On The Lake Developments Inc.

NOISE IMPACT STUDY

Proposed Mixed-Use Development

1544 & 1546 Four Mile Creek Road

Town of Niagara-on-the-Lake

February 2025

25253

LEA Consulting Ltd.
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February 11, 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
2025.02.11
D. E. ADARVE VILLANUEVA
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PROVINCE OF ONTARIO

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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:

- The at-grade outdoor patio area was not considered as outdoor living area receptors in this study due to shielding from the commercial/office building, the location of the outdoor patio area is not directly exposed to vehicular traffic along Four Mile Creek Road. Therefore, these OLA receptors were not considered for the proposed development.

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;
- 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.

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 7,338 m^2 and is currently occupied by two (2) single-detached dwellings. The proposed development consists of a four (4) storey residential building with a GFA of 3,640 m^2, a two (2) storey commercial/office building with a GFA of 3,698 m^2, and surface-level parking spaces, which includes 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 3rd, 2024. 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 be contained inside a mechanical

penthouse. Thus, the subject site does not include stationary noise sources that could impact the nearby noise-sensitive areas.

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. 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.

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 $L_{eq-16hr}$ and L_{eq-8hr} of 45 dBA, respectively. The indoor sound level limit due to road traffic for a bedroom during the daytime is a $L_{eq-16hr}$ of 45 dBA and during the nighttime hours is an L_{eq-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., $L_{eq-16hr}$) in outdoor living areas should not exceed 55 dBA. If the predicted $L_{eq-16hr}$ 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-1hr} (dBA)
Outdoor Points of Reception	07:00 – 19:00 (Daytime)	50
	19:00 – 23:00 (Evening)	45
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. This data was escalated to the year 2034 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	12,860	90/10[1]	0.33%	0.52%	50 km/h
Four Mile Creek Road	6,205	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 an at-grade outdoor patio area that can be considered an Outdoor Living Area (OLA) that may be negatively impacted by road traffic; however, due to shielding from the commercial/office building, the location of the outdoor patio area is not directly exposed to vehicular traffic along Four Mile Creek Road. Therefore, OLA receptors were not considered for the proposed development.

It should be noted that a balcony/terrace that is less than four (4) meters in depth is not considered an OLA in accordance with the MECP NPC-300 noise guidelines. 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	12.75[1]	Residential Building North Façade	Niagara Stone Road	280	54	48
			Four Mile Creek Road	51		
R02	12.75[1]	Residential Building West Façade North Corner	Niagara Stone Road	284	47	41
R03	12.75[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	59	-
			Four Mile Creek Road	15		
R05	7.00[2]	Office Building West Façade	Four Mile Creek Road	25	53	-
			Four Mile Creek Road (60km/h)	73		
R06	7.00[2]	Office Building South Façade	Four Mile Creek Road	14	59	-
			Four Mile Creek Road (60km/h)	68		
R07	7.00[2]	Office Building East North Corner Façade	Niagara Stone Road	304	61	-
			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	62	-
			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	12.75[1]	Residential Building West Façade South Corner	Niagara Stone Road	350	46	40

(1) Based on the residential building Level 4 elevation of 11.25 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.

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.

As stated before, in **Section 2.2**, the HVAC RTUs systems related to the proposed development will be contained inside a mechanical penthouse. Thus, the subject site does not include stationary noise sources that could impact the nearby noise-sensitive areas as well as itself. However, 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	12.75[1]
RP02	Residential Building West Façade	12.75[1]
RP03	Residential Building South Façade	12.75[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]

(1) Based on the residential building Level 4 elevation of 11.25 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.

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

4.2.1 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 were investigated.

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 that 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 8**.

Table 8: 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
S37	Cooling Tower	86	80	83	76	74	73	62	83

4.2.2 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 9.** The directivity of noise emission for applicable noise sources was considered. Sample calculations are available in **Appendix D**.

Table 9: 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)	39	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)	41	50	NO
	Nighttime (23:00-07:00)	38	45	NO
RP05	Daytime (07:00-23-00)	31	50	NO
	Nighttime (23:00-07:00)	28	45	NO
RP06	Daytime (07:00-23-00)	31	50	NO
	Nighttime (23:00-07:00)	28	45	NO
RP07	Daytime (07:00-23-00)	41	50	NO
	Nighttime (23:00-07:00)	38	45	NO

Figure 3 illustrates the predicted sound level contours at 7m in the proximity of the subject site's noise-sensitive receptors for the daytime period. Based on the figure, 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;
- The at-grade outdoor patio area was not considered as outdoor living area receptors in this study due to shielding from the commercial/office building, the location of the outdoor patio area is not directly exposed to vehicular traffic along Four Mile Creek Road. Therefore, these OLA receptors were not considered for the proposed development.
- 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;
- 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:

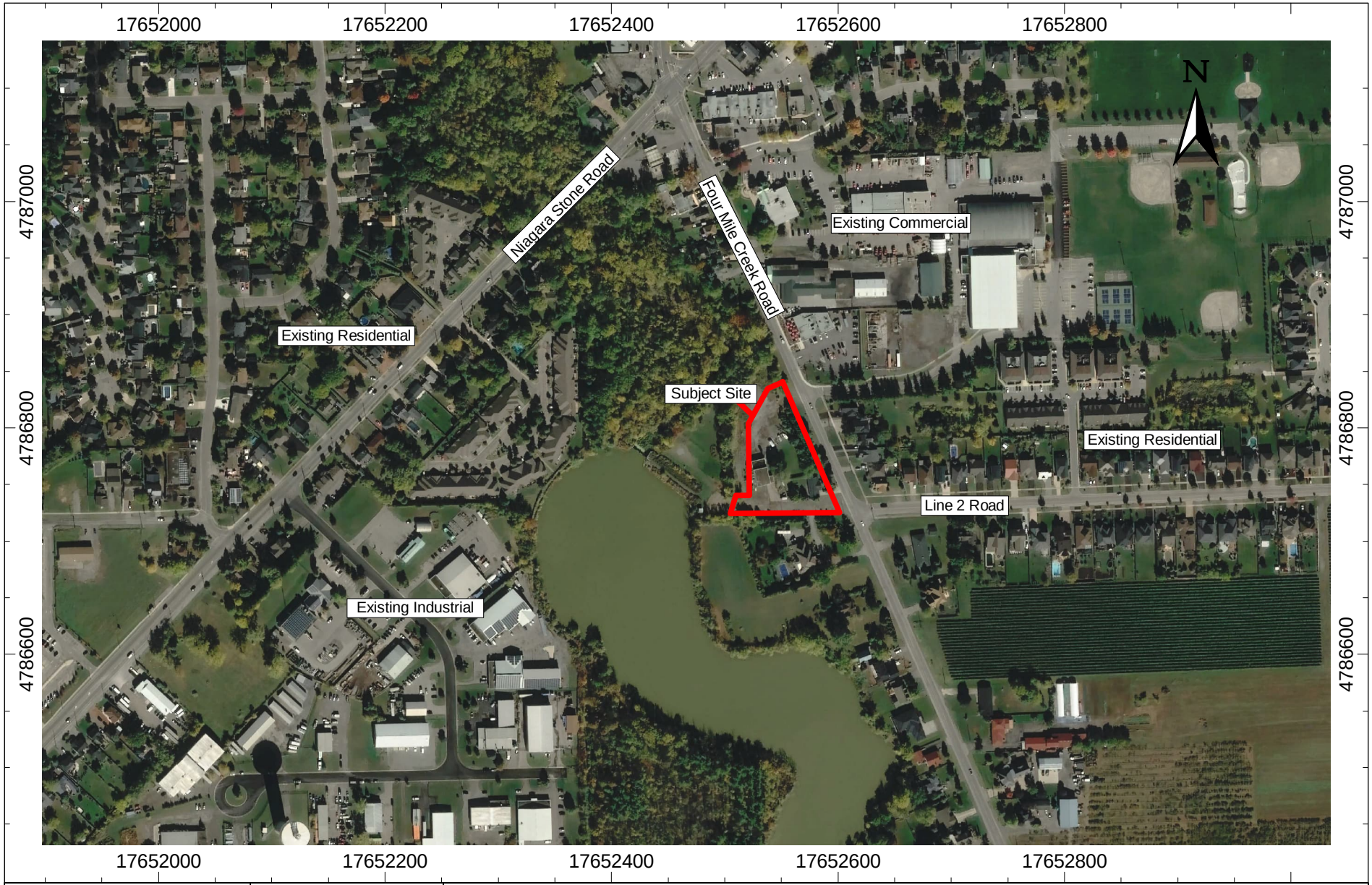
- The office units on the northerly, easterly and southerly façades of the proposed development;

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

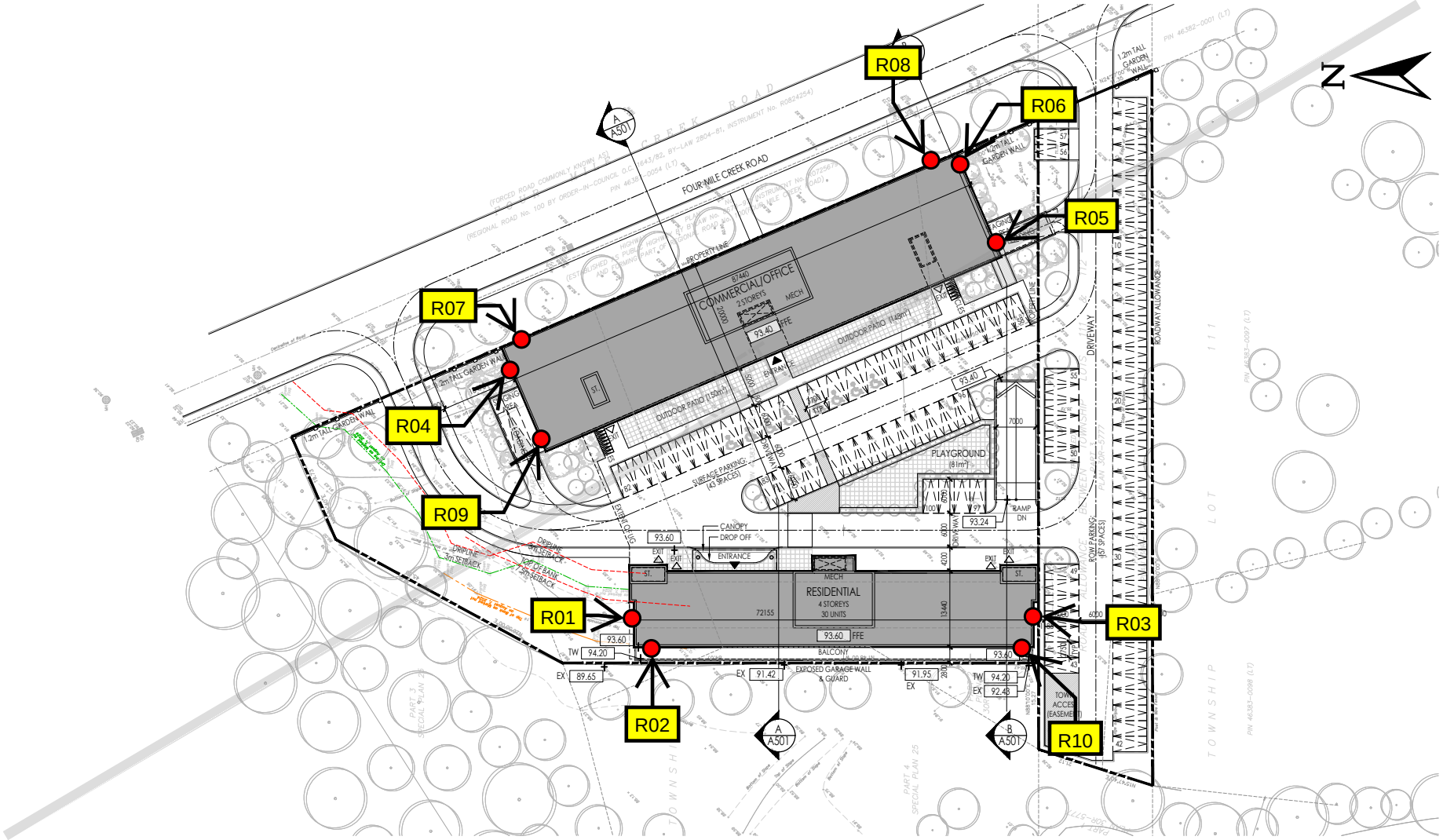
Project Name

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

Figure Title

Key Plan Showing Site Location and Area

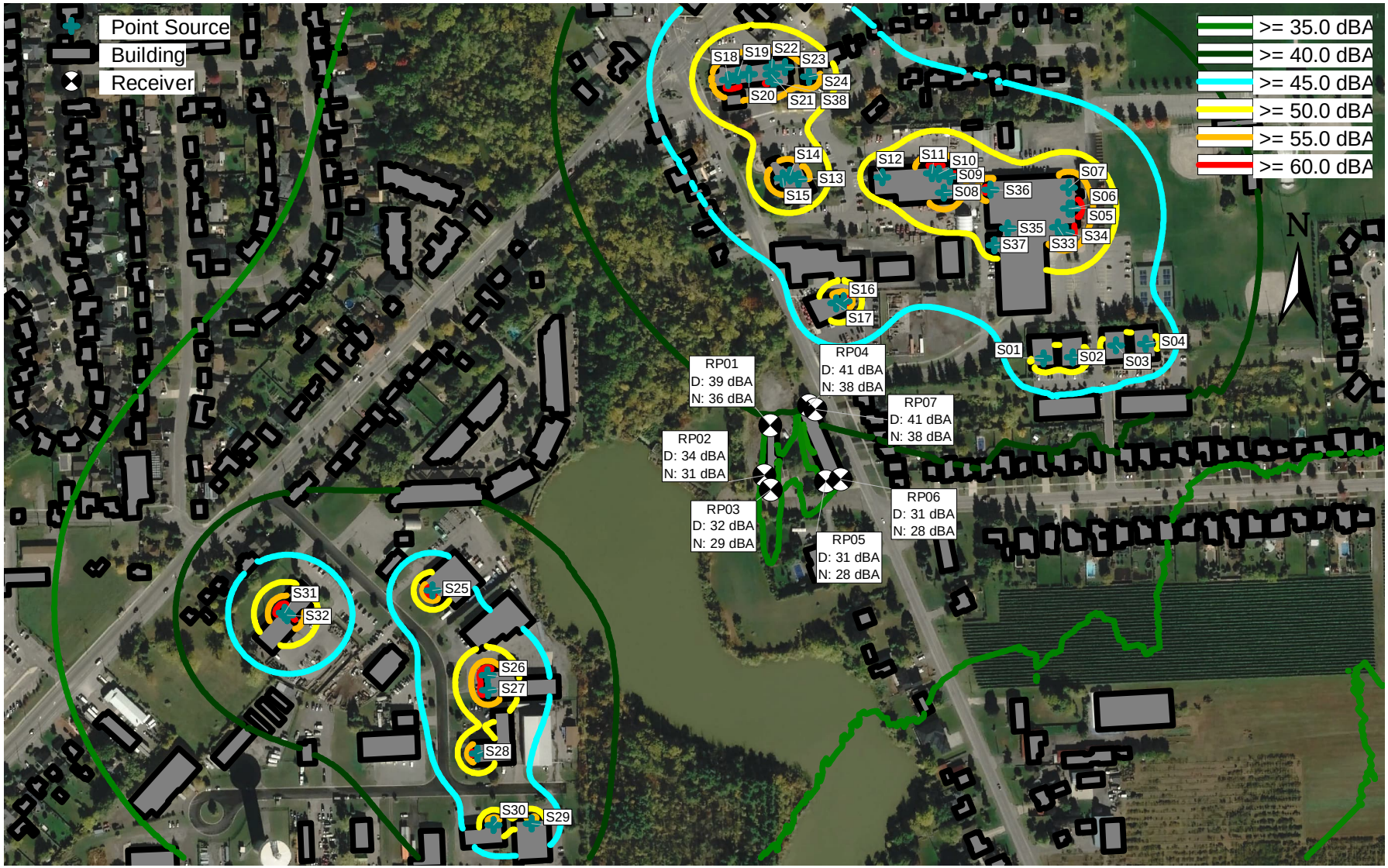
Figure 1



1544 & 1546 FOUR MILE CREEK RD
NIAGARA-ON-THE-LAKE, ONTARIO

SITE PLAN
PROJECT NO. 23.11
SCALE 1:600 DATE DECEMBER 3, 2024

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** Transportation Noise Receptor Locations - Site Plan **Figure 2**



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

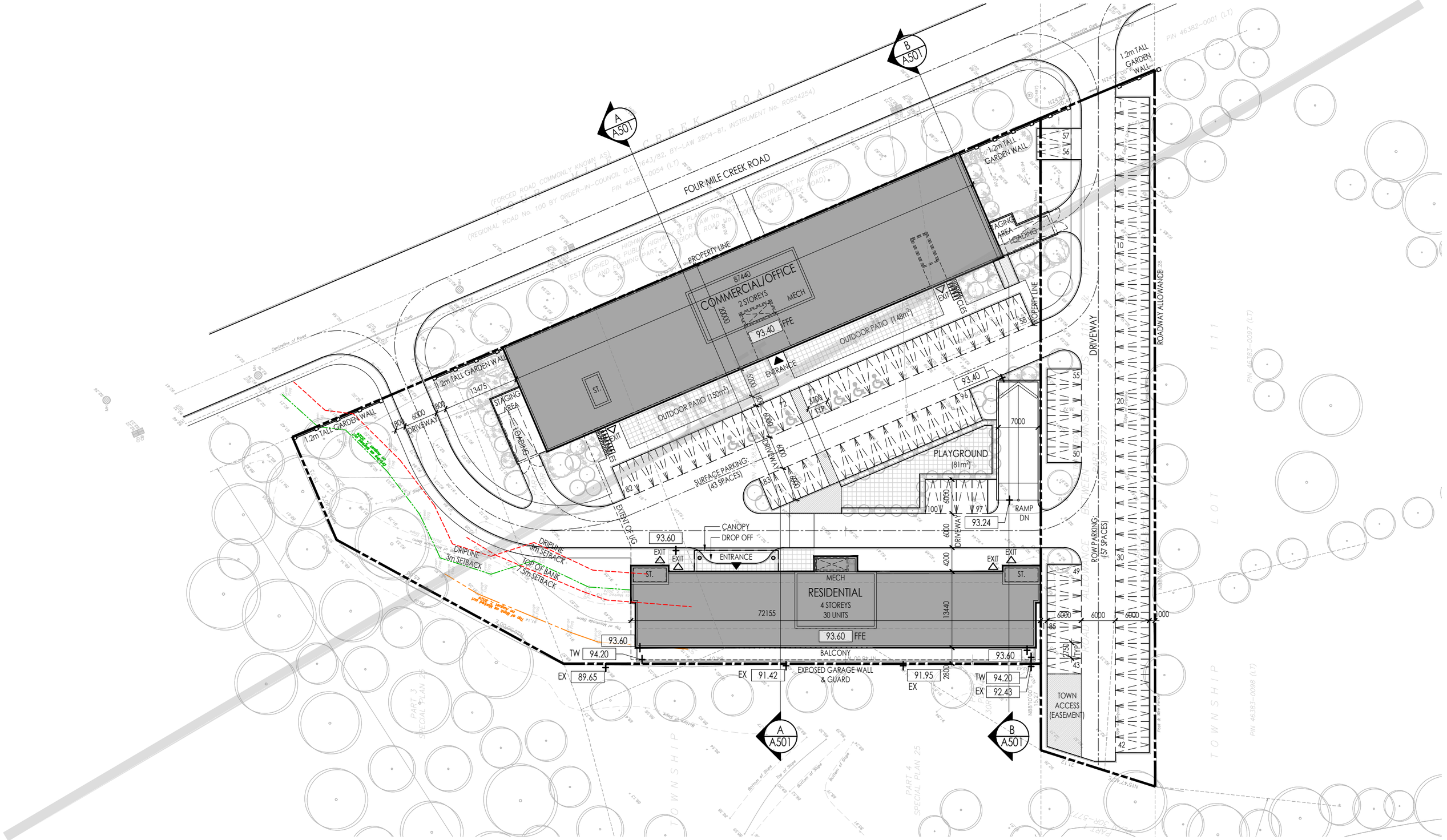
Figure Title

Receptor Locations and Unmitigated Noise Impact Contours at 7 m height, Daytime (7:00 – 19:00)

Figure 3

APPENDIX A

COPY OF THE SITE PLAN



ICKE | BROCHU
ARCHITECTS INC

1544 & 1546 FOUR MILE CREEK RD

NIGARA-ON-THE-LAKE, ONTARIO

SITE PLAN

PROJECT NO. 23.11

SCALE 1:600 DATE DECEMBER 3, 2024

APPENDIX B

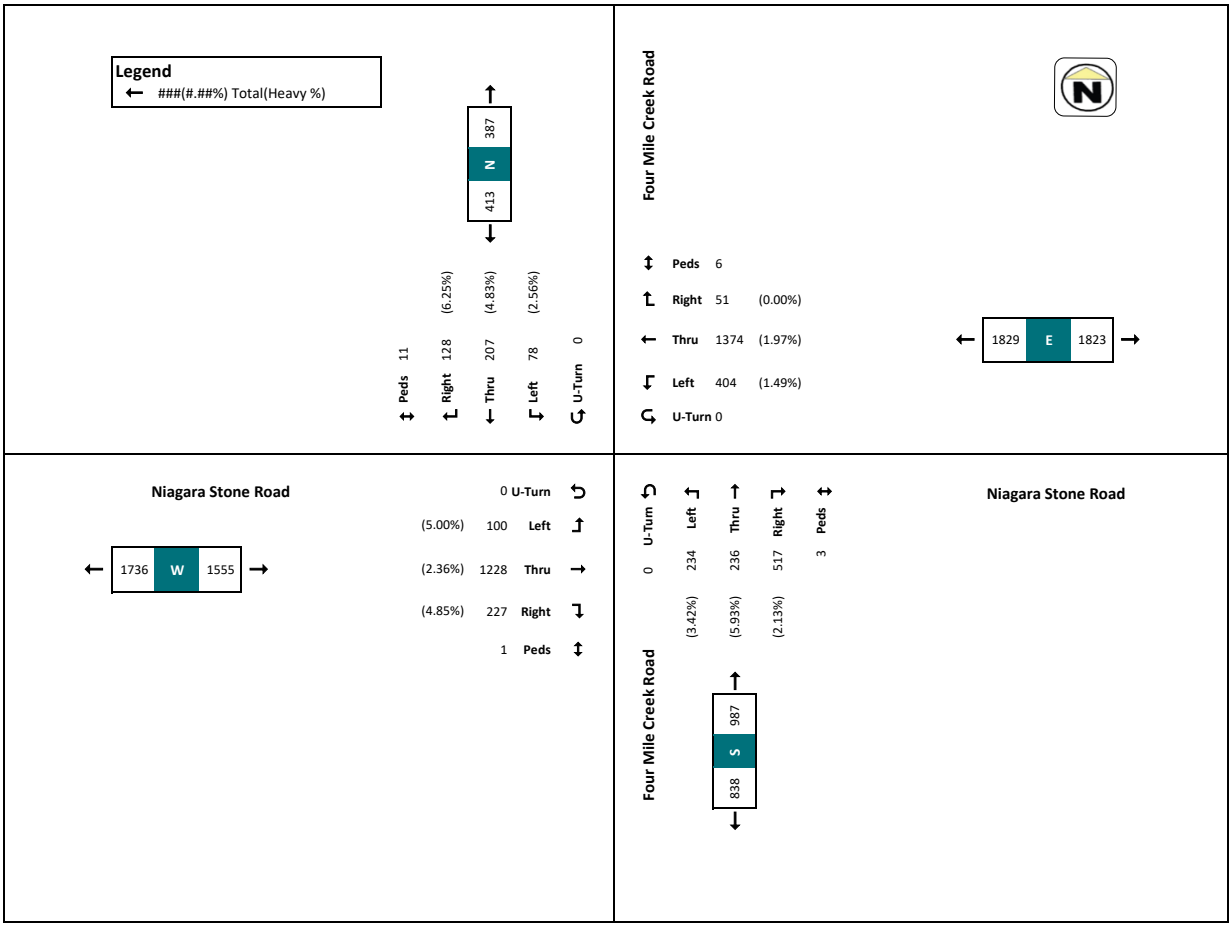
TRAFFIC DATA

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

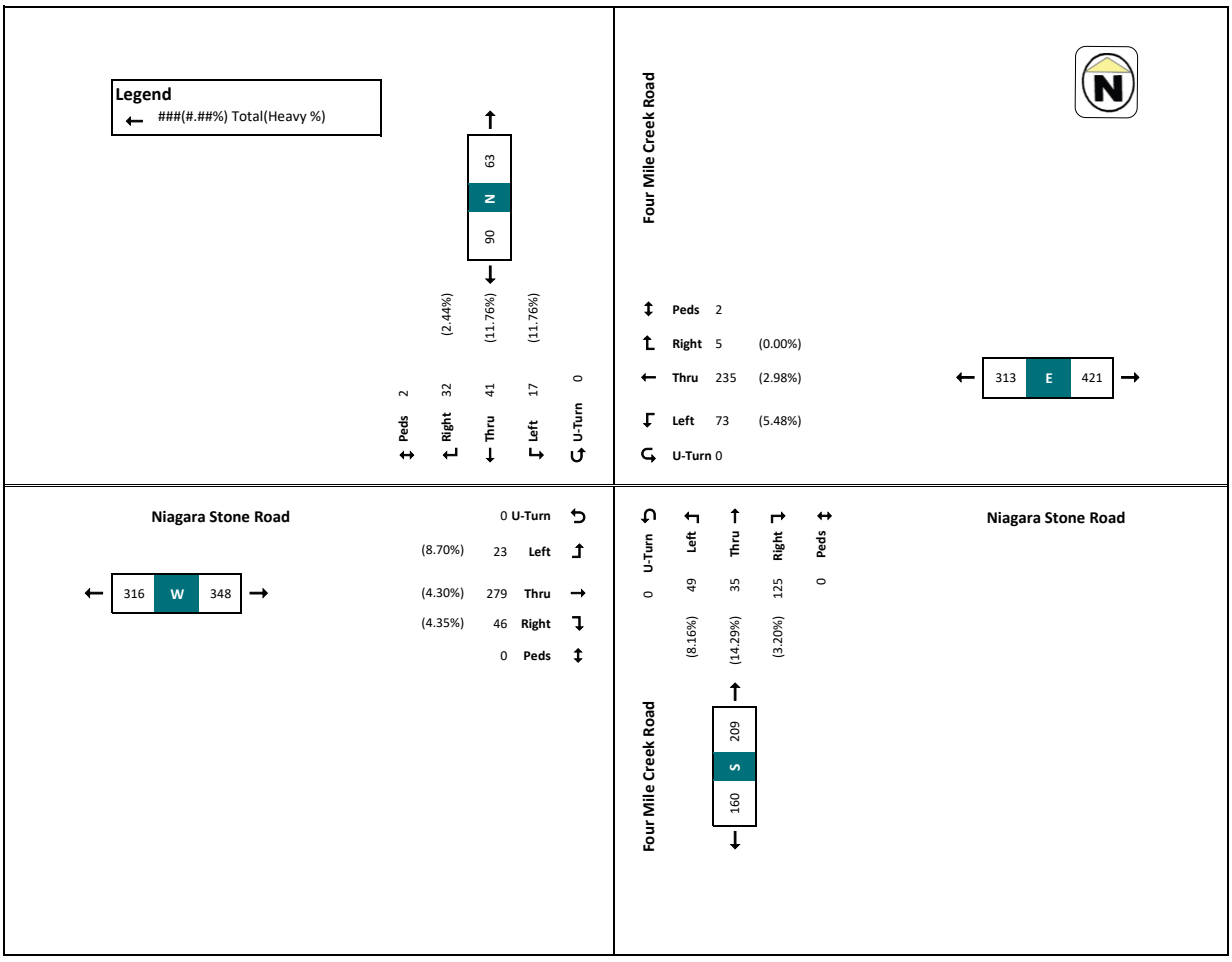


LEA Consulting Ltd.
625 Cochrane Drive, 5th Floor
Markham, ON L3R 9R9

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

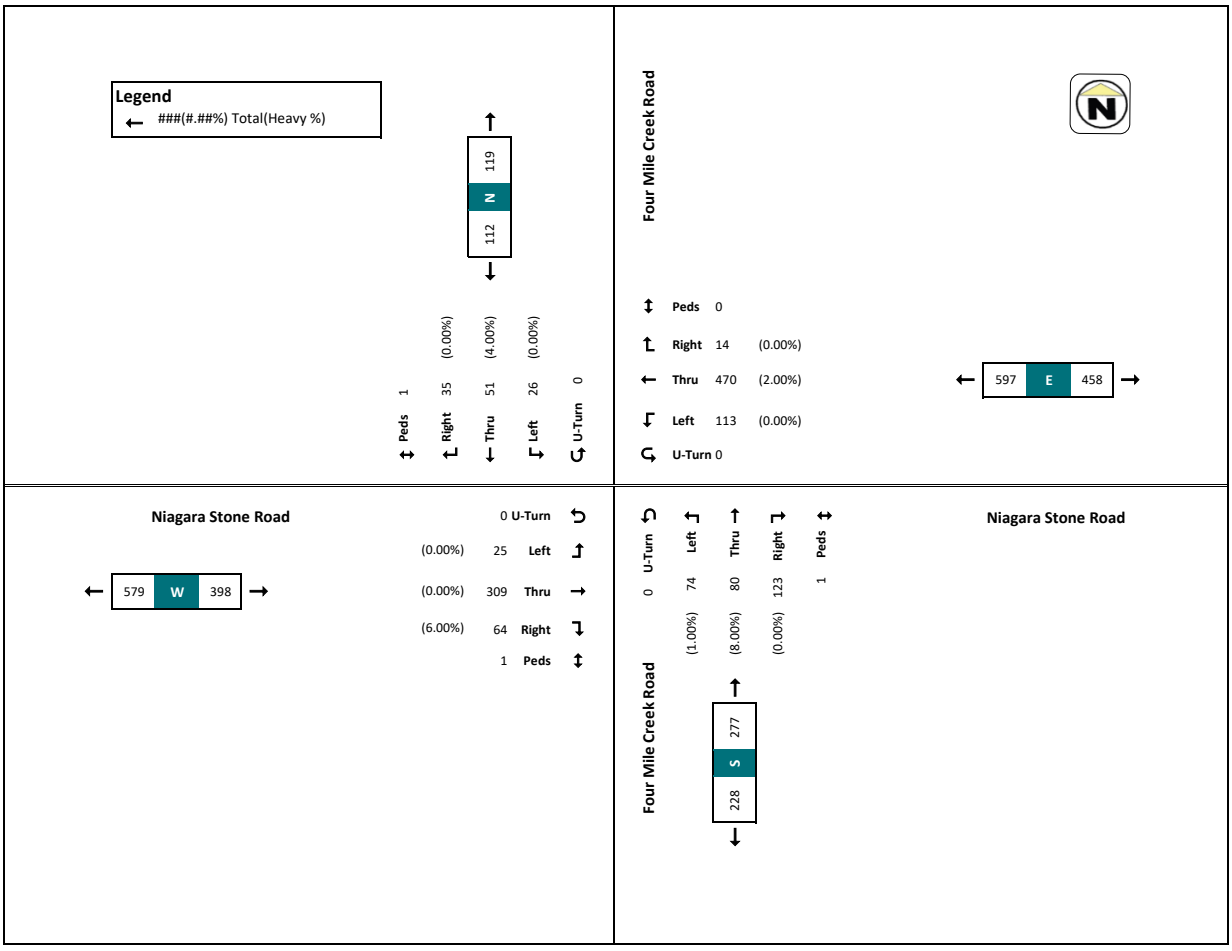


LEA Consulting Ltd.
625 Cochrane Drive, 5th Floor
Markham, ON L3R 9R9

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: 11-02-2025 15:06:38
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r01.te Time Period: Day/Night 16/8 hours
Description: Residential Building North Façade

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 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 : 12.75 / 12.75 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Road data, segment # 2: 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 # 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 : 12.75 / 12.75 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 + 49.33 + 0.00) = 49.33 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq
---
-90 90 0.00 62.04 0.00 -12.71 0.00 0.00 0.00 0.00 49.33

Segment Leq : 49.33 dBA

Results segment # 2: FMC Road (day)

Source height = 1.11 m

ROAD (0.00 + 52.82 + 0.00) = 52.82 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

```
------------------------------------------------------------------------
--------                                          TOTAL Leq FROM ALL SOURCES (DAY): 54.43
   -90     10   0.00  60.69   0.00  -5.31  -2.55   0.00   0.00                    (NIGHT): 47.84
0.00  52.82
------------------------------------------------------------------------
--------

Segment Leq : 52.82 dBA

Total Leq All Segments: 54.43 dBA

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

Source height = 0.86 m

ROAD (0.00 + 42.84 + 0.00) = 42.84 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
------------------------------------------------------------------------
--------
   -90     90   0.00  55.55   0.00 -12.71   0.00   0.00   0.00
0.00  42.84
------------------------------------------------------------------------
--------

Segment Leq : 42.84 dBA

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

Source height = 1.10 m

ROAD (0.00 + 46.19 + 0.00) = 46.19 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
------------------------------------------------------------------------
--------
   -90     10   0.00  54.06   0.00  -5.31  -2.55   0.00   0.00
0.00  46.19
------------------------------------------------------------------------
--------

Segment Leq : 46.19 dBA

Total Leq All Segments: 47.84 dBA
```

```
STAMSON 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: Residential Building West Façade North Corner

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           :  12.75 / 12.75  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: 11-02-2025 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           :  12.75 / 12.75  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: 11-02-2025 16:02:30
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r04.te               Time Period: Day/Night 16/8 hours
Description: Office Building North Façade East Corner

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   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  :  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 # 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 + 49.33 + 0.00) = 49.33 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------------
--------
   -90     90   0.00  62.04   0.00 -12.71   0.00   0.00   0.00
0.00  49.33
-------------------------------------------------------------------------
--------

Segment Leq : 49.33 dBA

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

Source height = 1.11 m

ROAD (0.00 + 58.55 + 0.00) = 58.55 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
```

```
------------------------------------------------------------------------
--------                                          TOTAL Leq FROM ALL SOURCES (DAY): 59.04
   -90     20   0.00  60.69   0.00   0.00  -2.14   0.00   0.00                        (NIGHT): 52.43
0.00  58.55
------------------------------------------------------------------------
--------

Segment Leq : 58.55 dBA

Total Leq All Segments: 59.04 dBA

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

Source height = 0.86 m

ROAD (0.00 + 42.84 + 0.00) = 42.84 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
------------------------------------------------------------------------
--------
   -90     90   0.00  55.55   0.00 -12.71   0.00   0.00   0.00
0.00  42.84
------------------------------------------------------------------------
--------

Segment Leq : 42.84 dBA

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

Source height = 1.10 m

ROAD (0.00 + 51.92 + 0.00) = 51.92 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
------------------------------------------------------------------------
--------
   -90     20   0.00  54.06   0.00   0.00  -2.14   0.00   0.00
0.00  51.92
------------------------------------------------------------------------
--------

Segment Leq : 51.92 dBA

Total Leq All Segments: 52.43 dBA
```

```
STAMSON 5.0        NORMAL REPORT        Date: 11-02-2025 16:02:54
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r05.te               Time Period: Day/Night 16/8 hours
Description: Office Building West Façade

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  : 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  :  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 # 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 + 44.41 + 0.00) = 44.41 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 -13.53  -4.10   0.00   0.00
0.00  44.41
-------------------------------------------------------------------------
--------

Segment Leq : 44.41 dBA

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

Source height = 1.11 m

ROAD (0.00 + 52.91 + 0.00) = 52.91 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
```

```
-------------------------------------------------------------------
--------                                    TOTAL Leq FROM ALL SOURCES (DAY): 53.48
    40     90   0.00  60.69   0.00  -2.22  -5.56   0.00   0.00                    (NIGHT): 46.87
0.00  52.91
-------------------------------------------------------------------
--------

Segment Leq : 52.91 dBA

Total Leq All Segments: 53.48 dBA

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

Source height = 0.86 m

ROAD (0.00 + 37.92 + 0.00) = 37.92 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 -13.53  -4.10   0.00   0.00
0.00  37.92
-------------------------------------------------------------------
--------

Segment Leq : 37.92 dBA

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

Source height = 1.10 m

ROAD (0.00 + 46.28 + 0.00) = 46.28 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
    40     90   0.00  54.06   0.00  -2.22  -5.56   0.00   0.00
0.00  46.28
-------------------------------------------------------------------
--------

Segment Leq : 46.28 dBA

Total Leq All Segments: 46.87 dBA
```

```
STAMSON 5.0        NORMAL REPORT        Date: 11-02-2025 16:03:12
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r06.te               Time Period: Day/Night 16/8 hours
Description: Office 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  :  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  :  5445/605   veh/TimePeriod  *
Medium truck volume :    54/6     veh/TimePeriod  *
Heavy truck volume  :    85/9     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          :  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 # 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 + 58.14 + 0.00) = 58.14 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   0.00  -2.55   0.00   0.00
0.00  58.14
-------------------------------------------------------------------------
--------

Segment Leq : 58.14 dBA

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

Source height = 1.11 m

ROAD (0.00 + 50.28 + 0.00) = 50.28 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
```

```
------------------------------------------------------------------------
--------                                          TOTAL Leq FROM ALL SOURCES (DAY): 58.80
    60     90   0.00  62.43   0.00  -4.37  -7.78   0.00   0.00                        (NIGHT): 52.17
0.00  50.28
------------------------------------------------------------------------
--------

Segment Leq : 50.28 dBA

Total Leq All Segments: 58.80 dBA

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

Source height = 1.10 m

ROAD (0.00 + 51.51 + 0.00) = 51.51 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   0.00  -2.55   0.00   0.00
0.00  51.51
------------------------------------------------------------------------
--------

Segment Leq : 51.51 dBA

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

Source height = 1.10 m

ROAD (0.00 + 43.67 + 0.00) = 43.67 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
------------------------------------------------------------------------
--------
    60     90   0.00  55.81   0.00  -4.37  -7.78   0.00   0.00
0.00  43.67
------------------------------------------------------------------------
--------

Segment Leq : 43.67 dBA

Total Leq All Segments: 52.17 dBA
```

```
STAMSON 5.0        NORMAL REPORT        Date: 11-02-2025 16:03:34
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r07.te               Time Period: Day/Night 16/8 hours
Description: Office Building East North Corner Façade

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           : -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  :  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 # 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 + 46.42 + 0.00) = 46.42 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------------
--------
   -10     90   0.00  62.04   0.00 -13.07  -2.55   0.00   0.00
0.00  46.42
-------------------------------------------------------------------------
--------

Segment Leq : 46.42 dBA

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

Source height = 1.11 m

ROAD (0.00 + 60.69 + 0.00) = 60.69 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
```

```
------------------------------------------------------------------------
--------                                          TOTAL Leq FROM ALL SOURCES (DAY): 60.85
   -90     90   0.00  60.69   0.00   0.00   0.00   0.00   0.00                        (NIGHT): 54.22
0.00  60.69
------------------------------------------------------------------------
--------

Segment Leq : 60.69 dBA

Total Leq All Segments: 60.85 dBA

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

Source height = 0.86 m

ROAD (0.00 + 39.93 + 0.00) = 39.93 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
------------------------------------------------------------------------
--------
   -10     90   0.00  55.55   0.00 -13.07  -2.55   0.00   0.00
0.00  39.93
------------------------------------------------------------------------
--------

Segment Leq : 39.93 dBA

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

Source height = 1.10 m

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

Segment Leq : 54.06 dBA

Total Leq All Segments: 54.22 dBA
```

STAMSON 5.0 NORMAL REPORT Date: 11-02-2025 16:03:56
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r08.te Time Period: Day/Night 16/8 hours
Description: Office Building East Façade South Corner

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 : -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 : 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 # 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 : 5445/605 veh/TimePeriod *
Medium truck volume : 54/6 veh/TimePeriod *
Heavy truck volume : 85/9 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 : 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 # 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 + 45.40 + 0.00) = 45.40 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------------
--------
   -10     90   0.00  62.04   0.00 -14.09  -2.55   0.00   0.00
0.00  45.40
-------------------------------------------------------------------------
--------

Segment Leq : 45.40 dBA

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

Source height = 1.11 m

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

Segment Leq : 60.69 dBA

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

Source height = 1.11 m

ROAD (0.00 + 49.33 + 0.00) = 49.33 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------------
--------
    60     90   0.00  62.43   0.00  -5.31  -7.78   0.00   0.00
0.00  49.33
-------------------------------------------------------------------------
--------

Segment Leq : 49.33 dBA

Total Leq All Segments: 61.11 dBA

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

Source height = 0.86 m

ROAD (0.00 + 38.91 + 0.00) = 38.91 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------------
--------
   -10     90   0.00  55.55   0.00 -14.09  -2.55   0.00   0.00
0.00  38.91
-------------------------------------------------------------------------
--------

Segment Leq : 38.91 dBA

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

Source height = 1.10 m

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

Segment Leq : 54.06 dBA

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

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

Source height = 1.10 m

ROAD (0.00 + 42.72 + 0.00) = 42.72 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------
--------
    60     90   0.00  55.81   0.00  -5.31  -7.78   0.00   0.00
0.00  42.72
-------------------------------------------------------------------
--------

Segment Leq : 42.72 dBA

Total Leq All Segments: 54.49 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 61.11
                           (NIGHT): 54.49
```

```
STAMSON 5.0        NORMAL REPORT        Date: 11-02-2025 16:04:15
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r09.te               Time Period: Day/Night 16/8 hours
Description: Office Building North Façade West Corner

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   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  :  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 # 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 + 49.32 + 0.00) = 49.32 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
-------------------------------------------------------------------------
--------
   -90     90   0.00  62.04   0.00 -12.73   0.00   0.00   0.00
0.00  49.32
-------------------------------------------------------------------------
--------

Segment Leq : 49.32 dBA

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

Source height = 1.11 m

ROAD (0.00 + 54.30 + 0.00) = 54.30 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
```

```
------------------------------------------------------------------------
--------                                          TOTAL Leq FROM ALL SOURCES (DAY): 55.50
   -90    -10   0.00  60.69   0.00  -2.86  -3.52   0.00   0.00                        (NIGHT): 48.91
0.00  54.30
------------------------------------------------------------------------
--------

Segment Leq : 54.30 dBA

Total Leq All Segments: 55.50 dBA

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

Source height = 0.86 m

ROAD (0.00 + 42.83 + 0.00) = 42.83 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
------------------------------------------------------------------------
--------
   -90     90   0.00  55.55   0.00 -12.73   0.00   0.00   0.00
0.00  42.83
------------------------------------------------------------------------
--------

Segment Leq : 42.83 dBA

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

Source height = 1.10 m

ROAD (0.00 + 47.68 + 0.00) = 47.68 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj
B.Adj SubLeq
------------------------------------------------------------------------
--------
   -90    -10   0.00  54.06   0.00  -2.86  -3.52   0.00   0.00
0.00  47.68
------------------------------------------------------------------------
--------

Segment Leq : 47.68 dBA

Total Leq All Segments: 48.91 dBA
```

```
STAMSON 5.0        NORMAL REPORT        Date: 11-02-2025 16:04:33
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r10.te               Time Period: Day/Night 16/8 hours
Description: Residential Building West Façade South Corner

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  : 350.00 / 350.00 m
Receiver height           :  12.75 / 12.75  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 + 46.23 + 0.00) = 46.23 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 -13.68  -2.14   0.00   0.00
0.00  46.23
-------------------------------------------------------------------
--------

Segment Leq : 46.23 dBA

Total Leq All Segments: 46.23 dBA

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

Source height = 0.86 m

ROAD (0.00 + 39.74 + 0.00) = 39.74 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 -13.68  -2.14   0.00   0.00
0.00  39.74
-------------------------------------------------------------------
--------

Segment Leq : 39.74 dBA

Total Leq All Segments: 39.74 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 46.23
                           (NIGHT): 39.74
```

APPENDIX D

SAMPLE CADNA/A ANALYSIS

Project: 1544 & 1546 Four Mile Creek Rd, Niagara-on-the-Lake
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	
		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
S15	HVAC RTU	245	20	204	28	188	29	252	11	257	8	192	29	253	11
S14	HVAC RTU	248	14	207	26	190	26	254	5	260	3	194	26	254	5
S08	HVAC RTU	276	8	239	27	207	28	257	6	283	9	207	28	251	14
S26	HVAC RTU	282	25	311	12	346	9	321	24	279	26	348	4	333	24
S11	HVAC RTU	284	8	247	27	216	28	268	6	293	8	217	28	263	13
S35	HVAC RTU	286	7	254	26	219	28	257	7	291	9	218	28	248	16
S10	HVAC RTU	287	8	250	27	219	28	270	6	295	8	219	28	264	13
S27	HVAC RTU	288	25	319	11	353	8	327	24	286	25	355	3	339	24
S25	HVAC RTU	290	22	310	9	346	14	336	21	291	22	349	1	349	12
S34	HVAC RTU	319	6	291	25	255	26	285	7	322	9	252	26	275	16
S18	HVAC RTU	327	24	287	25	276	26	341	11	340	7	281	25	342	8
S36	HVAC RTU	300	2	266	23	232	25	276	2	307	3	231	25	269	8
S19	HVAC RTU	330	24	289	25	278	25	342	10	342	7	282	25	343	8
S21	HVAC RTU	330	19	289	25	274	26	338	8	342	6	278	25	338	9
S20	HVAC RTU	331	24	290	25	277	25	341	9	343	7	282	25	342	8
S05	HVAC RTU	334	6	304	25	269	26	301	6	338	9	266	26	291	15
S06	HVAC RTU	335	6	306	25	271	26	303	6	339	9	268	26	293	15
S33	HVAC RTU	317	5	288	24	252	25	283	5	321	8	250	25	274	15
S07	HVAC RTU	345	5	315	24	279	25	314	6	350	8	277	25	305	15
S28	HVAC RTU	329	21	362	4	396	2	364	20	325	21	397	1	375	20
S24	HVAC RTU	331	9	289	22	271	23	334	3	342	2	274	23	333	4
S32	HVAC RTU	410	22	428	12	464	21	458	21	412	22	467	5	470	13
S31	HVAC RTU	411	22	429	12	464	21	459	21	413	22	468	5	471	13
S13	HVAC RTU	246	13	204	24	187	24	250	6	257	5	190	24	250	7
S01	HVAC RTU	250	3	232	17	197	17	206	5	250	8	193	24	195	18
S02	HVAC RTU	272	3	256	16	221	16	228	5	272	8	216	23	216	18
S03	HVAC RTU	309	2	293	15	258	15	264	4	308	7	253	21	252	16
S17	HVAC RTU	154	9	114	29	87	31	147	8	163	6	89	31	145	12
S16	HVAC RTU	158	9	119	29	91	31	149	7	167	6	92	31	147	12
S04	HVAC RTU	332	2	317	14	282	14	287	4	331	7	277	20	275	20
S37	HVAC RTU	268	2	237	17	202	19	239	2	273	3	200	19	230	8
S12	HVAC RTU	264	6	224	23	198	24	255	3	274	5	199	24	251	8
S09	HVAC RTU	290	4	253	22	222	23	272	3	298	5	222	23	265	9
S38	HVAC RTU	324	15	283	21	268	21	332	5	336	3	272	21	332	5
S22	HVAC RTU	336	14	295	20	280	21	344	5	348	3	284	21	344	5
S23	HVAC RTU	337	13	295	20	279	21	343	4	349	3	283	21	342	5
S29	HVAC RTU	345	19	383	5	414	2	372	18	339	19	414	1	382	18
S30	HVAC RTU	365	18	401	5	433	2	394	18	359	19	433	1	404	18
Total Level [dBA]			34		39		41		31		32		41		31

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	12.75 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	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	-3.0	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	21
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	84	0.0	250	57.2	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-8.7	0.0	21
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	87	0.0	500	57.2	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-9.9	0.0	22
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	89	0.0	1000	57.2	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-10.9	0.0	23
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	85	0.0	2000	57.2	0.0	-3.0	0.0	2.0	0.0	0.0	0.0	-11.9	0.0	17
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	78	0.0	4000	57.2	0.0	-3.0	0.0	6.7	0.0	0.0	0.0	-12.9	0.0	4
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	61	0.0	125	57.3	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	2
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	72	0.0	250	57.3	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-8.7	0.0	9
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	84	0.0	500	57.3	0.0	-3.0	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	-3.0	0.0	0.8	0.0	0.0	0.0	-10.9	0.0	23
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	87	0.0	2000	57.3	0.0	-3.0	0.0	2.0	0.0	0.0	0.0	-11.9	0.0	19
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	81	0.0	4000	57.3	0.0	-3.0	0.0	6.8	0.0	0.0	0.0	-12.9	0.0	7
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	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	20
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	84	0.0	250	58.6	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-1.0	0.0	9
S18	HVAC RTU	17652494.0	4787078.9	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
S18	HVAC RTU	17652494.0	4787078.9	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

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	12.75 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	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
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	89	0.0	1000	60.2	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	60.2	0.0	-3.0	0.0	2.8	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	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	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	18
S21	HVAC RTU	17652529.4	4787083.3	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
S21	HVAC RTU	17652529.4	4787083.3	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
S21	HVAC RTU	17652529.4	4787083.3	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
S21	HVAC RTU	17652529.4	4787083.3	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
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	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	18
S19	HVAC RTU	17652502.1	4787082.3	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
S19	HVAC RTU	17652502.1	4787082.3	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
S19	HVAC RTU	17652502.1	4787082.3	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
S19	HVAC RTU	17652502.1	4787082.3	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
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	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	18
S20	HVAC RTU	17652511.2	4787083.5	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
S20	HVAC RTU	17652511.2	4787083.5	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
S20	HVAC RTU	17652511.2	4787083.5	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
S20	HVAC RTU	17652511.2	4787083.5	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
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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	18
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	87	0.0	500	60.7	0.0	-3.0	0.0	0.6	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	60.7	0.0	-3.0	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	-3.0	0.0	3.0	0.0	0.0	0.0	-12.0	0.0	13

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	12.75 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	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
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	80	0.0	125	60.9	0.0	-3.0	9.6	0.1	0.0	0.0	0.0	-4.8	0.0	8
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	84	0.0	250	60.9	0.0	-3.0	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	-3.0	15.1	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	-3.0	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	-1.0	0.0	7
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	78	0.0	125	60.2	0.0	-3.0	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	-3.0	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	-3.0	0.0	0.6	0.0	0.0	0.0	-10.0	0.0	19
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	1000	60.2	0.0	-3.0	0.0	1.1	0.0	0.0	0.0	-11.0	0.0	18
S33	HVAC RTU	17652765.8	4786957.2	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
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	81	0.0	4000	60.2	0.0	-3.0	0.0	9.4	0.0	0.0	0.0	-13.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	12.5	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	-3.0	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	-3.0	18.2	1.2	0.0	0.0	0.0	-11.0	0.0	1
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	84	0.0	500	60.8	0.0	-3.0	11.8	0.6	0.0	0.0	0.0	-10.0	0.0	4
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	89	0.0	1000	60.8	0.0	-3.0	14.4	1.1	0.0	0.0	0.0	-11.0	0.0	5
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	-3.0	0.0	0.1	0.0	0.0	0.0	-4.7	0.0	16
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	250	57.2	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	6.7	0.0	0.0	0.0	-12.9	0.0	3
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	-3.0	4.5	0.1	0.0	0.0	0.0	-4.8	0.0	9
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	79	0.0	250	58.3	0.0	-3.0	4.7	0.2	0.0	0.0	0.0	-8.8	0.0	10
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	83	0.0	500	58.3	0.0	-3.0	5.0	0.4	0.0	0.0	0.0	-10.0	0.0	12
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	82	0.0	1000	58.3	0.0	-3.0	5.3	0.8	0.0	0.0	0.0	-11.0	0.0	10
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	81	0.0	2000	58.3	0.0	-3.0	5.9	2.2	0.0	0.0	0.0	-12.0	0.0	6
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

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	12.75 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	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
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	80	0.0	125	63.6	0.0	-3.0	6.7	0.2	0.0	0.0	0.0	-4.9	0.0	8
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	84	0.0	250	63.6	0.0	-3.0	8.4	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	-3.0	10.5	0.8	0.0	0.0	0.0	-10.0	0.0	5
S32	HVAC RTU	17652130.5	4786637.7	5.5	0	89	0.0	1000	63.6	0.0	-3.0	13.0	1.6	0.0	0.0	0.0	-11.0	0.0	3
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	80	0.0	125	63.6	0.0	-3.0	6.6	0.2	0.0	0.0	0.0	-4.9	0.0	8
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	84	0.0	250	63.6	0.0	-3.0	8.3	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	-3.0	10.4	0.8	0.0	0.0	0.0	-10.0	0.0	5
S31	HVAC RTU	17652128.5	4786640.0	5.5	0	89	0.0	1000	63.6	0.0	-3.0	12.8	1.6	0.0	0.0	0.0	-11.0	0.0	3
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	52.5	0.0	-3.0	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	-3.0	0.0	0.1	0.0	0.0	0.0	-8.5	0.0	21
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	84	0.0	500	52.5	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	3.9	0.0	0.0	0.0	-12.9	0.0	7
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	74	0.0	125	59.2	0.0	-3.0	4.5	0.1	0.0	0.0	0.0	-4.9	0.0	8
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	79	0.0	250	59.2	0.0	-3.0	4.8	0.3	0.0	0.0	0.0	-8.9	0.0	9
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	83	0.0	500	59.2	0.0	-3.0	5.1	0.5	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	59.2	0.0	-3.0	5.6	0.9	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	59.2	0.0	-3.0	6.4	2.5	0.0	0.0	0.0	-12.0	0.0	4
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	74	0.0	125	60.3	0.0	-3.0	4.5	0.1	0.0	0.0	0.0	-4.9	0.0	7
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	79	0.0	250	60.3	0.0	-3.0	4.8	0.3	0.0	0.0	0.0	-8.9	0.0	8
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	83	0.0	500	60.3	0.0	-3.0	5.1	0.6	0.0	0.0	0.0	-10.0	0.0	10
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	82	0.0	1000	60.3	0.0	-3.0	5.5	1.1	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	60.3	0.0	-3.0	6.2	2.8	0.0	0.0	0.0	-12.0	0.0	3
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	74	0.0	125	61.0	0.0	-3.0	4.5	0.1	0.0	0.0	0.0	-4.9	0.0	6
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	79	0.0	250	61.0	0.0	-3.0	4.8	0.3	0.0	0.0	0.0	-8.9	0.0	7
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	83	0.0	500	61.0	0.0	-3.0	5.2	0.6	0.0	0.0	0.0	-10.0	0.0	9
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	82	0.0	1000	61.0	0.0	-3.0	5.7	1.2	0.0	0.0	0.0	-11.0	0.0	6
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	81	0.0	2000	61.0	0.0	-3.0	6.5	3.1	0.0	0.0	0.0	-12.0	0.0	2
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	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	10
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	72	0.0	250	58.5	0.0	-3.0	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	-3.0	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	-3.0	0.0	0.9	0.0	0.0	0.0	-10.9	0.0	9
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	75	0.0	2000	58.5	0.0	-3.0	0.0	2.3	0.0	0.0	0.0	-11.9	0.0	5
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	-4.8	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	-8.8	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

Receiver: RP01
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	39

Receiver Name	Receiver ID	X	Y	Z
RP01	RP01	17652528.55 m	4786794.33 m	12.75 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	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
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	76	0.0	125	59.1	0.0	-3.0	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	-3.0	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	-3.0	0.0	0.5	0.0	0.0	0.0	-9.9	0.0	18
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	83	0.0	1000	59.1	0.0	-3.0	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	-3.0	0.0	2.4	0.0	0.0	0.0	-11.9	0.0	9
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	76	0.0	125	60.0	0.0	-3.0	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	-3.0	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	-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	60.0	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	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	60.4	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	14
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	79	0.0	250	60.4	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	13
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	84	0.0	500	60.4	0.0	-3.0	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	-3.0	0.0	1.1	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	60.4	0.0	-3.0	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	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	14
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	79	0.0	250	60.4	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	13
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	84	0.0	500	60.4	0.0	-3.0	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	-3.0	0.0	1.1	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	60.4	0.0	-3.0	0.0	2.9	0.0	0.0	0.0	-12.0	0.0	7
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	76	0.0	125	62.7	0.0	-3.0	11.3	0.2	0.0	0.0	0.0	-4.9	0.0	0

Receiver: RP02
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	34

Receiver Name	Receiver ID	X	Y	Z
RP02	RP02	17652523.94 m	4786753.00 m	12.75 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	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	-3.0	5.4	0.1	0.0	0.0	0.0	-4.8	0.0	14
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	84	0.0	250	58.8	0.0	-3.0	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	-3.0	7.3	0.5	0.0	0.0	0.0	-9.9	0.0	13
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	89	0.0	1000	58.8	0.0	-3.0	8.9	0.9	0.0	0.0	0.0	-10.9	0.0	13
S15	HVAC RTU	17652538.8	4786997.8	5.5	0	85	0.0	2000	58.8	0.0	-3.0	10.9	2.4	0.0	0.0	0.0	-11.9	0.0	4
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	72	0.0	250	58.9	0.0	-3.0	7.2	0.3	0.0	0.0	0.0	-8.8	0.0	0
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	84	0.0	500	58.9	0.0	-3.0	8.9	0.5	0.0	0.0	0.0	-9.9	0.0	9
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	89	0.0	1000	58.9	0.0	-3.0	11.0	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	-3.0	13.4	2.4	0.0	0.0	0.0	-11.9	0.0	4
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	80	0.0	125	59.8	0.0	-3.0	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	-3.0	18.3	0.3	0.0	0.0	0.0	-8.8	0.0	0
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	-1.0	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	-10.0	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	-11.0	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	-12.0	0.0	14
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	80	0.0	125	60.1	0.0	-3.0	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	-3.0	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	-3.0	15.7	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	-3.0	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	-3.0	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	-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	60.2	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	60.2	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	60.2	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	60.2	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	61.1	0.0	-3.0	15.7	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	-3.0	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	61.3	0.0	-3.0	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	61.3	0.0	-3.0	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	61.3	0.0	-3.0	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	61.3	0.0	-3.0	0.0	3.2	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	61.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-1.0	0.0	7
S19	HVAC RTU	17652502.1	4787082.3	5.5	0	80	0.0	125	61.4	0.0	-3.0	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	61.4	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	17

Receiver: RP02
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	34

Receiver Name	Receiver ID	X	Y	Z
RP02	RP02	17652523.94 m	4786753.00 m	12.75 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	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
S19	HVAC RTU	17652502.1	4787082.3	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	19
S19	HVAC RTU	17652502.1	4787082.3	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	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	61.4	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-8.8	0.0	17
S20	HVAC RTU	17652511.2	4787083.5	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
S20	HVAC RTU	17652511.2	4787083.5	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
S20	HVAC RTU	17652511.2	4787083.5	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
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	80	0.0	125	61.5	0.0	-3.0	15.6	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	-3.0	15.6	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	-3.0	15.7	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	-3.0	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	-3.0	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	-3.0	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	19
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	87	0.0	2000	61.4	0.0	-3.0	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	-3.0	10.3	0.6	0.0	0.0	0.0	-10.0	0.0	5
S24	HVAC RTU	17652560.7	4787081.8	5.5	0	89	0.0	1000	61.4	0.0	-3.0	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	-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
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	75	0.0	125	58.8	0.0	-3.0	6.9	0.1	0.0	0.0	0.0	-4.8	0.0	7
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	80	0.0	250	58.8	0.0	-3.0	8.5	0.3	0.0	0.0	0.0	-8.8	0.0	7
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	83	0.0	500	58.8	0.0	-3.0	10.6	0.5	0.0	0.0	0.0	-9.9	0.0	6
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	82	0.0	1000	58.8	0.0	-3.0	13.0	0.9	0.0	0.0	0.0	-10.9	0.0	1
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	54.7	0.0	-3.0	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	-3.0	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	-3.0	19.9	0.3	0.0	0.0	0.0	-9.9	0.0	2
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	55.0	0.0	-3.0	14.3	0.1	0.0	0.0	0.0	-4.6	0.0	5

Receiver: RP02
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	34

Receiver Name	Receiver ID	X	Y	Z
RP02	RP02	17652523.94 m	4786753.00 m	12.75 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	79	0.0	250	55.0	0.0	-3.0	17.4	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	-3.0	20.4	0.3	0.0	0.0	0.0	-9.9	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
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	76	0.0	125	61.2	0.0	-3.0	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	-3.0	4.9	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	-3.0	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	-3.0	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	-3.0	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	-3.0	4.7	0.4	0.0	0.0	0.0	-8.8	0.0	7
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	84	0.0	500	61.5	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	5.7	0.4	0.0	0.0	0.0	-8.8	0.0	6
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	84	0.0	500	61.5	0.0	-3.0	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	-3.0	7.8	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	61.8	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	12
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	250	61.8	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-8.8	0.0	11
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	84	0.0	500	61.8	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	15
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	83	0.0	1000	61.8	0.0	-3.0	0.0	1.3	0.0	0.0	0.0	-11.0	0.0	12
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	2000	61.8	0.0	-3.0	0.0	3.3	0.0	0.0	0.0	-12.0	0.0	5
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	76	0.0	125	62.2	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	12
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	250	62.2	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-8.8	0.0	11
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	84	0.0	500	62.2	0.0	-3.0	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	-3.0	0.0	1.3	0.0	0.0	0.0	-11.0	0.0	12
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	2000	62.2	0.0	-3.0	0.0	3.5	0.0	0.0	0.0	-12.0	0.0	4

Receiver: RP03
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	32

Receiver Name	Receiver ID	X	Y	Z
RP03	RP03	17652529.24 m	4786741.01 m	12.75 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	80	0.0	125	59.2	0.0	-3.0	15.8	0.1	0.0	0.0	0.0	-4.8	0.0	3
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	-1.0	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	-10.0	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	-11.0	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	-12.0	0.0	14
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	80	0.0	125	60.0	0.0	-3.0	12.9	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	-3.0	16.6	0.3	0.0	0.0	0.0	-8.8	0.0	2
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	-1.0	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	-10.0	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	-11.0	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	-12.0	0.0	13
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	80	0.0	125	60.3	0.0	-3.0	12.0	0.1	0.0	0.0	0.0	-4.8	0.0	6
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	84	0.0	250	60.3	0.0	-3.0	15.7	0.3	0.0	0.0	0.0	-8.8	0.0	2
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	80	0.0	125	60.3	0.0	-3.0	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	-3.0	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	-3.0	13.0	0.1	0.0	0.0	0.0	-4.8	0.0	5
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	84	0.0	250	60.4	0.0	-3.0	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	-3.0	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	-3.0	14.9	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	-3.0	11.6	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	-3.0	15.1	0.4	0.0	0.0	0.0	-8.8	0.0	2
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	80	0.0	125	61.6	0.0	-3.0	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	-3.0	15.1	0.4	0.0	0.0	0.0	-8.8	0.0	2
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	80	0.0	125	61.6	0.0	-3.0	13.8	0.1	0.0	0.0	0.0	-4.8	0.0	3
S21	HVAC RTU	17652529.4	4787083.3	5.5	0	80	0.0	125	61.7	0.0	-3.0	15.8	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	-3.0	13.9	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	-3.0	13.9	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	-3.0	11.5	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	-3.0	15.0	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	-3.0	11.8	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	-3.0	15.4	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	-3.0	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	-3.0	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	-3.0	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	19
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	87	0.0	2000	61.2	0.0	-3.0	0.0	3.1	0.0	0.0	0.0	-12.0	0.0	14

Receiver: RP03
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	32

Receiver Name	Receiver ID	X	Y	Z
RP03	RP03	17652529.24 m	4786741.01 m	12.75 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
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	-3.0	9.4	0.1	0.0	0.0	0.0	-4.9	0.0	4
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	79	0.0	250	58.9	0.0	-3.0	12.6	0.3	0.0	0.0	0.0	-8.9	0.0	2
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	74	0.0	125	59.7	0.0	-3.0	9.1	0.1	0.0	0.0	0.0	-4.9	0.0	3
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	79	0.0	250	59.7	0.0	-3.0	12.2	0.3	0.0	0.0	0.0	-8.9	0.0	1
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	74	0.0	125	60.8	0.0	-3.0	8.9	0.1	0.0	0.0	0.0	-4.9	0.0	2
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	79	0.0	250	60.8	0.0	-3.0	12.0	0.3	0.0	0.0	0.0	-8.9	0.0	1
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	74	0.0	125	61.4	0.0	-3.0	8.7	0.1	0.0	0.0	0.0	-4.9	0.0	2
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	79	0.0	250	61.4	0.0	-3.0	11.7	0.3	0.0	0.0	0.0	-8.9	0.0	0
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	55.2	0.0	-3.0	16.7	0.1	0.0	0.0	0.0	-4.7	0.0	2
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	55.4	0.0	-3.0	16.4	0.1	0.0	0.0	0.0	-4.7	0.0	2
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	76	0.0	125	59.7	0.0	-3.0	13.6	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	60.5	0.0	-3.0	12.9	0.1	0.0	0.0	0.0	-4.8	0.0	1
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	76	0.0	125	61.6	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	12
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	250	61.6	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-8.8	0.0	11
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	84	0.0	500	61.6	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-10.0	0.0	15
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	83	0.0	1000	61.6	0.0	-3.0	0.0	1.2	0.0	0.0	0.0	-11.0	0.0	12
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	2000	61.6	0.0	-3.0	0.0	3.3	0.0	0.0	0.0	-12.0	0.0	5
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	76	0.0	125	62.1	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.8	0.0	12
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	250	62.1	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-8.8	0.0	11
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	84	0.0	500	62.1	0.0	-3.0	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	-3.0	0.0	1.3	0.0	0.0	0.0	-11.0	0.0	12
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	2000	62.1	0.0	-3.0	0.0	3.5	0.0	0.0	0.0	-12.0	0.0	5

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	41

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
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	-3.0	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	21
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	84	0.0	250	57.3	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	21
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	87	0.0	500	57.7	0.0	-3.0	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	-3.0	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	23
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	85	0.0	2000	57.7	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	22
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	89	0.0	1000	57.8	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	1
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	72	0.0	250	58.3	0.0	-3.0	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	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	18

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	41

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
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	89	0.0	1000	58.3	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	19
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	84	0.0	250	59.1	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	2.5	0.0	0.0	0.0	-12.0	0.0	15
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	78	0.0	4000	59.1	0.0	-3.0	0.0	8.4	0.0	0.0	0.0	-13.0	0.0	1
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	-3.0	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	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	19
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	87	0.0	500	59.6	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	19
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	87	0.0	500	59.6	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	17
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	83	0.0	250	59.0	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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
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

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	41

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
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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-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	59.7	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
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	49.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-4.9	0.0	24
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	250	49.8	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	2.8	0.0	0.0	0.0	-13.0	0.0	10
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
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	50.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-4.9	0.0	24
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	250	50.1	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-8.9	0.0	23
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	84	0.0	500	50.1	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-10.0	0.0	27
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	83	0.0	1000	50.1	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-11.0	0.0	25
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	2000	50.1	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-12.0	0.0	19
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	73	0.0	4000	50.1	0.0	-3.0	0.0	3.0	0.0	0.0	0.0	-13.0	0.0	10
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	-3.0	4.7	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	56.9	0.0	-3.0	5.2	0.2	0.0	0.0	0.0	-9.0	0.0	11
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	83	0.0	500	56.9	0.0	-3.0	5.9	0.4	0.0	0.0	0.0	-10.0	0.0	13
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	82	0.0	1000	56.9	0.0	-3.0	7.0	0.7	0.0	0.0	0.0	-11.0	0.0	9

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	41

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
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	81	0.0	2000	56.9	0.0	-3.0	8.5	1.9	0.0	0.0	0.0	-12.0	0.0	5
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	80	0.0	125	61.8	0.0	-3.0	11.3	0.1	0.0	0.0	0.0	-5.0	0.0	5
S26	HVAC RTU	17652295.7	4786588.4	5.5	0	84	0.0	250	61.8	0.0	-3.0	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	-3.0	16.8	0.7	0.0	0.0	0.0	-10.0	0.0	1
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	80	0.0	125	62.0	0.0	-3.0	11.9	0.1	0.0	0.0	0.0	-5.0	0.0	4
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	84	0.0	250	62.0	0.0	-3.0	14.6	0.4	0.0	0.0	0.0	-9.0	0.0	2
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	84	0.0	500	61.8	0.0	-3.0	5.8	0.7	0.0	0.0	0.0	-10.0	0.0	9
S25	HVAC RTU	17652250.3	4786658.2	5.5	0	89	0.0	1000	61.8	0.0	-3.0	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	-3.0	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	-3.0	4.8	0.1	0.0	0.0	0.0	-5.0	0.0	9
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	79	0.0	250	57.9	0.0	-3.0	5.4	0.2	0.0	0.0	0.0	-9.0	0.0	10
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	83	0.0	500	57.9	0.0	-3.0	6.2	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	57.9	0.0	-3.0	7.5	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	57.9	0.0	-3.0	9.1	2.1	0.0	0.0	0.0	-12.0	0.0	3
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	74	0.0	125	59.2	0.0	-3.0	4.7	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	59.2	0.0	-3.0	5.3	0.3	0.0	0.0	0.0	-9.0	0.0	9
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	83	0.0	500	59.2	0.0	-3.0	6.0	0.5	0.0	0.0	0.0	-10.0	0.0	10
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	82	0.0	1000	59.2	0.0	-3.0	7.1	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	59.2	0.0	-3.0	8.7	2.5	0.0	0.0	0.0	-12.0	0.0	2
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	-3.6	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	64.3	0.0	-3.6	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	64.3	0.0	-3.6	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	64.3	0.0	-3.6	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	64.3	0.0	-3.6	0.0	4.5	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	64.3	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	-3.6	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	64.3	0.0	-3.6	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	64.3	0.0	-3.6	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	64.3	0.0	-3.6	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	64.3	0.0	-3.6	0.0	4.5	0.0	0.0	0.0	-12.0	0.0	8
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	74	0.0	125	60.0	0.0	-3.0	4.8	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	60.0	0.0	-3.0	5.4	0.3	0.0	0.0	0.0	-9.0	0.0	8
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	83	0.0	500	60.0	0.0	-3.0	6.2	0.5	0.0	0.0	0.0	-10.0	0.0	9
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	82	0.0	1000	60.0	0.0	-3.0	7.4	1.0	0.0	0.0	0.0	-11.0	0.0	6
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	81	0.0	2000	60.0	0.0	-3.0	9.1	2.7	0.0	0.0	0.0	-12.0	0.0	0
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	-3.0	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	11
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	72	0.0	250	57.1	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	2.0	0.0	0.0	0.0	-12.0	0.0	7
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	74	0.0	4000	57.1	0.0	-3.0	0.0	6.6	0.0	0.0	0.0	-13.0	0.0	1

Receiver: RP04
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	41

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	76	0.0	125	56.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	17
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	79	0.0	250	56.9	0.0	-3.0	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	56.9	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	20
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	83	0.0	1000	56.9	0.0	-3.0	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	-3.0	0.0	1.9	0.0	0.0	0.0	-12.0	0.0	11
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	76	0.0	125	57.9	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	2.1	0.0	0.0	0.0	-12.0	0.0	10
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
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

Receiver: RP05
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
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
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
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	80	0.0	125	59.2	0.0	-3.0	16.0	0.1	0.0	0.0	0.0	-5.0	0.0	3
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	80	0.0	125	59.2	0.0	-3.0	16.8	0.1	0.0	0.0	0.0	-5.0	0.0	2
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	80	0.0	125	59.6	0.0	-3.0	17.0	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	-3.0	16.9	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	-3.0	15.4	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	-3.0	15.5	0.1	0.0	0.0	0.0	-5.0	0.0	2
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	80	0.0	125	60.6	0.0	-3.0	15.5	0.1	0.0	0.0	0.0	-5.0	0.0	2
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	78	0.0	125	60.1	0.0	-3.0	15.5	0.1	0.0	0.0	0.0	-5.0	0.0	0
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	80	0.0	125	60.9	0.0	-3.0	15.6	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
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	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	17
S27	HVAC RTU	17652296.3	4786576.0	5.5	0	84	0.0	250	61.3	0.0	-3.0	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	-3.0	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	-3.0	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	-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	-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	-3.0	9.6	0.1	0.0	0.0	0.0	-5.0	0.0	7
S18	HVAC RTU	17652494.0	4787078.9	5.5	0	84	0.0	250	61.6	0.0	-3.0	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	-3.0	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	-3.0	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
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	74	0.0	125	57.3	0.0	-3.0	14.2	0.1	0.0	0.0	0.0	-5.0	0.0	0
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	-3.0	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	4

Receiver: RP05
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
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
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	84	0.0	500	62.2	0.0	-3.0	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	-3.0	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	-3.0	0.0	3.5	0.0	0.0	0.0	-12.0	0.0	13
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
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	54.3	0.0	-3.0	15.6	0.1	0.0	0.0	0.0	-4.9	0.0	4
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	84	0.0	500	54.3	0.0	-3.0	22.2	0.3	0.0	0.0	0.0	-10.0	0.0	0
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	54.5	0.0	-3.0	15.8	0.1	0.0	0.0	0.0	-4.9	0.0	4
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	-3.0	0.0	0.2	0.0	0.0	0.0	-5.0	0.0	12
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	250	62.4	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	10
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	84	0.0	500	62.4	0.0	-3.0	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	62.4	0.0	-3.0	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	-3.0	0.0	3.6	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	62.9	0.0	-3.1	0.0	0.2	0.0	0.0	0.0	-5.0	0.0	11
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	250	62.9	0.0	-3.1	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	10
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	84	0.0	500	62.9	0.0	-3.1	0.0	0.8	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	62.9	0.0	-3.1	0.0	1.4	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	62.9	0.0	-3.1	0.0	3.8	0.0	0.0	0.0	-12.0	0.0	3

Receiver: RP06
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	31

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
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	-3.0	7.7	0.1	0.0	0.0	0.0	-5.0	0.0	11
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	84	0.0	250	58.9	0.0	-3.0	9.8	0.3	0.0	0.0	0.0	-9.0	0.0	10
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	87	0.0	500	58.9	0.0	-3.0	12.3	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	-3.0	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	-3.0	9.4	0.1	0.0	0.0	0.0	-5.0	0.0	10
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	84	0.0	250	59.0	0.0	-3.0	11.9	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	-3.0	14.7	0.5	0.0	0.0	0.0	-10.0	0.0	6
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	89	0.0	1000	59.0	0.0	-3.0	17.6	0.9	0.0	0.0	0.0	-11.0	0.0	4
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	-3.0	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	-3.0	15.1	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	18.1	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	20.7	0.9	0.0	0.0	0.0	-11.0	0.0	0
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	-3.0	9.7	0.1	0.0	0.0	0.0	-5.0	0.0	9
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	84	0.0	250	59.4	0.0	-3.0	12.3	0.3	0.0	0.0	0.0	-9.0	0.0	7
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	87	0.0	500	59.4	0.0	-3.0	15.2	0.5	0.0	0.0	0.0	-10.0	0.0	5
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	89	0.0	1000	59.4	0.0	-3.0	18.1	1.0	0.0	0.0	0.0	-11.0	0.0	3
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	-3.0	9.6	0.1	0.0	0.0	0.0	-5.0	0.0	9
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	84	0.0	250	59.4	0.0	-3.0	12.1	0.3	0.0	0.0	0.0	-9.0	0.0	7
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	87	0.0	500	59.4	0.0	-3.0	15.0	0.5	0.0	0.0	0.0	-10.0	0.0	5
S10	HVAC RTU	17652667.8	4787001.4	5.5	0	89	0.0	1000	59.4	0.0	-3.0	17.9	1.0	0.0	0.0	0.0	-11.0	0.0	3
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	-3.0	6.6	0.1	0.0	0.0	0.0	-5.0	0.0	12
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	84	0.0	250	59.8	0.0	-3.0	8.2	0.3	0.0	0.0	0.0	-9.0	0.0	10
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	87	0.0	500	59.8	0.0	-3.0	10.3	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	-3.0	12.7	1.0	0.0	0.0	0.0	-11.0	0.0	8
S14	HVAC RTU	17652545.1	4787000.3	5.5	0	89	0.0	1000	59.1	0.0	-3.0	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
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	80	0.0	125	60.3	0.0	-3.0	6.9	0.1	0.0	0.0	0.0	-5.0	0.0	11
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	84	0.0	250	60.3	0.0	-3.0	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	-3.0	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	-3.0	13.4	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	-3.0	6.8	0.1	0.0	0.0	0.0	-5.0	0.0	11
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	84	0.0	250	60.3	0.0	-3.0	8.6	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	-3.0	10.8	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	-3.0	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	-3.0	13.5	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	-3.0	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

Receiver: RP06
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	31

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
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	78	0.0	125	59.8	0.0	-3.0	6.8	0.1	0.0	0.0	0.0	-5.0	0.0	9
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	83	0.0	250	59.8	0.0	-3.0	8.5	0.3	0.0	0.0	0.0	-9.0	0.0	9
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	500	59.8	0.0	-3.0	10.7	0.5	0.0	0.0	0.0	-10.0	0.0	9
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	87	0.0	1000	59.8	0.0	-3.0	13.2	1.0	0.0	0.0	0.0	-11.0	0.0	5
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	-3.0	7.1	0.1	0.0	0.0	0.0	-5.0	0.0	10
S07	HVAC RTU	17652774.6	4786990.1	5.5	0	84	0.0	250	60.7	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	11.9	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	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	-3.0	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	-3.0	0.0	0.4	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	61.6	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	4.7	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	56.8	0.0	-3.0	5.1	0.2	0.0	0.0	0.0	-9.0	0.0	11
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	83	0.0	500	56.8	0.0	-3.0	5.6	0.4	0.0	0.0	0.0	-10.0	0.0	13
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	82	0.0	1000	56.8	0.0	-3.0	6.4	0.7	0.0	0.0	0.0	-11.0	0.0	10
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	81	0.0	2000	56.8	0.0	-3.0	7.5	1.9	0.0	0.0	0.0	-12.0	0.0	6
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
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	-3.0	4.5	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	-3.0	4.7	0.2	0.0	0.0	0.0	-9.0	0.0	11
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	83	0.0	500	57.7	0.0	-3.0	5.0	0.4	0.0	0.0	0.0	-10.0	0.0	13
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	82	0.0	1000	57.7	0.0	-3.0	5.3	0.8	0.0	0.0	0.0	-11.0	0.0	10
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	81	0.0	2000	57.7	0.0	-3.0	5.7	2.1	0.0	0.0	0.0	-12.0	0.0	7
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

Receiver: RP06
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	31

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
S28	HVAC RTU	17652287.5	4786523.9	5.5	0	72	0.0	250	62.5	0.0	-3.0	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	62.5	0.0	-3.0	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	62.5	0.0	-3.0	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	-3.0	0.0	3.6	0.0	0.0	0.0	-12.0	0.0	12
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	74	0.0	125	59.0	0.0	-3.0	4.4	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	59.0	0.0	-3.0	4.6	0.3	0.0	0.0	0.0	-9.0	0.0	10
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	83	0.0	500	59.0	0.0	-3.0	4.8	0.5	0.0	0.0	0.0	-10.0	0.0	12
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	82	0.0	1000	59.0	0.0	-3.0	4.9	0.9	0.0	0.0	0.0	-11.0	0.0	9
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	81	0.0	2000	59.0	0.0	-3.0	5.0	2.4	0.0	0.0	0.0	-12.0	0.0	6
S13	HVAC RTU	17652551.9	4786997.1	5.5	0	75	0.0	125	58.9	0.0	-3.0	11.8	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	-3.0	14.8	0.3	0.0	0.0	0.0	-9.0	0.0	0
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	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	12
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	79	0.0	250	59.8	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	13
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	83	0.0	500	59.8	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	16
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	82	0.0	1000	59.8	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	13
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	81	0.0	2000	59.8	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	10
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	54.2	0.0	-3.0	11.4	0.1	0.0	0.0	0.0	-4.9	0.0	8
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	250	54.2	0.0	-3.0	14.4	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	-3.0	17.4	0.3	0.0	0.0	0.0	-10.0	0.0	5
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	83	0.0	1000	54.2	0.0	-3.0	20.2	0.5	0.0	0.0	0.0	-11.0	0.0	0
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	76	0.0	125	54.3	0.0	-3.0	11.2	0.1	0.0	0.0	0.0	-4.9	0.0	9
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	250	54.3	0.0	-3.0	14.1	0.2	0.0	0.0	0.0	-8.9	0.0	5
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	84	0.0	500	54.3	0.0	-3.0	17.1	0.3	0.0	0.0	0.0	-10.0	0.0	5
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	83	0.0	1000	54.3	0.0	-3.0	19.9	0.5	0.0	0.0	0.0	-11.0	0.0	0
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	70	0.0	125	58.3	0.0	-3.0	7.8	0.1	0.0	0.0	0.0	-5.0	0.0	2
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	79	0.0	500	58.3	0.0	-3.0	12.4	0.4	0.0	0.0	0.0	-10.0	0.0	1
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	76	0.0	125	59.0	0.0	-3.0	10.5	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	-3.0	13.3	0.3	0.0	0.0	0.0	-9.0	0.0	1
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	84	0.0	500	59.0	0.0	-3.0	16.3	0.5	0.0	0.0	0.0	-10.0	0.0	1
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	76	0.0	125	59.5	0.0	-3.0	9.4	0.1	0.0	0.0	0.0	-5.0	0.0	5
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	79	0.0	250	59.5	0.0	-3.0	11.9	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	-3.0	14.7	0.5	0.0	0.0	0.0	-10.0	0.0	2
S38	HVAC RTU	17652531.6	4787077.3	5.5	0	76	0.0	125	61.4	0.0	-3.0	11.9	0.1	0.0	0.0	0.0	-5.0	0.0	1
S23	HVAC RTU	17652540.9	4787089.3	5.5	0	76	0.0	125	61.7	0.0	-3.0	11.7	0.1	0.0	0.0	0.0	-5.0	0.0	1
S22	HVAC RTU	17652529.8	4787088.9	5.5	0	76	0.0	125	61.7	0.0	-3.0	11.8	0.1	0.0	0.0	0.0	-5.0	0.0	0

Receiver: RP06
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	31

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
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	76	0.0	125	62.6	0.0	-3.1	0.0	0.2	0.0	0.0	0.0	-5.0	0.0	11
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	79	0.0	250	62.6	0.0	-3.1	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	10
S29	HVAC RTU	17652331.9	4786466.0	5.5	0	84	0.0	500	62.6	0.0	-3.1	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	62.6	0.0	-3.1	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	62.6	0.0	-3.1	0.0	3.7	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	63.1	0.0	-3.2	0.0	0.2	0.0	0.0	0.0	-5.0	0.0	11
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	79	0.0	250	63.1	0.0	-3.2	0.0	0.4	0.0	0.0	0.0	-9.0	0.0	10
S30	HVAC RTU	17652300.7	4786464.7	5.5	0	84	0.0	500	63.1	0.0	-3.2	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	-3.2	0.0	1.5	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	63.1	0.0	-3.2	0.0	3.9	0.0	0.0	0.0	-12.0	0.0	3

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	41

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
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	-3.0	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	21
S08	HVAC RTU	17652671.6	4786985.8	5.5	0	84	0.0	250	57.3	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	21
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	87	0.0	500	57.7	0.0	-3.0	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	-3.0	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	23
S11	HVAC RTU	17652661.7	4787001.8	5.5	0	85	0.0	2000	57.7	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	0.2	0.0	0.0	0.0	-8.9	0.0	21
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	87	0.0	500	57.8	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	22
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	89	0.0	1000	57.8	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	23
S35	HVAC RTU	17652724.4	4786956.5	5.5	0	85	0.0	2000	57.8	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	19
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	84	0.0	250	59.0	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	19

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	41

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
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	87	0.0	500	59.0	0.0	-3.0	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	-3.0	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	-3.0	0.0	2.4	0.0	0.0	0.0	-12.0	0.0	15
S34	HVAC RTU	17652772.1	4786953.1	5.5	0	78	0.0	4000	59.0	0.0	-3.0	0.0	8.3	0.0	0.0	0.0	-13.0	0.0	1
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	61	0.0	125	58.3	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	1
S36	HVAC RTU	17652710.3	4786988.4	5.5	0	72	0.0	250	58.3	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	19
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	87	0.0	500	59.5	0.0	-3.0	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	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	21
S05	HVAC RTU	17652774.7	4786972.8	5.5	0	85	0.0	2000	59.5	0.0	-3.0	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	-3.0	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	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	19
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	87	0.0	500	59.6	0.0	-3.0	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	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	21
S06	HVAC RTU	17652777.1	4786972.9	5.5	0	85	0.0	2000	59.6	0.0	-3.0	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	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	17
S33	HVAC RTU	17652765.8	4786957.2	5.5	0	83	0.0	250	59.0	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	14
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

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	41

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
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
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	76	0.0	125	50.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-4.9	0.0	24
S17	HVAC RTU	17652582.9	4786894.7	5.5	0	79	0.0	250	50.0	0.0	-3.0	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	50.0	0.0	-3.0	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	50.0	0.0	-3.0	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	50.0	0.0	-3.0	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	-3.0	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	-3.0	0.0	0.0	0.0	0.0	0.0	-4.9	0.0	24
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	79	0.0	250	50.3	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-8.9	0.0	23
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	84	0.0	500	50.3	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-10.0	0.0	27
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	83	0.0	1000	50.3	0.0	-3.0	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	-3.0	0.0	0.9	0.0	0.0	0.0	-12.0	0.0	19
S16	HVAC RTU	17652589.2	4786896.6	5.5	0	73	0.0	4000	50.3	0.0	-3.0	0.0	3.0	0.0	0.0	0.0	-13.0	0.0	10
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	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	15
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	79	0.0	250	56.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-9.0	0.0	17
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	83	0.0	500	56.7	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	19
S01	HVAC RTU	17652754.0	4786849.6	8.0	0	82	0.0	1000	56.7	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-11.0	0.0	17

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	41

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	-3.0	0.0	1.9	0.0	0.0	0.0	-12.0	0.0	14
S01	HVAC RTU	17652754.0	4786849.6	8.0	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
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	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	14
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	79	0.0	250	57.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-9.0	0.0	16
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	83	0.0	500	57.7	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	18
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	82	0.0	1000	57.7	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-11.0	0.0	16
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	81	0.0	2000	57.7	0.0	-3.0	0.0	2.1	0.0	0.0	0.0	-12.0	0.0	12
S02	HVAC RTU	17652778.2	4786850.1	8.0	0	78	0.0	4000	57.7	0.0	-3.0	0.0	7.1	0.0	0.0	0.0	-13.0	0.0	3
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	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	13
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	79	0.0	250	59.1	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-9.0	0.0	14
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	83	0.0	500	59.1	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	16
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	82	0.0	1000	59.1	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-11.0	0.0	14
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	81	0.0	2000	59.1	0.0	-3.0	0.0	2.4	0.0	0.0	0.0	-12.0	0.0	11
S03	HVAC RTU	17652813.6	4786860.2	8.0	0	78	0.0	4000	59.1	0.0	-3.0	0.0	8.3	0.0	0.0	0.0	-13.0	0.0	1
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	-3.0	0.0	0.1	0.0	0.0	0.0	-5.0	0.0	12
S04	HVAC RTU	17652837.9	4786861.4	8.0	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
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	83	0.0	500	59.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-10.0	0.0	15
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	82	0.0	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	13
S04	HVAC RTU	17652837.9	4786861.4	8.0	0	81	0.0	2000	59.9	0.0	-3.0	0.0	2.7	0.0	0.0	0.0	-12.0	0.0	10
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	-3.0	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	11
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	72	0.0	250	57.0	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	1.9	0.0	0.0	0.0	-12.0	0.0	7
S37	HVAC RTU	17652713.2	4786942.6	5.5	0	74	0.0	4000	57.0	0.0	-3.0	0.0	6.6	0.0	0.0	0.0	-13.0	0.0	1
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	76	0.0	125	57.0	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-4.9	0.0	17
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	79	0.0	250	57.0	0.0	-3.0	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	-3.0	0.0	0.4	0.0	0.0	0.0	-10.0	0.0	20
S12	HVAC RTU	17652620.9	4786998.7	5.5	0	83	0.0	1000	57.0	0.0	-3.0	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	-3.0	0.0	1.9	0.0	0.0	0.0	-12.0	0.0	11
S09	HVAC RTU	17652676.8	4786999.6	5.5	0	76	0.0	125	57.9	0.0	-3.0	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	-3.0	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	-3.0	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	-3.0	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	-3.0	0.0	2.1	0.0	0.0	0.0	-12.0	0.0	10
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

Receiver: RP07
1544 & 1546 Four Mile Creek Rd, Niagara-on-
Project: the-Lake
Project Number: 25253

Time Period	Total (dBA)
Day	41

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
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
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