	500	55.4	0.0	-3.0	8.5	0.3	0.0	0.0	0.0	-10.3	0.0	3
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	77	0.0	1000	55.4	0.0	-3.0	9.4	0.6	0.0	0.0	0.0	-11.4	0.0	3
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	69	0.0	250	55.4	0.0	-3.0	7.6	0.2	0.0	0.0	0.0	-9.0	0.0	0
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	75	0.0	500	55.4	0.0	-3.0	8.4	0.3	0.0	0.0	0.0	-10.3	0.0	3
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	77	0.0	1000	55.4	0.0	-3.0	9.3	0.6	0.0	0.0	0.0	-11.4	0.0	3
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	69	0.0	250	55.5	0.0	-3.0	7.7	0.2	0.0	0.0	0.0	-9.0	0.0	0
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	75	0.0	500	55.5	0.0	-3.0	8.4	0.3	0.0	0.0	0.0	-10.3	0.0	3
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	77	0.0	1000	55.5	0.0	-3.0	9.4	0.6	0.0	0.0	0.0	-11.4	0.0	3
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	69	0.0	250	55.5	0.0	-3.0	7.7	0.2	0.0	0.0	0.0	-9.0	0.0	0
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	75	0.0	500	55.5	0.0	-3.0	8.4	0.3	0.0	0.0	0.0	-10.3	0.0	3
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	77	0.0	1000	55.5	0.0	-3.0	9.4	0.6	0.0	0.0	0.0	-11.4	0.0	3
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	69	0.0	250	55.5	0.0	-3.0	7.7	0.2	0.0	0.0	0.0	-9.0	0.0	0
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	75	0.0	500	55.5	0.0	-3.0	8.5	0.3	0.0	0.0	0.0	-10.3	0.0	3
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	77	0.0	1000	55.5	0.0	-3.0	9.4	0.6	0.0	0.0	0.0	-11.4	0.0	3
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	69	0.0	250	55.5	0.0	-3.0	7.7	0.2	0.0	0.0	0.0	-9.0	0.0	0
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	75	0.0	500	55.5	0.0	-3.0	8.5	0.3	0.0	0.0	0.0	-10.3	0.0	3
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	77	0.0	1000	55.5	0.0	-3.0	9.4	0.6	0.0	0.0	0.0	-11.4	0.0	3
S54	HVAC RTU	17652531.0	4786792.1	18.0	0	75	0.0	500	55.5	0.0	-3.0	8.7	0.3	0.0	0.0	0.0	-10.3	0.0	3
S54	HVAC RTU	17652531.0	4786792.1	18.0	0	77	0.0	1000	55.5	0.0	-3.0	9.6	0.6	0.0	0.0	0.0	-11.4	0.0	3
S55	HVAC RTU	17652531.4	4786792.1	18.0	0	75	0.0	500	55.6	0.0	-3.0	8.7	0.3	0.0	0.0	0.0	-10.3	0.0	3
S55	HVAC RTU	17652531.4	4786792.1	18.0	0	77	0.0	1000	55.6	0.0	-3.0	9.6	0.6	0.0	0.0	0.0	-11.4	0.0	3

Receiver: RP14
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Subject Site to Environment (Internal
Project: Noise Sources)
Project Number: 25253

Time Period	Total (dBA)
Day	19

Receiver Name	Receiver ID	X	Y	Z
RP14	RP14	17652563.37 m	4786693.26 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S55	HVAC RTU	17652531.4	4786792.1	18.0	0	63	0.0	125	51.4	0.0	-3.0	7.6	0.0	0.0	0.0	0.0	-5.0	0.0	2
S55	HVAC RTU	17652531.4	4786792.1	18.0	0	69	0.0	250	51.4	0.0	-3.0	8.4	0.1	0.0	0.0	0.0	-9.0	0.0	4
S55	HVAC RTU	17652531.4	4786792.1	18.0	0	75	0.0	500	51.4	0.0	-3.0	9.4	0.2	0.0	0.0	0.0	-10.4	0.0	6
S55	HVAC RTU	17652531.4	4786792.1	18.0	0	77	0.0	1000	51.4	0.0	-3.0	10.8	0.4	0.0	0.0	0.0	-11.6	0.0	6
S54	HVAC RTU	17652531.0	4786792.1	18.0	0	63	0.0	125	51.4	0.0	-3.0	7.7	0.0	0.0	0.0	0.0	-5.0	0.0	2
S54	HVAC RTU	17652531.0	4786792.1	18.0	0	69	0.0	250	51.4	0.0	-3.0	8.4	0.1	0.0	0.0	0.0	-9.0	0.0	3
S54	HVAC RTU	17652531.0	4786792.1	18.0	0	75	0.0	500	51.4	0.0	-3.0	9.4	0.2	0.0	0.0	0.0	-10.4	0.0	6
S54	HVAC RTU	17652531.0	4786792.1	18.0	0	77	0.0	1000	51.4	0.0	-3.0	10.8	0.4	0.0	0.0	0.0	-11.6	0.0	6
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	63	0.0	125	51.5	0.0	-3.0	7.8	0.0	0.0	0.0	0.0	-5.0	0.0	2
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	69	0.0	250	51.5	0.0	-3.0	8.6	0.1	0.0	0.0	0.0	-9.0	0.0	3
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	75	0.0	500	51.5	0.0	-3.0	9.7	0.2	0.0	0.0	0.0	-10.4	0.0	6
S53	HVAC RTU	17652530.6	4786792.1	18.0	0	77	0.0	1000	51.5	0.0	-3.0	11.1	0.4	0.0	0.0	0.0	-11.6	0.0	5
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	63	0.0	125	51.5	0.0	-3.0	7.8	0.0	0.0	0.0	0.0	-5.0	0.0	2
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	69	0.0	250	51.5	0.0	-3.0	8.7	0.1	0.0	0.0	0.0	-9.0	0.0	3
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	75	0.0	500	51.5	0.0	-3.0	9.8	0.2	0.0	0.0	0.0	-10.4	0.0	6
S52	HVAC RTU	17652530.2	4786792.1	18.0	0	77	0.0	1000	51.5	0.0	-3.0	11.3	0.4	0.0	0.0	0.0	-11.6	0.0	5
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	63	0.0	125	51.5	0.0	-3.0	7.9	0.0	0.0	0.0	0.0	-5.0	0.0	2
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	69	0.0	250	51.5	0.0	-3.0	8.7	0.1	0.0	0.0	0.0	-9.0	0.0	3
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	75	0.0	500	51.5	0.0	-3.0	9.8	0.2	0.0	0.0	0.0	-10.4	0.0	6
S51	HVAC RTU	17652529.7	4786792.1	18.0	0	77	0.0	1000	51.5	0.0	-3.0	11.3	0.4	0.0	0.0	0.0	-11.6	0.0	5
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	63	0.0	125	51.5	0.0	-3.0	7.9	0.0	0.0	0.0	0.0	-5.0	0.0	2
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	69	0.0	250	51.5	0.0	-3.0	8.7	0.1	0.0	0.0	0.0	-9.0	0.0	3
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	75	0.0	500	51.5	0.0	-3.0	9.8	0.2	0.0	0.0	0.0	-10.4	0.0	6
S50	HVAC RTU	17652529.3	4786792.1	18.0	0	77	0.0	1000	51.5	0.0	-3.0	11.4	0.4	0.0	0.0	0.0	-11.6	0.0	5
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	63	0.0	125	51.5	0.0	-3.0	8.8	0.0	0.0	0.0	0.0	-5.0	0.0	1
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	69	0.0	250	51.5	0.0	-3.0	10.9	0.1	0.0	0.0	0.0	-9.0	0.0	1
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	75	0.0	500	51.5	0.0	-3.0	13.4	0.2	0.0	0.0	0.0	-10.4	0.0	2
S49	HVAC RTU	17652528.9	4786792.1	18.0	0	77	0.0	1000	51.5	0.0	-3.0	16.1	0.4	0.0	0.0	0.0	-11.6	0.0	0
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	63	0.0	125	51.5	0.0	-3.0	9.0	0.0	0.0	0.0	0.0	-5.0	0.0	0
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	69	0.0	250	51.5	0.0	-3.0	11.2	0.1	0.0	0.0	0.0	-9.0	0.0	1
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	75	0.0	500	51.5	0.0	-3.0	13.7	0.2	0.0	0.0	0.0	-10.4	0.0	2
S48	HVAC RTU	17652528.4	4786792.1	18.0	0	77	0.0	1000	51.5	0.0	-3.0	16.4	0.4	0.0	0.0	0.0	-11.6	0.0	0
S47	HVAC RTU	17652528.0	4786792.1	18.0	0	63	0.0	125	51.5	0.0	-3.0	9.1	0.0	0.0	0.0	0.0	-5.0	0.0	0
S47	HVAC RTU	17652528.0	4786792.1	18.0	0	69	0.0	250	51.5	0.0	-3.0	11.4	0.1	0.0	0.0	0.0	-9.0	0.0	0
S47	HVAC RTU	17652528.0	4786792.1	18.0	0	75	0.0	500	51.5	0.0	-3.0	14.0	0.2	0.0	0.0	0.0	-10.4	0.0	2
S46	HVAC RTU	17652527.6	4786792.1	18.0	0	63	0.0	125	51.5	0.0	-3.0	9.3	0.0	0.0	0.0	0.0	-5.0	0.0	0
S46	HVAC RTU	17652527.6	4786792.1	18.0	0	69	0.0	250	51.5	0.0	-3.0	11.7	0.1	0.0	0.0	0.0	-9.0	0.0	0
S46	HVAC RTU	17652527.6	4786792.1	18.0	0	75	0.0	500	51.5	0.0	-3.0	14.3	0.2	0.0	0.0	0.0	-10.4	0.0	1
S45	HVAC RTU	17652527.1	4786792.1	18.0	0	75	0.0	500	51.6	0.0	-3.0	14.6	0.2	0.0	0.0	0.0	-10.4	0.0	1
S44	HVAC RTU	17652526.7	4786792.1	18.0	0	75	0.0	500	51.6	0.0	-3.0	15.0	0.2	0.0	0.0	0.0	-10.4	0.0	1

Project: 1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Emergency Generator Testing and Maintenance

Project Number: 25253

Source ID	Source Name	Point of Reception RP11		Point of Reception RP13		Point of Reception RP12		Point of Reception RP14	
		Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day
S56	Emergency Generator	77	37	167	38	145	39	104	38
Total Level [dBA]			37		38		39		38

Receiver: RP11
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Emergency Generator Testing and Maintenance
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	37

Receiver Name	Receiver ID	X	Y	Z
RP11	RP11	17652598.91 m	4786814.73 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	55	0.0	32	48.7	0.0	-3.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	1
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	74	0.0	63	48.7	0.0	-3.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	21
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	81	0.0	125	48.7	0.0	-3.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	28
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	76	0.0	250	48.7	0.0	-3.0	7.8	0.1	0.0	0.0	0.0	0.0	0.0	23
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	89	0.0	500	48.7	0.0	-3.0	7.8	0.1	0.0	0.0	0.0	0.0	0.0	35
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	79	0.0	1000	48.7	0.0	-3.0	7.9	0.3	0.0	0.0	0.0	0.0	0.0	26
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	75	0.0	2000	48.7	0.0	-3.0	7.9	0.7	0.0	0.0	0.0	0.0	0.0	20
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	67	0.0	4000	48.7	0.0	-3.0	8.1	2.5	0.0	0.0	0.0	0.0	0.0	11

Receiver: RP12
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Emergency Generator Testing and Maintenance
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP12	RP12	17652489.70 m	4786928.33 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	55	0.0	32	54.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	74	0.0	63	54.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	81	0.0	125	54.2	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	30
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	76	0.0	250	54.2	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	25
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	89	0.0	500	54.2	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	37
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	79	0.0	1000	54.2	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	28
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	75	0.0	2000	54.2	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	22
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	67	0.0	4000	54.2	0.0	-3.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	11

Receiver: RP13
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Emergency Generator Testing and Maintenance
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	38

Receiver Name	Receiver ID	X	Y	Z
RP13	RP13	17652364.99 m	4786816.63 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	55	0.0	32	55.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	74	0.0	63	55.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	81	0.0	125	55.4	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	29
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	76	0.0	250	55.4	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	24
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	89	0.0	500	55.4	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	36
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	79	0.0	1000	55.4	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	26
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	75	0.0	2000	55.4	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	21
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	67	0.0	4000	55.4	0.0	-3.0	0.0	5.5	0.0	0.0	0.0	0.0	0.0	9

Receiver: RP14
1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake - Emergency Generator Testing and Maintenance
Project:
Project Number: 25253

Time Period	Total (dBA)
Day	38

Receiver Name	Receiver ID	X	Y	Z
RP14	RP14	17652563.37 m	4786693.26 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	55	0.0	32	51.4	0.0	-3.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	3
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	74	0.0	63	51.4	0.0	-3.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	23
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	81	0.0	125	51.4	0.0	-3.0	3.1	0.0	0.0	0.0	0.0	0.0	0.0	30
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	76	0.0	250	51.4	0.0	-3.0	3.2	0.1	0.0	0.0	0.0	0.0	0.0	25
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	89	0.0	500	51.4	0.0	-3.0	3.4	0.2	0.0	0.0	0.0	0.0	0.0	37
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	79	0.0	1000	51.4	0.0	-3.0	3.8	0.4	0.0	0.0	0.0	0.0	0.0	27
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	75	0.0	2000	51.4	0.0	-3.0	4.5	1.0	0.0	0.0	0.0	0.0	0.0	21
S56	Emergency Generator	17652528.7	4786790.1	19.5	0	67	0.0	4000	51.4	0.0	-3.0	5.4	3.4	0.0	0.0	0.0	0.0	0.0	10