aercoustics

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NOISE IMPACT STUDY – **Project: 21446.01**

Port Hope Proposed Residential Development

Port Hope, Ontario

Prepared for:

Wellings 2019 Inc.
2962 Carp Road
Carp, Ontario K0A 1L0

Prepared by:

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May 10, 2022

Revision History

Version	Description	Author	Reviewed	Date
1	Initial Report	DSF, KC	DF	May 10, 2022

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1 Introduction

Wellings 2019 Inc. (Wellings) has retained Aercoustics Engineering Limited (Aercoustics) to prepare a Noise Impact Study (NIS) for the proposed residential development located at 20 Jocelyn Street, Port Hope, Ontario.

The purpose of this study is to examine the existing and future noise environment in the surrounding area and evaluate its impact potential on the expected noise sensitive receptors in the proposed development. The noise impact of the proposed development on existing receptors has also been considered. Finally, this study also investigates the noise controls required for the development in order to abide by the noise guidelines of Ontario's Ministry of the Environment, Conservation and Parks (MECP). This report considered the MECP guideline NPC-300 "Stationary and Transportation Sources – Approval and Planning" (August 2013).

The proposed development will consist of a 4-storey residential tower, located along Henderson Street, and 11 townhouse blocks, 1-storey each. The adjacent land-uses include existing residential dwellings in the southeast and northwest directions, commercial facilities to the south and west and industrial use to the north.

Figure 1 provides a key plan showing the proposed development location including critical road noise sensitive receptors. Figure 2 shows the stationary noise sources considered in this study, and Figure 3 to Figure 4 show the impact on the development and from the development at stationary noise sensitive receptors.

This report is based on the following information:

- Site Plans prepared by Nautical Lands Group, dated February 2021,
- Road traffic information provided by the Municipality of Port Hope; and,
- Highway 401 road traffic information provided by Ontario's Ministry of Transportation.

This site is not affected by vibration, aircraft traffic, or rail traffic.

2 Guidelines and Criteria

2.1 Transportation Noise – Outdoor Living Area (OLA)

MECP guidelines recommend that equivalent noise levels (L_{eq}-16hr) in outdoor living areas should not exceed 55 dBA. If it is not technically, economically, or administratively feasible to achieve a level of 55 dBA, predicted noise levels between 55 dBA and 60 dBA may be acceptable provided that the future occupants of the building are made aware of the potential noise problems through appropriate warning clauses. Noise levels above 60 dBA are generally not acceptable and will warrant noise control measures.

All unenclosed balconies that are less than 4 m in depth and outside the exterior of the building façade are exempt from meeting the MECP outdoor noise criteria with regards to transportation noise sources. Should the depth of the future balconies and terraces be greater than 4 m, they will be subject to the MECP noise level limit of 55 dBA.

2.2 Transportation Noise – Indoor Living Spaces

Indoor noise levels due to road traffic were also examined with respect to the MECP guidelines. Bedrooms are required to meet an indoor noise level (L_{eq}-8hr) of 40 dBA from road traffic during nighttime hours. The indoor daytime noise level (L_{eq}-16hr) due to road traffic should not exceed 45 dBA for living or dining rooms. Lounges, lobbies, retail or general office spaces should meet the indoor noise level of 50 dBA from road traffic. In order to achieve these levels, the MECP guidelines provide a basis for the types of windows, exterior walls, and doors that will be required based on projected outdoor noise levels.

The MECP also requires that a central air conditioning system be installed for dwellings when the daytime or nighttime outdoor transportation noise levels at the façade of the dwelling are above 65 dBA or 60 dBA, respectively. The provision for the future installation of central air conditioning must be made if:

- the nighttime sound level is greater than 50 dBA and less than or equal to 60 dBA on the outside face of a bedroom window;
- the daytime sound level is greater than 55 dBA and less than or equal to 65 dBA on the outside face of a bedroom window; or
- the daytime sound level is greater than 55 dBA and less than or equal to 65 dBA on the outside face of a living/dining room window.

This provision involves a ducted heating system sized to accommodate the addition of central air conditioning by the occupant.

The required limits as per NPC-300 are summarized in Table 1.

Table 1: Indoor Sound Level Limits for Road Traffic

Type of Space	Time Period	Maximum L_{eq} (dBA) Road Traffic
Living/dining, den areas of residences, hospitals, nursing homes, schools, day-care centres (Indoor)	07:00 – 23:00	45 dBA
Living/dining, den areas of residences, hospitals, nursing homes (Indoor)	23:00 – 07:00	45 dBA
Sleeping quarters (Indoor)	07:00 – 23:00	45 dBA
	23:00 – 07:00	40 dBA
Outdoor Living Areas (OLA)	07:00 – 23:00	55 dBA

2.3 Stationary Noise Sources

The noise level limits pertaining to stationary noise sources have been established based on the MECP publication NPC-300. For sound from a stationary source, the sound level limit at a point of reception, expressed in terms of the one-hour equivalent sound level (L_{eq}-1hr), is the higher of the applicable exclusion limit value given in Table 2, or the background sound level for that point of reception.

The proposed development is considered an MECP Class 1 area. In a Class 1 area, the background sound levels during the daytime (07:00 to 19:00), evening time (19:00-23:00), and nighttime (23:00-07:00) are dominated by the activities of people, usually road traffic, often referred to as “urban hum”. Road traffic on Highway 401, Highway 2 and Jocelyn Street is expected to be the dominant source of background noise in the area.

Table 2: Noise Exclusion Limits – Stationary Noise Sources – Class 1

Time of Day	Sound Level Exclusion Limit Class 1 Area *	
	Outdoor Points of Reception	Plane of Window of Noise Sensitive Spaces
Day (07:00 to 19:00)	50 dBA	50 dBA
Evening (19:00 to 23:00)	50 dBA	50 dBA
Night (23:00 to 07:00)	-	45 dBA

*or the minimum existing hourly background sound level L_{eq}, whichever is higher.

For conservatism and simplicity the exclusion limits were applied at all receptors, however some receptors may experience increased sound levels resulting from traffic noise, particularly those with exposure to Highway 401.

The outdoor sound level limits for stationary sources apply only to daytime and evening hours while sound level limits apply at all times for the Plane of Window of a noise sensitive space. In general, outdoor points of reception will be protected during the nighttime as a

consequence of meeting the sound level limits at the adjacent Plane of Window of noise sensitive spaces. The sound level limits listed in Table 2 for an outdoor point of reception define the point of reception as any area in the development that is amenable for use by residents. The sound level limit is also valid for a point of reception location at the centre of the plane of a residential window.

3 Noise Level Predictions

3.1 Road Traffic Noise Calculation Procedure

The proposed site is considered an MECP Class 1 area due to existing road traffic and surrounding developments. The dominant road traffic noise sources in the subject study area include Jocelyn Street, Highway 2 and Highway 401. Henderson Street and Pemberton Drive were considered acoustically insignificant.

Noise level calculations were performed in accordance with the MECP guidelines and by the guidelines of the Ontario Road Noise Analysis Method for Environment and Transportation (ORNAMENT). Sample copies of the traffic noise predictions from MECP's Road and Rail Traffic Noise Prediction Model STAMSON (Version 5.04) are included in Appendix B.

The equivalent sound levels (L_{eq}) due to road traffic were calculated at worst-case noise sensitive residential receptors in the proposed development. Calculations were performed for both daytime and nighttime conditions at receiver heights representing the worst-case residential storey. Noise levels were also predicted at critical outdoor living areas (OLAs) throughout the development. The latest preliminary Site Plan identifies two at-grade outdoor patios located on the west side of the apartment building. It is also anticipated that private yards will be provided to the rear of each townhouse. Refer to Appendix A for the Site Plan showing the location of the outdoor living areas.

3.1.1 Road Traffic Data

Road traffic noise predictions were based on the road traffic data outlined in Table 3. The road traffic volume-counts and truck percentages for Jocelyn Street and Highway 2 were obtained from the Municipality of Port Hope, and road traffic data for Highway 401 was provided by the Ontario Ministry of Transportation. This data was provided to the most recent time frame available and traffic volumes were projected out to 10 years from occupation using an assumed growth rate of 2%. Copies of the correspondence and received data are included in Appendix B.

Table 3: Most Recent Road Traffic Volumes

	Jocelyn Street	Highway 2	Highway 401
24-hour Volumes (AADT)	6000	6000	54000
No. of Lanes	2	2	6
Day/Night Split (%)	90/10*	90/10*	90/10*
Medium/Heavy Split (%)	2.5/2.5*	2.5/2.5*	2.5/2.5*
Posted Speed (km/hr)	50	80	100

* assumed value

3.2 Stationary Noise Sources

3.2.1 Impact of Surroundings on Proposed Development

The surrounding commercial and industrial lands to the north, south, and west were the dominant stationary noise sources in the area. Mechanical equipment from these facilities was modelled based on Aercoustics' measurement library and were selected based on the review of aerial imagery as well as consideration of similar operations elsewhere. A summary of stationary noise sources with their respective sound power levels is included in Appendix C.

3.2.2 Impact of Proposed Development on Surroundings and on Itself

At this stage in the design of the proposed development, there is currently insufficient information available on mechanical equipment and stationary sources to quantify the as-built impact of the development on its surroundings. Accordingly, calculations to quantify this impact were made based on assumed power levels corresponding to four 10-ton rooftop HVAC units.

Detailed calculations may be made as more information becomes available if desired. If it is determined in future analysis that mitigation is required, this mitigation will be achieved at the source in the form of local barriers, silencers or enclosures.

4 Noise Level Calculations

4.1 Road Traffic Noise

Table 4 lists the daytime and nighttime L_{eq}'s due to road traffic as predicted at noise sensitive locations within the development, labelled as plane of window receptors C01 to C03, and sample rear yard receptor OLA, as indicated in Figure 1. The impact from traffic noise is considered insignificant at the outdoor patios and private yards to the north due to shielding from the surrounding roads provided by the development itself and other facilities.

Table 4: Calculated Unmitigated Noise Levels Due to Road Traffic

Calculation Location (Figure 1)	Receptor Height (m)	Description	Street	Distance (m)	L_{eq} (dBA)	
					Day	Night
C01	10.5	Residential tower 4th floor north façade	Highway 401	435	57	51
			Highway 2	310		
C02	10.5	Residential tower 4th floor south façade	Jocelyn Street	250	47	40
			Highway 2	265		
C03	1.5	Northwest townhouse façade	Highway 2	270	52	45
			Highway 401	400		
OLA	1.5	Northwest townhouse rear yard	Highway 2	265	52	-
			Highway 401	400		

The noise levels listed in Table 4 above were used to determine the window glazing as well as exterior wall requirements for each designated point of reception.

4.2 Stationary Noise Sources Impact on the Proposed Development

The stationary noise source prediction model was generated using Datakustik's CadnaA Noise Prediction Software. This model is based on established noise prediction methods outlined in the ISO 9613-2 standard "Acoustic – Attenuation of sound during propagation outdoors – Part 2: General method and calculation". Noise levels were predicted using generally flat topography under conditions of downwind propagation, generally with hard ground in paved areas, and soft ground conditions elsewhere.

As mentioned in Section 3.2, the commercial facilities' noise sources were modelled as typical rooftop mechanical equipment based on manufacturer's data of similar units in the Aercoustics database. Any assumed equipment levels were generally conservative and actual levels are not expected to alter the conclusions of this study. Section 4.2.1 provides details regarding the modelled predictable worst-case hour operation.

4.2.1 Predictable Worst-Case Operation

Noise level predictions were carried out based on operations corresponding to a worst-case hour of operation for the nearby commercial stores. Modelled operations were based on conversations with facility managers, on-site observations from a site visit on February 1, 2022, and Aercoustics' experience assessing similar operations. The worst-case operations for key facilities is outlined below.

Davis' Independent Grocer

The current hours of operation of the Davis' Your Independent Grocer food store are the daytime and evening hours of 08:00 to 21:00, however mechanical and electrical equipment may occur outside that time.

It is assumed that loading and shipping operations only take place during daytime hours, based on a telephone conversation with the manager of the Davis' Your Independent Grocer food store. It is further understood that the air conditioning equipment associated with refrigerated deliveries will produce noise during loading and unloading activities.

The delivery details included in Table 5 reflect deliveries from full-sized trailers to the Davis' Your Independent Grocer food store. A higher volume of deliveries from smaller vehicles may occur in a given hour. Nonetheless, the noise impact from the larger deliveries is expected to be dominant and the higher associated sound power has been accounted for accordingly.

Table 5: Delivery Summary Davis' Your Independent Grocer – Worst-Case Hour

Time Period	Refrigerated Deliveries*	Regular Deliveries*
Daytime (07:00 – 23:00)	2	2
Nighttime (23:00 – 07:00)	0	0

*Vehicle counts reflect full-sized trailers

It is understood that the deliveries and loading activities for the future Shoppers Drug Mart extension will take place in a separate loading bay location, immediately north of the Davis' Your Independent Grocer loading bay. Similar to the food store, it is assumed that loading and shipping operations only take place during daytime hours. The delivery details included in Table 6 reflect anticipated worst-case deliveries from full-sized trailers to the Shoppers Drug Mart.

Table 6: Delivery Summary Future Shoppers Drug Mart - Worst-Case Hour

Time Period	Refrigerated Deliveries*	Regular Deliveries*
Daytime (07:00 – 23:00)	1	1
Nighttime (23:00 – 07:00)	0	0

*Vehicle counts reflect full-sized trailers

Based on discussions with the facility engineering staff, assumptions for rooftop nighttime duty cycles were made. The refrigeration condensers were assumed to operate at a 75% duty cycle during nighttime hours. The compressor room intake and exhaust fans were assumed to operate at a 100% duty cycle at all times. A 50% nighttime duty cycle was assumed for the mechanical HVAC rooftop units. The garbage compactors were assumed to operate for 10 minutes at a time during daytime and evening hours. Similar assumptions for rooftop HVAC duty cycles have been made for the Shoppers Drug Mart extension, as well as other commercial stores and industrial facilities considered in this study.

Gilmer's Home Hardware

The hours of operation of Gilmer's Home Hardware are understood to be 07:30 to 18:00 Monday through Sunday. Based on conversations with the manager of Gilmer's Home Hardware located southwest of the development, operations that may produce noise were identified including delivery of materials to the loading bay as well as operation of forklifts in the open storage area to the northwest of the store. The truck delivery details included in Table 7 reflect estimated worst-case deliveries from full-sized trailers to the Gilmer's Home Hardware store. It is understood that idling does not occur in the loading bay, and loading and shipping operations only take place during daytime hours. Additional sources of noise include up to two simultaneous forklift operations in the storage area north of Gilmer's Home Hardware.

Table 7: Delivery Summary Home Hardware - Worst-Case Hour

Time Period	Refrigerated Deliveries	Regular Deliveries*
Daytime (07:00 – 23:00)	0	2
Nighttime (23:00 – 07:00)	0	0

*Vehicle counts reflect full-sized trailers

Trade Tech Industries

Located to the north of the proposed development, Trade Tech Industries produces steel construction and building materials. Based on conversations with the facility manager as well as on-site observations by Aercoustics' staff, noise-producing operations are understood to be limited to operation of rooftop mechanical equipment and operation of forklifts in the yard to the north.

Port Hope Police Station

Port Hope Police Station, located northwest of the development, was also consulted to identify operations that may produce noise. It is understood that on some days, inspections of police cruisers may occur in the morning, which involves testing sirens for a total duration of less than 3 minutes. Due to the significant distance and shielding between the police station and the development, the short duration of the sound, and predicted traffic noise, the noise impact from the Port Hope Police Station vehicle inspections is considered acoustically insignificant.

Sigus Heavy Machinery

Located to the immediate east of Trade Tech industries, Sigus Heavy Machinery is currently constructing a manufacturing facility for heavy machinery and vehicles. Based on conversations with the facility owner, operations are expected to be similar to those observed at Trade Tech Industries. It is understood that stamping will not occur, manufacturing operations will occur only inside, and a standby generator is not planned.

There are two large bay doors on the structure which face north, towards the highway. Accordingly, the worst-case operation of Sigus Heavy Machinery is understood to be limited to rooftop mechanical equipment.

Hampton Inn

A four-storey hotel has been constructed to the immediate north of the proposed development, between the development and Trade Tech Industries. The worst-case operations of the hotel are understood to be limited to a large rooftop mechanical unit, which was modelled based on Aercoustics' measurement library for similar hotel air-handling equipment.

Commercial Plaza Operations

The commercial plaza to the immediate west of the development contains several food stores and a Tim Hortons with a drive-thru. Worst-case operations for these stores were based on Aercoustics' experience modelling similar commercial operations.

For the commercial and industrial operations considered in this study, this worst-case operation includes:

- Operations as described in Section 4.2.1;
- Delivery, loading, and unloading operations per Table 5 and Table 7; and
- Air-handling equipment Sound Power Levels per Appendix C.

Table 8 below shows the results of the unmitigated noise predictions on the future residential receptors based on the conceptual site plan with the existing operations. Daytime and nighttime noise contours resulting from stationary noise sources on the surrounding developments are shown in Figure 3.

Table 8: Unmitigated predicted stationary noise impact at the development's critical receptor locations

Receptor	Daytime Sound Level (dBA)			Night-time Sound Level (dBA)		
	Predicted	Limit	Exceedance	Predicted	Limit	Exceedance
R01	48	50	NO	40	45	NO
R02	50	50	NO	40	45	NO
R03	48	50	NO	42	45	NO
R04	44	50	NO	38	45	NO
R05	45	50	NO	40	45	NO
R06	44	50	NO	41	45	NO
R07	45	50	NO	42	45	NO

4.3 Stationary Noise Sources Impact on the Proposed Development's Surroundings and on Itself

Calculations to quantify the impact of the proposed development on its surroundings were performed as mentioned in Section 4.2 above. Based on visual inspection, it is determined that the hotel located north of the proposed development has inoperable windows. NPC-300 guidelines state that inoperable windows are not considered as points of reception and are not subject to sound level limits, therefore, the impact on the hotel due to the proposed development is not included. Table 9 below shows the results of the unmitigated noise predictions on the development's residential receptors and on surrounding residential receptors. Daytime noise contours resulting from stationary noise sources on the development is shown in Figure 4.

Table 9: Unmitigated predicted stationary noise impact at surrounding critical receptor locations

Receptor	Daytime Sound Level (dBA)			Night-time Sound Level (dBA)		
	Predicted	Limit	Exceedance	Predicted	Limit	Exceedance
R08	36	50	NO	33	45	NO
R09	35	50	NO	32	45	NO
R10	35	50	NO	32	45	NO
R11	37	50	NO	34	45	NO
R12	37	50	NO	34	45	NO

5 Noise Control Recommendations

5.1 Transportation Noise - Outdoor Living Areas

The outdoor points of reception at the patio spaces and private yards to the north do not have direct exposure to the surrounding roads, and the private yards to the west are expected to have sound level limits below the threshold; therefore, no noise mitigation measures are required to address outdoor living areas' transportation noise.

5.2 Transportation Noise – Indoor Living Spaces

5.2.1 Building Façade

Indoor sound levels were examined with respect to MECP guidelines as summarized in Section 4 of this report. The predicted road traffic noise levels for plane of window receptors C01 to C03 are shown in Table 4. Standard exterior wall and window components that meet the requirements of the Ontario Building Code (OBC) are expected to be sufficient for meeting the indoor sound level limits.

5.2.2 Air Conditioning

The daytime and nighttime road traffic noise levels as currently predicted dictate that dwellings with direct sight lines to Highway 401, as represented by C01, should be

designed with a provision for the future installation of air conditioning at the occupant's discretion.

Where the provision for the future installation of air conditioning is ultimately required, warning clause Type C as shown in Section 7 should be included in all purchase, sale and lease agreements. To comply with MECP guidelines, the sound level of air conditioning devices should not exceed 40 dBA in the spaces served and the installation should meet the recommendations shown in Table 6 of the MECP publication 'Environmental Guidelines for Installation of Residential Air Conditioning Devices'.

In the case of the apartment building, it is anticipated that central air conditioning will be provided to all units as is common for this type of development. In this case, warning clause Type C may be replaced with Type D.

5.3 Stationary Noise Sources

As demonstrated in Table 8, the noise impact associated with the existing worst-case operations have been predicted to be within the sound level limits at all receptors. It is understood that currently no truck delivery, loading, or idling activities take place during nighttime hours (23:00 to 7:00). However, future operation may include activities during these hours which could result in predicted noise levels that exceed the applicable sound level limits. The following section presents the noise control recommendations to achieve a predicted noise impact below the sound level limits.

The following noise controls are recommended:

1. No truck engines, truck-mounted refrigeration units or seasonal refrigerated containers are permitted to idle near any loading area having exposure to the proposed development during nighttime hours (23:00 to 7:00).

2. Refrigerated or regular truck deliveries to the Davis' Your Independent Grocer food store, future Shoppers Drug Mart extension, and Gilmer's Home Hardware are not permitted during nighttime hours (23:00 to 7:00).

6 Conclusions

Wellings 2019 Inc. has retained the services of Aercoustics Engineering Limited to prepare a Noise Impact Study for the proposed residential development located in Port Hope, Ontario, in order to assess the noise impact from the existing surrounding commercial dwellings, including the adjacent commercial plaza and industrial uses to the north.

The results of the transportation noise study indicate that use of building materials in accordance with the Ontario Building Code should mitigate the noise impact from transportation sources to levels which comply with MECP guidelines for indoor sound levels.

The noise impact from the neighbouring stationary noise sources around the proposed development are predicted to satisfy the applicable stationary noise limits with the incorporation of the noise controls discussed in Section 5 of this report. The noise impact of the proposed development on its surroundings is expected to fall below the applicable sound level limits; if desired, additional analysis may be undertaken when mechanical equipment selections have been made.

As indicated in the MECP implementation guidelines, where mitigation is required or where noise may be a concern, future occupants will be advised through warning clauses. Notes and sample wording for the warning clauses is provided in Section 7 of this report.

7 Warning Clauses

Purchase, rental and lease agreements for all units in the proposed residential buildings are recommended to include the following warning clauses:

Warning Clause Type A:

"Purchasers/tenants are advised that sound levels due to increasing road traffic from Highway 401, Highway 2 and Jocelyn Street may occasionally interfere with some activities of the dwelling occupants as the sound levels may exceed the sound level limits of the Municipality and the Ministry of the Environment."

Warning Clause Type C:

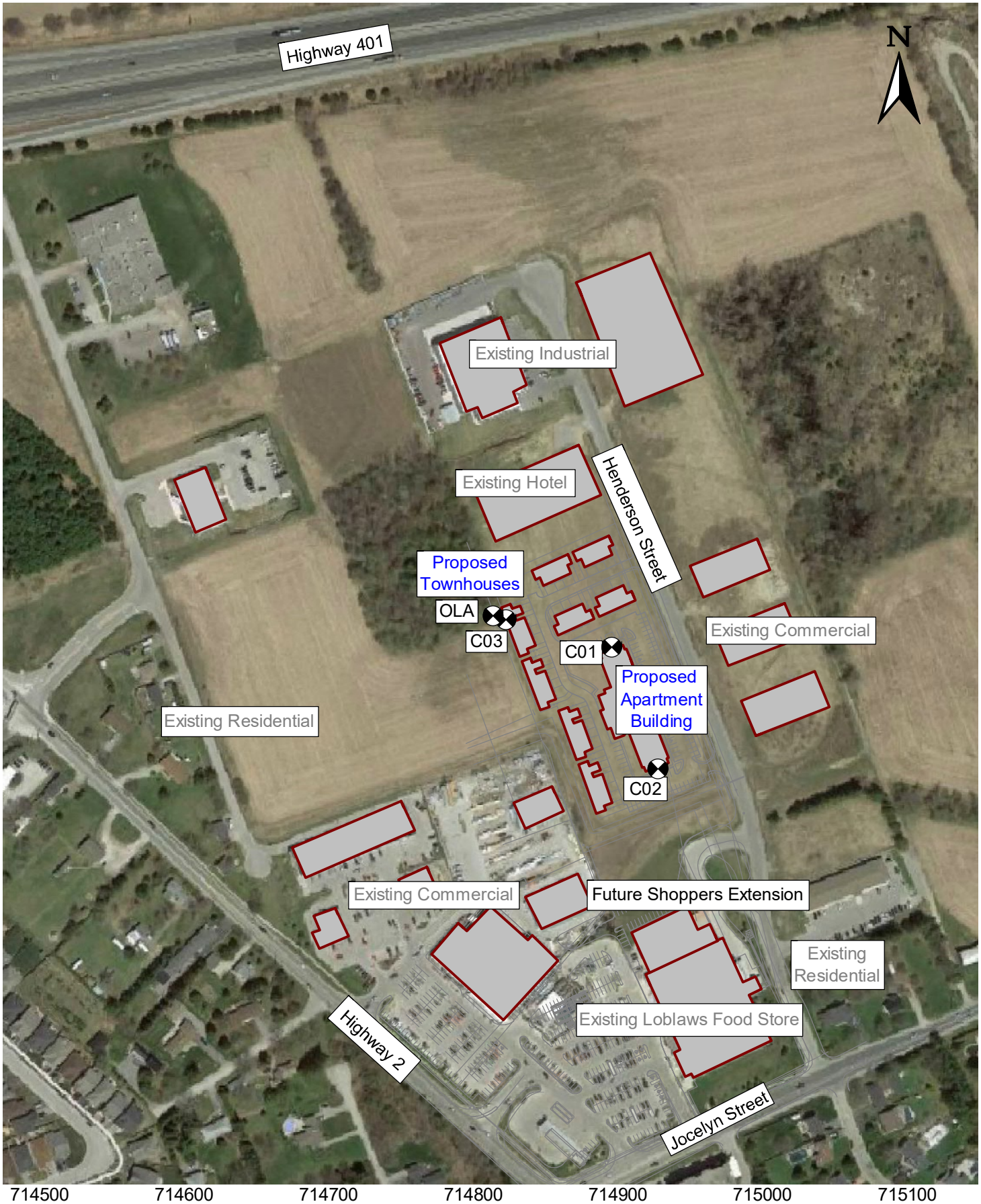
"This dwelling unit has been designed with the provision for adding central air conditioning at the occupant's discretion. Installation of central air conditioning by the occupant in low and medium density developments will allow windows and exterior doors to remain closed, thereby ensuring that the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

Warning Clause Type D:

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

Warning Clause Type E:

"*Purchasers/tenants are advised that sound levels due to the development's close proximity to various commercial and industrial developments such as the Davis' Your Independent Grocer food store, Shoppers Drug Mart, Gilmer's Home Hardware, or Sigus Heavy Machinery may at times be audible*."



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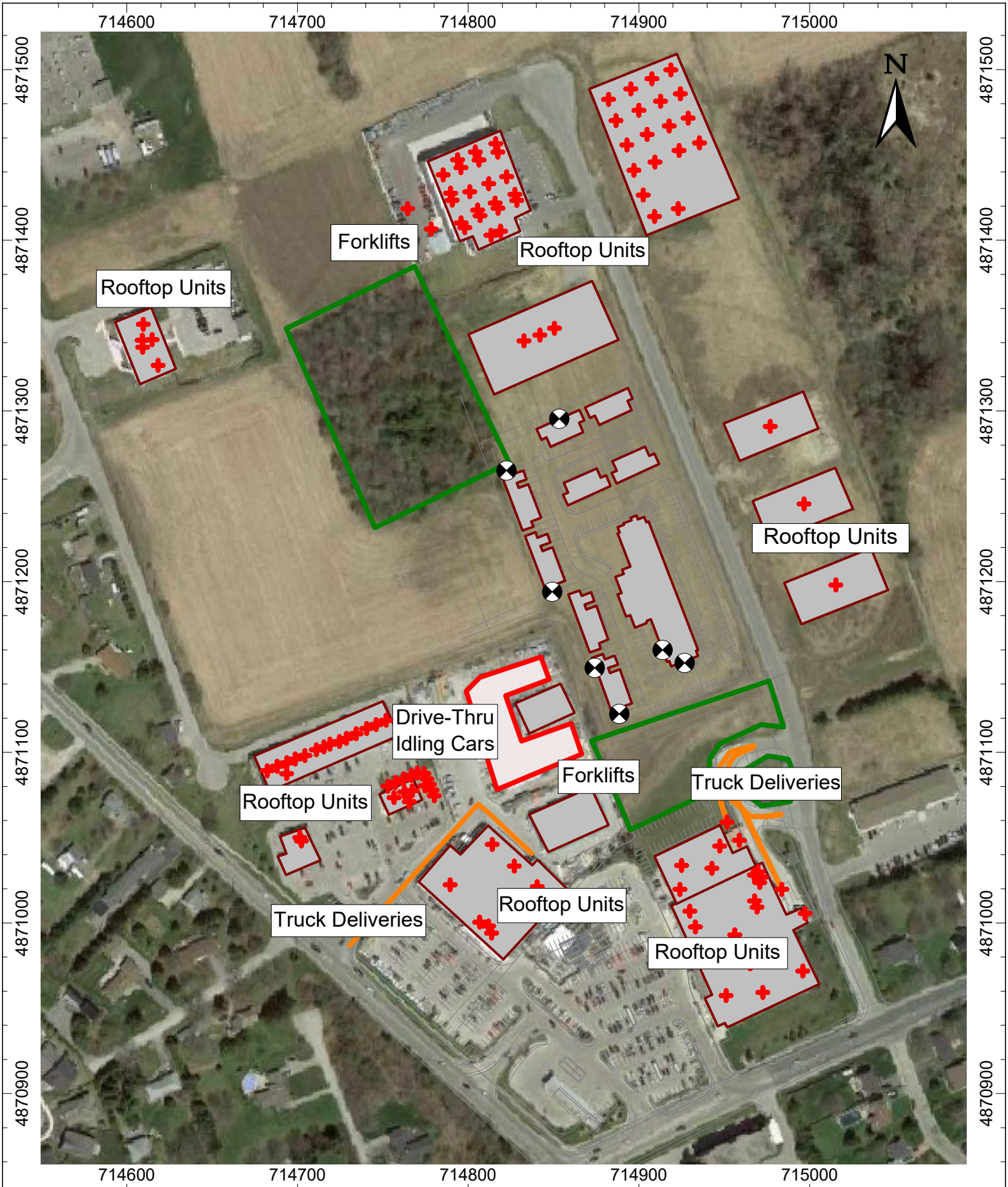
Project ID: 21446.01	**Project Name**
Scale: As Indicated Drawn by: DSF Reviewed by: KC Date: May 10, 2022 Revision: 1	Port Hope Proposed Residential Development - Noise Impact Study
	Figure Title Site Plan, Proposed Development Location and Road Noise Sensitive Receptors Location
	Figure 1



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Drawn by: DSF
Reviewed by: KC
Date: May 10, 2022
Revision: 1

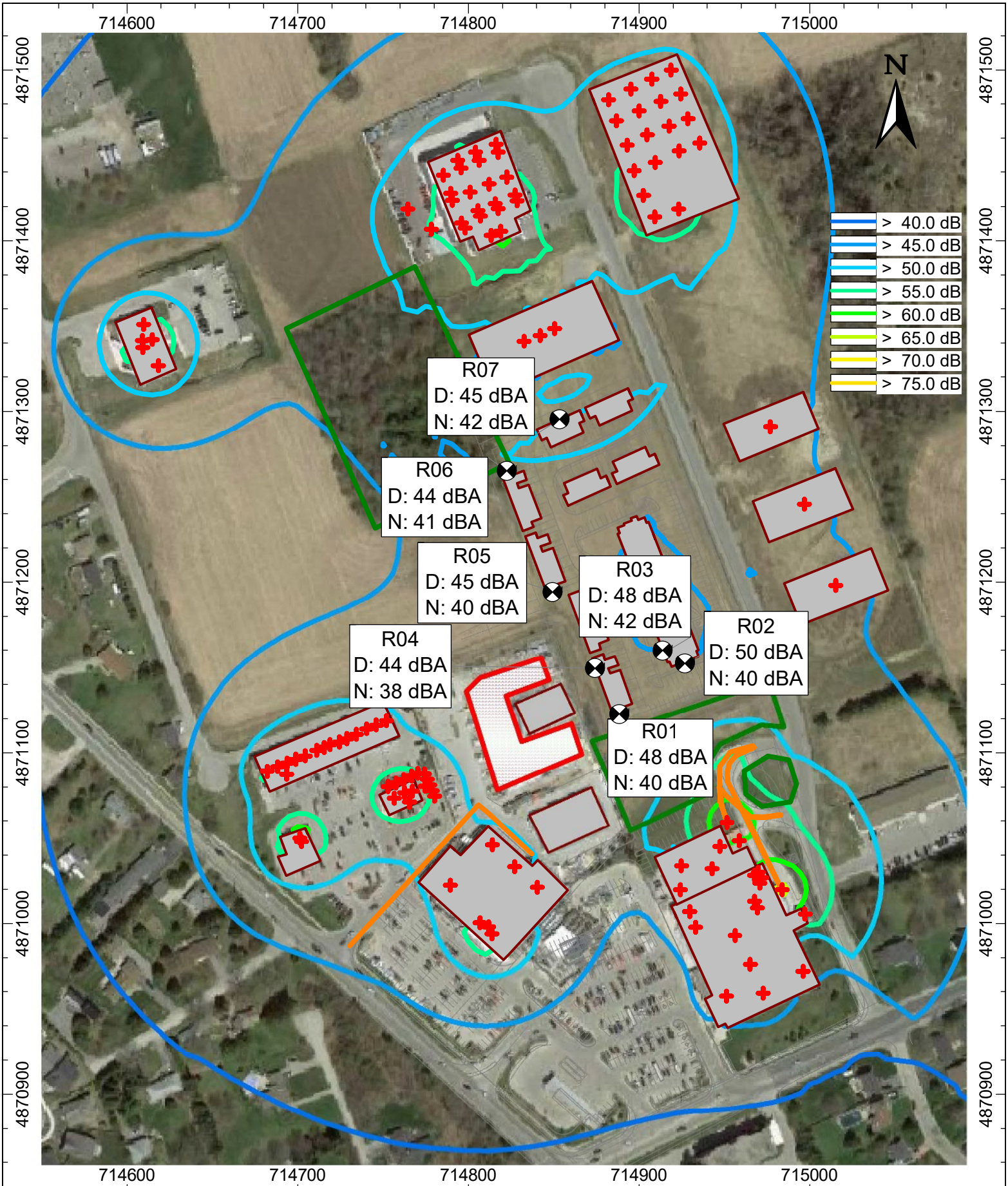
Project Name

Port Hope Proposed Residential Development - Noise Impact Study

Figure Title

Location of Stationary Noise Sources Surrounding the Proposed Development

Figure 2



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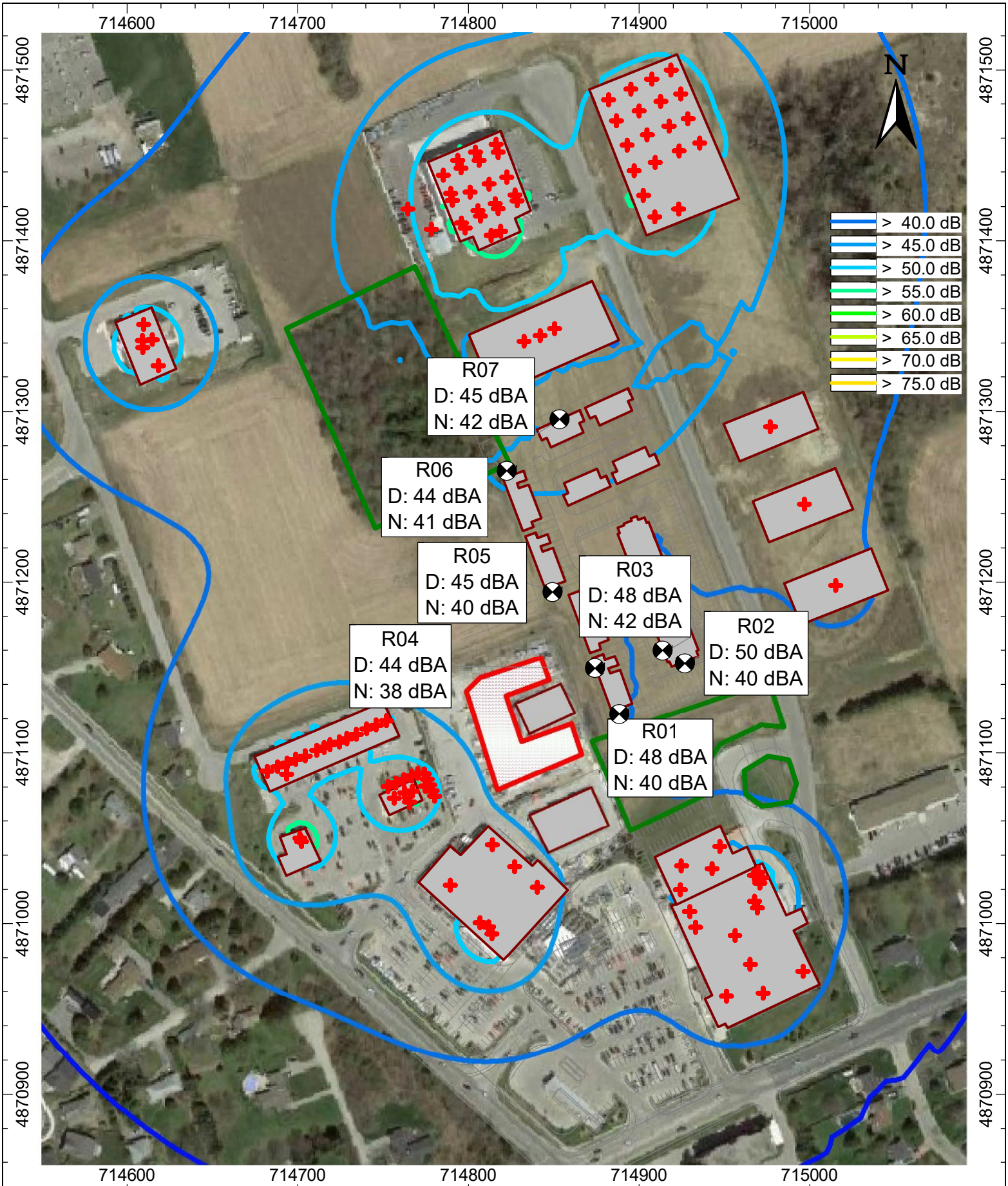
Port Hope Proposed Residential Development - Noise Impact Study

Figure Title

Daytime Noise Impact Contours at Height of 10.5 m (Unmitigated)

Figure 3a



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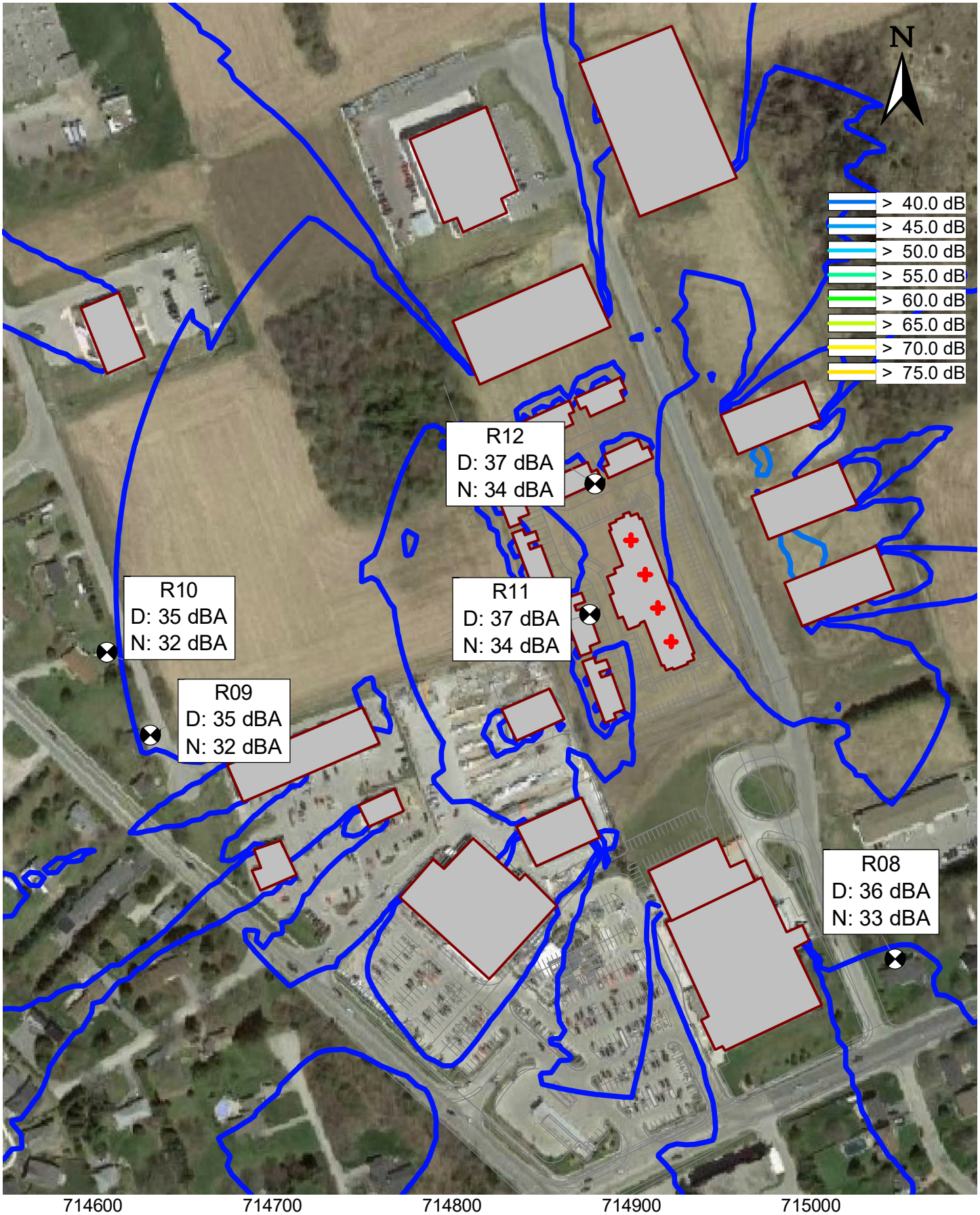
Port Hope Proposed Residential Development - Noise Impact Study

Figure Title

Nighttime Noise Impact Contours at Height of 10.5 m (Unmitigated)

Figure 3b



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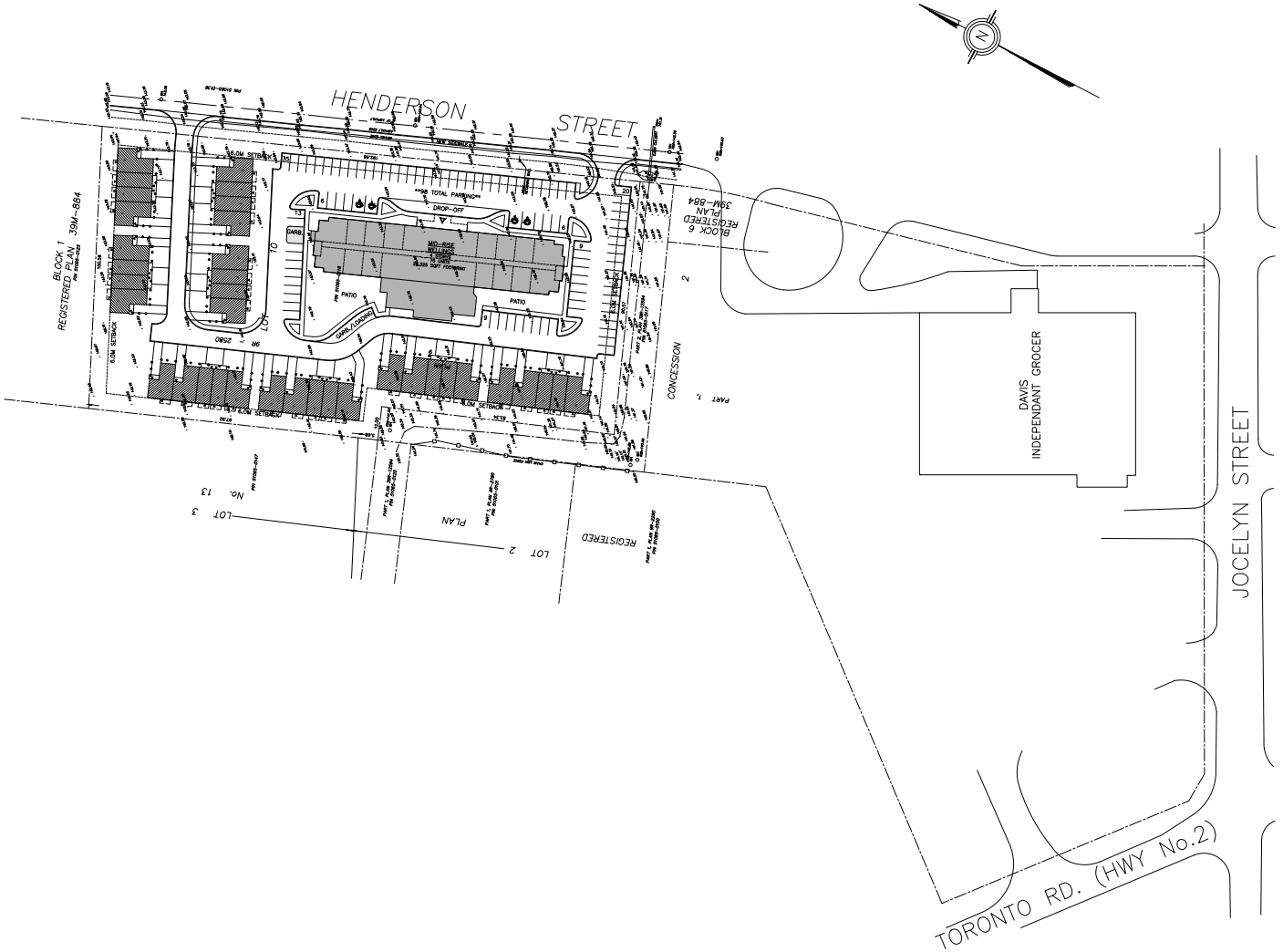
Port Hope Proposed Residential Development - Noise Impact Study

Figure Title

Impact on Surroundings - Daytime Noise Contours at Height of 1.5 m

Figure 4

Appendix A
Site Plan & Drawings



SITE INFO:

TOTAL LAND AREA = 18,218 SQM (4.5 AC)
TOTAL LOT COVERAGE = 27%

5 TOWNHOUSE UNIT BLOCK COUNT: = 4
(8.8% LOT COVERAGE)
- BLOCK AREA = 402 SQM
- 2 BEDROOM UNITS = 12
- 1 BEDROOM UNITS = 8

TOTAL = 20

6 TOWNHOUSE UNIT BLOCK COUNT: = 0
(0% LOT COVERAGE)
- BLOCK AREA = 445 SQM
- 2 BEDROOM UNITS = 0
- 1 BEDROOM UNITS = 0

TOTAL = 0

4 TOWNHOUSE UNIT BLOCK COUNT: = 4
(6.8% LOT COVERAGE)
- BLOCK AREA = 312 SQM
- 2 BEDROOM UNITS = 8
- 1 BEDROOM UNITS = 8

TOTAL = 16

TOTAL TOWNHOUSE UNIT COUNT = 36
(TOTAL TOWNHOUSE LOT COVERAGE = 15.6%)

TOWNHOUSE UNIT BREAK-DOWN:
1) 20 TWO BEDROOM UNITS (55%)
2) 16 ONE BEDROOM UNITS (45%)

MID-RISE BUILDING INFO:
- BLDG AREA = 2,074 SQM
- LOT COVERAGE = 11.4%
- 4 STOREY
- UNIT MIX:

-- 2 BEDRM UNITS = 40 (52%)
-- 1 BEDROOM UNITS = 35 (48%)

TOTAL UNIT COUNT = 75

Wellings

DEVELOPER INFORMATION:
NLGC Inc.
2962 Carp Road, Ottawa, ON., K0A 1L0

OWNER INFORMATION:

ARCHITECT'S INFORMATION:

REVISIONS		
1	ISSUED FOR CONCEPTUAL REVIEW	FEB12'21
2	ADJUSTED PER SURVEY	AUG5'21
3		
4		
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PROJECT: WELLINGS OF PORT HOPE

DRAWING: CONCEPTUAL SITE PLAN

ISSUE DATE: FEB2021
SCALE: 1:750
DRAWN BY: M.W.
PROJECT NO.: 1926

DRAWING NO.: A101

Appendix B
Road Traffic Data & Sample Calculations

Ontario

Ministry of Transportation

TVIS II - Traffic Volume information System

ICS Weekly Volume Summary

Hwy:	401	**Between:**	NORTHUMBERLAND CTY RD 28 - ONTARIO ST- IC-464
TS:	310	**and:**	NORTHUMBERLAND CTY RD 2 - TORONTO RD IC-461
Regn:	EASTERN	**Pattern:**	CTR
PDCS:	09	**Factor:**	0.82
LHRS:	47540	**Offset:**	1.040
Locn:	1.040 KM W OF NORTHUMBERLAND CTY RD 28 - ONTARIO ST- IC-464		
Dir:	E	**Lanes:**	3
Speed:	100 km/h	**Dates:**	14-Aug-2016 to 21-Aug-2016

	Sun		Mon		Tue		Wed		Thu		Fri		Sat		Sun	
H. Interval	**08/14**		**08/15**	**Pk.**	**08/16**	**Pk.**	**08/17**	**Pk.**	**08/18**	**Pk.**	**08/19**	**Pk.**	**08/20**	**Pk.**	**08/21**	**Pk.**
00:00-01:00			378		400		414		400		541		461		347	
01:00-02:00			244		329		331		316		404		345		216	
02:00-03:00			203		226		264		230		250		264		141	
03:00-04:00			195		182		213		214		215		221		129	
04:00-05:00			267		208		234		277		314		264		119	
05:00-06:00			596		436		483		487		536		503		178	
06:00-07:00			1044		799		993		1010		1075		859		367	
07:00-08:00			1310		1132		1237		1352		1433		1453		683	
08:00-09:00			1415	◄	1154	◄	1439	◄	1390	◄	1713	◄	2232	◄	937	◄
09:00-10:00			1450		1109		1405		1596		1868		2930		1576	
10:00-11:00			2195		1367		1890		2035		2619		3180		2304	
11:00-12:00			2487	◄	1764		2227	◄	2319		2839		2806		2628	◄
AM Total			**11784**		**9106**		**11130**		**11626**		**13807**		**15518**		**9625**	
12:00-13:00	2883	◄	2333		1908	◄	2060		2364		2966	◄	2828			
13:00-14:00	2874		2131		1796		2093		2458	◄	2946		3036	◄		
14:00-15:00	2930		2244		1746		2131		2380		2964		3267			
15:00-16:00	2734	◄	2271	◄	1866	◄	2010		2473	◄	3110	◄	2589	◄		
16:00-17:00	2568		2081		1820		2030	◄	2195		2989		2020			
17:00-18:00	2226		1852		1735		1819		2132		2904		1613			
18:00-19:00	2110		1241		1383		1568		1777		2804		1284			
19:00-20:00	1918		1155		1110		1401		1604		2667		1097			
20:00-21:00	1503		1098		1028		1283		1560		2231		946			
21:00-22:00	1122		933		861		1155		1335		1820		763			
22:00-23:00	784		776		713		784		991		1303		558			
23:00-00:00	515		581		549		628		725		848		429			
PM Total	**24167**		**18696**		**16515**		**18962**		**21994**		**29552**		**20430**			
24h. Total	**24167**		**30480**		**25621**		**30092**		**33620**		**43359**		**35948**		**9625**	
Noon - Noon	**35951**		**27802**		**27645**		**30588**		**35801**		**45070**		**30055**			

TVIS II - Traffic Volume information System

ICS Weekly Volume Summary

Hwy: 401 **Between:** NORTHUMBERLAND CTY RD 28 - ONTARIO ST- IC-464
TS: 310 **and:** NORTHUMBERLAND CTY RD 2 - TORONTO RD IC-461
Regn: EASTERN **Pattern:** CTR **PDCS:** 09 **Factor:** 0.82
LHRS: 47540 **Offset:** 1.040 **Locn:** 1.040 KM W OF NORTHUMBERLAND CTY RD 28 - ONTARIO ST- IC-464
Dir: W **Lanes:** 3 **Speed:** 100 km/h **Dates:** 14-Aug-2016 to 21-Aug-2016

	Sun		Mon		Tue		Wed		Thu		Fri		Sat		Sun	
H. Interval	08/14		08/15	Pk.	08/16	Pk.	08/17	Pk.	08/18	Pk.	08/19	Pk.	08/20	Pk.	08/21	Pk.
00:00-01:00			456		313		315		330		362		459		488	
01:00-02:00			277		284		283		242		318		305		402	
02:00-03:00			226		282		241		246		280		248		249	
03:00-04:00			267		305		303		318		334		229		154	
04:00-05:00			559		520		531		510		492		213		166	
05:00-06:00			1066		889		987		974		872		405		203	
06:00-07:00			1186		1010		1111		1187	◄	1043		433		296	
07:00-08:00			1203		1065		1124		1094		1017		690		431	
08:00-09:00			1235	◄	1117	◄	1225	◄	1161		1135	◄	1098	◄	727	◄
09:00-10:00			1587		1352		1407		1480		1400		1568		1350	
10:00-11:00			1792		1540		1548		1675		1855		2000		2296	
11:00-12:00			1998		1600		1581		1711		2108		2119		2941	◄
AM Total			**11852**		**10277**		**10656**		**10928**		**11216**		**9767**		**9703**	
12:00-13:00	2907		1926		1776	◄	1651		1691		2283		2128			
13:00-14:00	3185	◄	2109	◄	1767		1776	◄	1814	◄	2607	◄	2287	◄		
14:00-15:00	3423		2162		1770		1881		2249		2552		2176			
15:00-16:00	3577	◄	2251		1725		1865		2217		2619	◄	2119			
16:00-17:00	3511		2241		1751	◄	1933		2199		2444		2157	◄		
17:00-18:00	3343		2321	◄	1713		1982	◄	2335	◄	2454		2064			
18:00-19:00	3491		1881		1367		1865		1844		2220		1983			
19:00-20:00	2978		1624		1222		1344		1709		1918		1871			
20:00-21:00	2675		1279		978		1128		1424		1696		1905			
21:00-22:00	2057		1065		838		913		1110		1499		1496			
22:00-23:00	1320		982		545		941		854		1170		1093			
23:00-00:00	812		609		493		587		617		714		790			
PM Total	**33279**		**20450**		**15945**		**17866**		**20063**		**24176**		**22069**			
24h. Total	**33279**		**32302**		**26222**		**28522**		**30991**		**35392**		**31836**		**9703**	
Noon - Noon	**45131**		**30727**		**26601**		**28794**		**31279**		**33943**		**31772**			

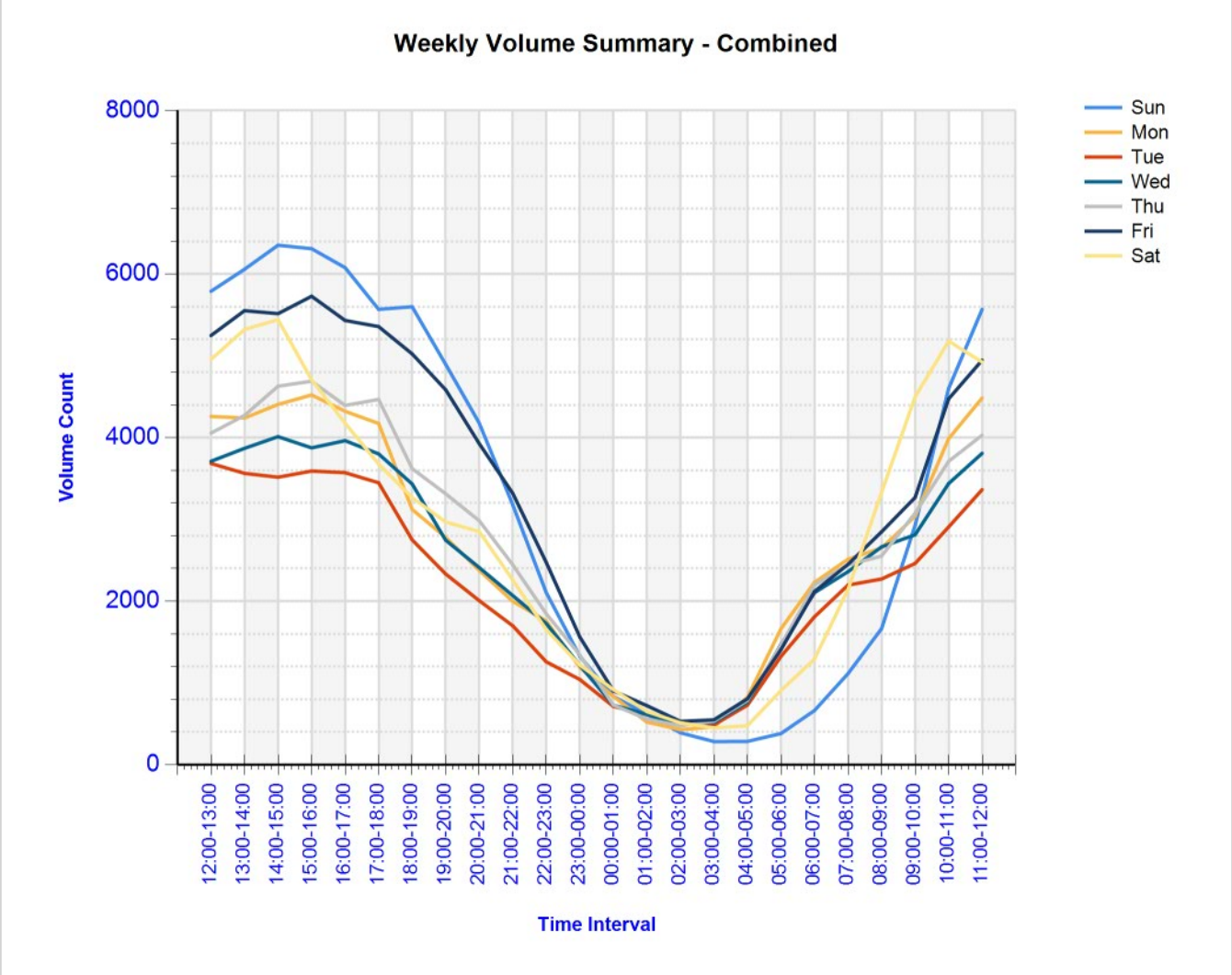
TVIS II - Traffic Volume information System

ICS Weekly Volume Summary

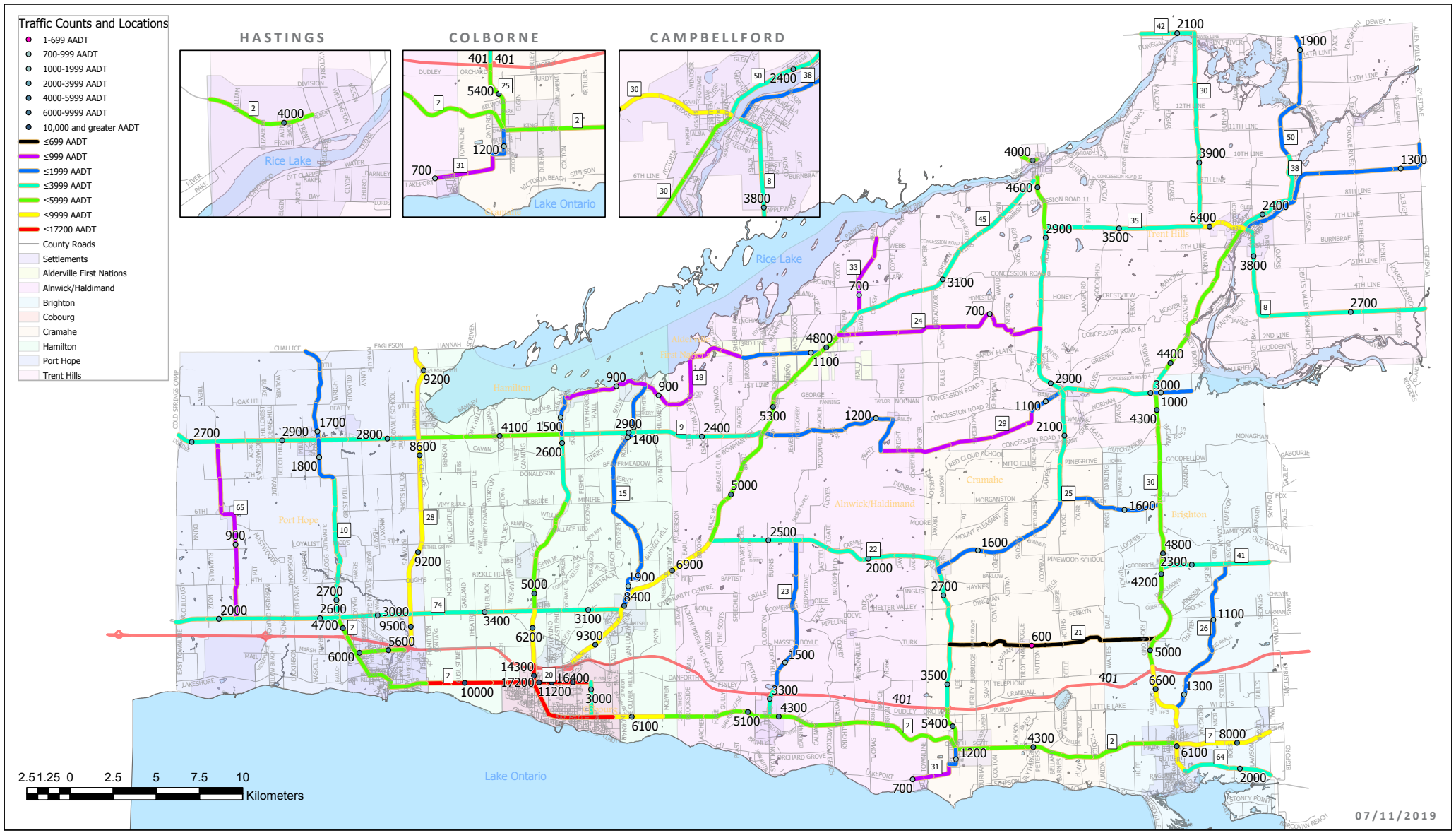
Hwy: 401 **Between:** NORTHUMBERLAND CTY RD 28 - ONTARIO ST- IC-464
TS: 310 **and:** NORTHUMBERLAND CTY RD 2 - TORONTO RD IC-461
Regn: EASTERN **Pattern:** CTR **PDCS:** 09 **Factor:** 0.82
LHRS: 47540 **Offset:** 1.040 **Locn:** 1.040 KM W OF NORTHUMBERLAND CTY RD 28 - ONTARIO ST- IC-464
Dir: COMBINED **Lanes:** 6 **Speed:** 100 km/h **Dates:** 14-Aug-2016 to 21-Aug-2016

	Sun		Mon		Tue		Wed		Thu		Fri		Sat		Sun	
H. Interval	08/14		08/15	Pk.	08/16	Pk.	08/17	Pk.	08/18	Pk.	08/19	Pk.	08/20	Pk.	08/21	Pk.
00:00-01:00			834		713		729		730		903		920		835	
01:00-02:00			521		613		614		558		722		650		618	
02:00-03:00			429		508		505		476		530		512		390	
03:00-04:00			462		487		516		532		549		450		283	
04:00-05:00			826		728		765		787		806		477		285	
05:00-06:00			1662		1325		1470		1461		1408		908		381	
06:00-07:00			2230		1809		2104		2197		2118		1292		663	
07:00-08:00			2513		2197		2361		2446		2450		2143		1114	
08:00-09:00			2650	◄	2271	◄	2664	◄	2551	◄	2848	◄	3330	◄	1664	◄
09:00-10:00			3037		2461		2812		3076		3268		4498		2926	
10:00-11:00			3987		2907		3438		3710		4474		5180		4600	
11:00-12:00			4485	◄	3364		3808		4030		4947		4925		5569	◄
AM Total			**23636**		**19383**		**21786**		**22554**		**25023**		**25285**		**19328**	
12:00-13:00	5790		4259		3684	◄	3711		4055		5249		4956			
13:00-14:00	6059	◄	4240		3563		3869	◄	4272	◄	5553	◄	5323	◄		
14:00-15:00	6353		4406		3516		4012		4629		5516		5443			
15:00-16:00	6311	◄	4522	◄	3591	◄	3875		4690	◄	5729	◄	4708	◄		
16:00-17:00	6079		4322		3571		3963	◄	4394		5433		4177			
17:00-18:00	5569		4173		3448		3801		4467		5358		3677			
18:00-19:00	5601		3122		2750		3433		3621		5024		3267			
19:00-20:00	4896		2779		2332		2745		3313		4585		2968			
20:00-21:00	4178		2377		2006		2411		2984		3927		2851			
21:00-22:00	3179		1998		1699		2068		2445		3319		2259			
22:00-23:00	2104		1758		1258		1725		1845		2473		1651			
23:00-00:00	1327		1190		1042		1215		1342		1562		1219			
PM Total	**57446**		**39146**		**32460**		**36828**		**42057**		**53728**		**42499**			
24h. Total	**57446**		**62782**		**51843**		**58614**		**64611**		**78751**		**67784**		**19328**	
Noon - Noon	**81082**		**58529**		**54246**		**59382**		**67080**		**79013**		**61827**			

ADT	AWD	AADT	SADT	SAWDT	WADT	DHV
65880	59809	54000	80400	81000	56000	6450



COUNTY OF NORTHUMBERLAND
AVERAGE ANNUAL DAILY TRAFFIC COUNTS



SOURCE: NORTHUMBERLAND COUNTY, 2018
MNR, 2016
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```
STAMSON 5.0        NORMAL REPORT        Date: 12-01-2022 12:42:40
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: C01.te               Time Period: Day/Night 16/8 hours
Description: C01 - North of Apartment Building

Road data, segment # 1: Hwy 2 (day/night)
----------------------------------------
Car traffic volume  :  7042/782   veh/TimePeriod  *
Medium truck volume :   185/21    veh/TimePeriod  *
Heavy truck volume  :   185/21    veh/TimePeriod  *
Posted speed limit  :    80 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):   6000
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  16.00
    Medium Truck % of Total Volume     :   2.50
    Heavy Truck  % of Total Volume     :   2.50
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: Hwy 2 (day/night)
----------------------------------------
Angle1   Angle2           : -90.00 deg   -42.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  : 307.00 / 307.00 m
Receiver height           :  10.50 / 10.50  m
Topography                :      1       (Flat/gentle slope; no barrier)
Reference angle           :   0.00

Road data, segment # 2: Hwy 401 (day/night)
----------------------------------------
Car traffic volume  : 65942/7327  veh/TimePeriod  *
Medium truck volume :  1735/193   veh/TimePeriod  *
Heavy truck volume  :  1735/193   veh/TimePeriod  *
Posted speed limit  :   100 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):  54000
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  18.00
    Medium Truck % of Total Volume     :   2.50
    Heavy Truck  % of Total Volume     :   2.50
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 2: Hwy 401 (day/night)
----------------------------------------
```

```
Angle1   Angle2           : -42.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  : 433.00 / 433.00 m
Receiver height           :  10.50 / 10.50  m
Topography                :      1       (Flat/gentle slope; no barrier)
Reference angle           :   0.00

Results segment # 1: Hwy 2 (day)
---------------------------------
Source height = 1.26 m

ROAD (0.00 + 41.77 + 0.00) = 41.77 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -90    -42   0.40  67.67   0.00 -18.32  -7.58   0.00   0.00   0.00  41.77
-------------------------------------------------------------------------------
Segment Leq : 41.77 dBA

Results segment # 2: Hwy 401 (day)
-----------------------------------
Source height = 1.26 m

ROAD (0.00 + 57.12 + 0.00) = 57.12 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -42     90   0.40  79.58   0.00 -20.41  -2.05   0.00   0.00   0.00  57.12
-------------------------------------------------------------------------------
Segment Leq : 57.12 dBA

Total Leq All Segments: 57.24 dBA

Results segment # 1: Hwy 2 (night)
-----------------------------------
Source height = 1.26 m

ROAD (0.00 + 35.29 + 0.00) = 35.29 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
  -90   -42  0.40  61.19   0.00 -18.32  -7.58   0.00   0.00   0.00  35.29
-------------------------------------------------------------------------------
Segment Leq : 35.29 dBA


Results segment # 2: Hwy 401 (night)
-------------------------------------
Source height = 1.26 m

ROAD (0.00 + 50.59 + 0.00) = 50.59 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -42     90   0.40  73.05   0.00 -20.41  -2.05   0.00   0.00   0.00  50.59
-------------------------------------------------------------------------------
```

```
Segment Leq : 50.59 dBA

Total Leq All Segments: 50.72
TOTAL Leq FROM ALL SOURCES (DAY): 57.24
                           (NIGHT): 50.72
```

```
STAMSON 5.0        NORMAL REPORT        Date: 12-01-2022 12:52:45
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: C02.te               Time Period: Day/Night 16/8 hours
Description: C02 - South of Apartment Building


Road data, segment # 1: Hwy 2 (day/night)
----------------------------------------
Car traffic volume  :  7042/782   veh/TimePeriod  *
Medium truck volume :   185/21    veh/TimePeriod  *
Heavy truck volume  :   185/21    veh/TimePeriod  *
Posted speed limit  :    80 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):   6000
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  16.00
    Medium Truck % of Total Volume     :   2.50
    Heavy Truck  % of Total Volume     :   2.50
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: Hwy 2 (day/night)
----------------------------------------
Angle1   Angle2           : -90.00 deg   -36.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  : 263.00 / 263.00 m
Receiver height           :  10.50 / 10.50  m
Topography                :      1       (Flat/gentle slope; no barrier)
Reference angle           :   0.00

Road data, segment # 2: Jocelyn St (day/night)
----------------------------------------------
Car traffic volume  :  7042/782   veh/TimePeriod  *
Medium truck volume :   185/21    veh/TimePeriod  *
Heavy truck volume  :   185/21    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):   6000
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  16.00
    Medium Truck % of Total Volume     :   2.50
    Heavy Truck  % of Total Volume     :   2.50
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 2: Jocelyn St (day/night)
```

```
-----------------------------------------
Angle1   Angle2           : -36.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  : 248.00 / 248.00 m
Receiver height           :  10.50 / 10.50  m
Topography                :      1       (Flat/gentle slope; no barrier)
Reference angle           :   0.00

Results segment # 1: Hwy 2 (day)
--------------------------------
Source height = 1.26 m

ROAD (0.00 + 43.40 + 0.00) = 43.40 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -90    -36   0.40  67.67   0.00 -17.38  -6.89   0.00   0.00   0.00  43.40
-------------------------------------------------------------------------------
Segment Leq : 43.40 dBA

Results segment # 2: Jocelyn St (day)
-------------------------------------
Source height = 1.26 m

ROAD (0.00 + 44.07 + 0.00) = 44.07 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -36     90   0.40  63.35   0.00 -17.02  -2.26   0.00   0.00   0.00  44.07
-------------------------------------------------------------------------------
Segment Leq : 44.07 dBA

Total Leq All Segments: 46.76 dBA

Results segment # 1: Hwy 2 (night)
----------------------------------
Source height = 1.26 m

ROAD (0.00 + 36.92 + 0.00) = 36.92 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -90    -36   0.40  61.19   0.00 -17.38  -6.89   0.00   0.00   0.00  36.92
-------------------------------------------------------------------------------
Segment Leq : 36.92 dBA

Results segment # 2: Jocelyn St (night)
---------------------------------------
Source height = 1.26 m

ROAD (0.00 + 37.60 + 0.00) = 37.60 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -36     90   0.40  56.88   0.00 -17.02  -2.26   0.00   0.00   0.00  37.60
-------------------------------------------------------------------------------
Segment Leq : 37.60 dBA
```

```
Total Leq All Segments: 40.28 dBA
TOTAL Leq FROM ALL SOURCES (DAY): 46.76
                           (NIGHT): 40.28
```

```
STAMSON 5.0        NORMAL REPORT        Date: 09-02-2022 14:47:22
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: c01.te               Time Period: Day/Night 16/8 hours
Description: C03 - Plane of Window Northwest Townhouse


Road data, segment # 1: Hwy 2 (day/night)
----------------------------------------
Car traffic volume  :  7042/782   veh/TimePeriod  *
Medium truck volume :   185/21    veh/TimePeriod  *
Heavy truck volume  :   185/21    veh/TimePeriod  *
Posted speed limit  :    80 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):   6000
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  16.00
    Medium Truck % of Total Volume     :   2.50
    Heavy Truck  % of Total Volume     :   2.50
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: Hwy 2 (day/night)
----------------------------------------
Angle1   Angle2           :   0.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  : 270.00 / 270.00 m
Receiver height           :   1.50 / 1.50   m
Topography                :      1       (Flat/gentle slope; no barrier)
Reference angle           :   0.00

Road data, segment # 2: Hwy 401 (day/night)
-------------------------------------------
Car traffic volume  : 65942/7327  veh/TimePeriod  *
Medium truck volume :  1735/193   veh/TimePeriod  *
Heavy truck volume  :  1735/193   veh/TimePeriod  *
Posted speed limit  :   100 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):  54000
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  18.00
    Medium Truck % of Total Volume     :   2.50
    Heavy Truck  % of Total Volume     :   2.50
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 2: Hwy 401 (day/night)
```

```
----------------------------------------
Angle1   Angle2           : -90.00 deg   0.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  : 400.00 / 400.00 m
Receiver height           :   1.50 / 1.50   m
Topography                :      1       (Flat/gentle slope; no barrier)
Reference angle           :   0.00

Results segment # 1: Hwy 2 (day)
--------------------------------

Source height = 1.26 m

ROAD (0.00 + 42.37 + 0.00) = 42.37 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
     0     90   0.66  67.67   0.00 -20.84  -4.47   0.00   0.00   0.00  42.37
-------------------------------------------------------------------------------
Segment Leq : 42.37 dBA


Results segment # 2: Hwy 401 (day)
----------------------------------
Source height = 1.26 m

ROAD (0.00 + 51.44 + 0.00) = 51.44 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -90      0   0.66  79.58   0.00 -23.67  -4.47   0.00   0.00   0.00  51.44
-------------------------------------------------------------------------------

Segment Leq : 51.44 dBA

Total Leq All Segments: 51.95 dBA

Results segment # 1: Hwy 2 (night)
----------------------------------
Source height = 1.26 m

ROAD (0.00 + 35.89 + 0.00) = 35.89 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
     0     90   0.66  61.19   0.00 -20.84  -4.47   0.00   0.00   0.00  35.89
-------------------------------------------------------------------------------
Segment Leq : 35.89 dBA

Results segment # 2: Hwy 401 (night)
------------------------------------
Source height = 1.26 m

ROAD (0.00 + 44.91 + 0.00) = 44.91 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
```

```
   -90      0    0.66  73.05    0.00 -23.67  -4.47    0.00    0.00    0.00  44.91
-------------------------------------------------------------------------------
Segment Leq : 44.91 dBA

Total Leq All Segments: 45.42 dBA
```

TOTAL Leq FROM ALL SOURCES (DAY): 51.95
(NIGHT): 45.42

```
STAMSON 5.0        NORMAL REPORT        Date: 09-02-2022 14:59:57
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: C03.te               Time Period: Day/Night 16/8 hours
Description: OLA - Outdoor yard northwest townhouse

Road data, segment # 1: Hwy 2 (day/night)
-----------------------------------------
Car traffic volume  :  7042/782   veh/TimePeriod  *
Medium truck volume :   185/21    veh/TimePeriod  *
Heavy truck volume  :   185/21    veh/TimePeriod  *
Posted speed limit  :    80 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):   6000
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  16.00
    Medium Truck % of Total Volume     :   2.50
    Heavy Truck  % of Total Volume     :   2.50
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 1: Hwy 2 (day/night)
---------------------------------------
Angle1   Angle2           :   0.00 deg   90.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  : 265.00 / 265.00 m
Receiver height           :   1.50 / 1.50   m
Topography                :      1       (Flat/gentle slope; no barrier)
Reference angle           :   0.00

Road data, segment # 2: Hwy 401 (day/night)
-------------------------------------------
Car traffic volume  : 65942/7327  veh/TimePeriod  *
Medium truck volume :  1735/193   veh/TimePeriod  *
Heavy truck volume  :  1735/193   veh/TimePeriod  *
Posted speed limit  :   100 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):  54000
    Percentage of Annual Growth        :   2.00
    Number of Years of Growth          :  18.00
    Medium Truck % of Total Volume     :   2.50
    Heavy Truck  % of Total Volume     :   2.50
    Day (16 hrs) % of Total Volume     :  90.00

Data for Segment # 2: Hwy 401 (day/night)
-----------------------------------------
```

```
Angle1   Angle2           : -90.00 deg   0.00 deg
Wood depth                :      0       (No woods.)
No of house rows          :      0 / 0
Surface                   :      1       (Absorptive ground surface)
Receiver source distance  : 400.00 / 400.00 m
Receiver height           :   1.50 / 1.50   m
Topography                :      1       (Flat/gentle slope; no barrier)
Reference angle           :   0.00

Results segment # 1: Hwy 2 (day)
---------------------------------
Source height = 1.26 m

ROAD (0.00 + 42.50 + 0.00) = 42.50 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
     0     90   0.66  67.67   0.00 -20.70  -4.47   0.00   0.00   0.00  42.50
-------------------------------------------------------------------------------
Segment Leq : 42.50 dBA

Results segment # 2: Hwy 401 (day)
-----------------------------------
Source height = 1.26 m

ROAD (0.00 + 51.44 + 0.00) = 51.44 dBA
Angle1 Angle2  Alpha RefLeq  P.Adj  D.Adj  F.Adj  W.Adj  H.Adj  B.Adj SubLeq
-------------------------------------------------------------------------------
   -90      0   0.66  79.58   0.00 -23.67  -4.47   0.00   0.00   0.00  51.44
-------------------------------------------------------------------------------
Segment Leq : 51.44 dBA

Total Leq All Segments: 51.96 dBA
```

TOTAL Leq FROM ALL SOURCES (DAY): 51.96

Appendix C
Sound Power Data

Sound Power Data

Source	63	125	250	500	1000	2000	4000	8000	A	Lin
5 Ton RTU	57	76	72	73	75	75	71	69	**81**	**82**
10 Ton RTU	98	90	86	85	84	78	71	66	**88**	**99**
10 Ton RTU for Shoppers Drug Mart	63	72	78	81	82	77	71	62	**85**	**86**
20 Ton RTU	99	92	94	91	90	86	80	80	**94**	**102**
8-Fan Condenser Unit	96	98	93	89	84	78	74	69	**91**	**101**
Compressor Intake	85	84	73	76	74	65	64	61	**78**	**89**
Compressor Exhaust	87	86	84	78	77	72	67	61	**82**	**92**
HRU Inlet	93	93	97	97	90	83	79	75	**97**	**102**
HRU Outlet	90	91	92	96	92	90	90	82	**99**	**101**
Forklift	87	81	77	77	79	77	72	65	**83**	**90**
Idling Refrigerated Trailer	100	100	91	91	94	92	88	78	**98**	**109**
Refrigerated Truck Passby	107	111	110	107	103	100	93	86	**109**	**115**
Regular Truck Passby	97	101	100	97	93	90	83	76	**99**	**106**

Appendix D
Stationary Noise Sample Calculations

Receiver: B09_R01
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
R01	B09_R01	714888.49 m	4871122.55 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_S81	Air Intake	714832.7	4871341.0	13.0	0	97	0.0	A	58.1	0.0	-3.0	15.7	0.7	0.0	0.0	0.0	0.0	0.0	25
A03_S15	Carrier Unit	714970.8	4871023.7	8.1	0	88	0.0	A	53.2	0.0	0.2	3.3	0.5	0.0	0.0	0.0	-8.2	0.0	22
A03_S12	Carrier Unit	714956.3	4870993.0	8.4	0	88	0.0	A	54.3	0.0	0.1	4.3	0.6	0.0	0.0	0.0	-8.8	0.0	19
A03_S11	Carrier Unit	714965.3	4870976.1	8.4	0	88	0.0	A	55.4	0.0	0.1	4.5	0.7	0.0	0.0	0.0	-8.7	0.0	18
A03_S14	Carrier Unit	714951.1	4870957.5	8.1	0	88	0.0	A	55.9	0.0	0.1	4.6	0.7	0.0	0.0	0.0	-8.4	0.0	18
A03_S13	Carrier Unit	714972.7	4870959.2	8.4	0	88	0.0	A	56.3	0.0	0.1	4.6	0.7	0.0	0.0	0.0	-8.6	0.0	17
A03_S05	Compressor Exhaust	714969.9	4871030.0	7.4	0	82	0.0	A	52.8	0.0	0.9	3.7	0.5	0.0	0.0	0.0	-8.8	0.0	15
A04_S01	Condenser	714967.8	4871012.9	7.9	0	91	0.0	A	53.6	0.0	1.3	3.6	0.4	0.0	0.0	0.0	-8.5	0.0	23
A04_S02	Condenser	714969.3	4871009.2	7.9	0	91	0.0	A	53.9	0.0	1.2	3.6	0.4	0.0	0.0	0.0	-8.5	0.0	23
A03_S54	Drive-Thru Speaker	714774.7	4871080.3	1.0	0	72	0.0	A	52.7	0.0	-4.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	19
A03_S79	Forklift	714858.4	4871098.1	1.2	0	52	16.7	A	42.8	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	29
A03_S79	Forklift	714850.2	4871094.6	1.2	0	52	16.7	A	44.5	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	27
A03_S79	Forklift	714844.0	4871093.3	1.2	0	52	16.7	A	45.5	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	26
A03_S79	Forklift	714831.4	4871085.5	1.2	0	52	16.7	A	47.7	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	24
A03_S79	Forklift	714845.1	4871102.6	1.2	0	52	13.7	A	44.6	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
A03_S79	Forklift	714836.4	4871102.5	1.2	0	52	13.7	A	45.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	23
A03_S79	Forklift	714839.6	4871097.5	1.2	0	52	21.7	A	45.8	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	31
A03_S79	Forklift	714827.0	4871089.7	1.2	0	52	21.7	A	47.9	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	29
A03_S79	Forklift	714832.9	4871104.2	1.2	0	52	13.6	A	46.3	0.0	-3.0	4.7	0.5	0.0	0.0	0.0	0.0	0.0	17
A03_S79	Forklift	714860.4	4871104.6	1.2	0	52	19.5	A	41.5	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	33
A03_S79	Forklift	714855.0	4871108.0	1.2	0	52	16.5	A	42.3	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	29
A03_S79	Forklift	714847.4	4871105.3	1.2	0	52	16.5	A	44.0	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	27
A03_S79	Forklift	714838.8	4871107.4	1.2	0	52	14.5	A	45.3	0.0	-3.0	5.1	0.4	0.0	0.0	0.0	0.0	0.0	19
A03_S79	Forklift	714845.1	4871108.5	1.2	0	52	11.5	A	44.2	0.0	-3.0	4.8	0.4	0.0	0.0	0.0	0.0	0.0	18
A03_S79	Forklift	714852.4	4871111.8	1.2	0	52	11.5	A	42.5	0.0	-3.0	5.2	0.3	0.0	0.0	0.0	0.0	0.0	19
A03_S79	Forklift	714854.0	4871110.6	1.2	0	52	7.8	A	42.2	0.0	-3.0	4.5	0.3	0.0	0.0	0.0	0.0	0.0	16
A03_S79	Forklift	714857.6	4871112.6	1.2	0	52	10.8	A	41.2	0.0	-3.0	4.8	0.3	0.0	0.0	0.0	0.0	0.0	20
A03_S79	Forklift	714854.4	4871113.7	1.2	0	52	11.6	A	41.9	0.0	-3.0	6.1	0.3	0.0	0.0	0.0	0.0	0.0	19
A03_S79	Forklift	714816.2	4871102.1	1.2	0	52	17.5	A	48.5	0.0	-3.0	5.5	0.6	0.0	0.0	0.0	0.0	0.0	18
A03_S79	Forklift	714816.5	4871090.6	1.2	0	52	16.3	A	48.9	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	22
A03_S79	Forklift	714824.9	4871106.6	1.2	0	52	16.4	A	47.3	0.0	-3.0	6.2	0.5	0.0	0.0	0.0	0.0	0.0	18
A03_S79	Forklift	714824.3	4871102.2	1.2	0	52	17.3	A	47.6	0.0	-3.0	4.8	0.6	0.0	0.0	0.0	0.0	0.0	20
A03_S79	Forklift	714821.3	4871092.3	1.2	0	52	19.7	A	48.3	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	26
A03_S79	Forklift	714814.2	4871089.7	1.2	0	52	13.8	A	49.2	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	19
A03_S79	Forklift	714811.6	4871100.8	1.2	0	52	15.5	A	49.1	0.0	-3.0	5.5	0.6	0.0	0.0	0.0	0.0	0.0	16
A04_S07	Garbage Compactor	714958.8	4871048.4	1.5	0	83	0.0	A	51.2	0.0	-0.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	24
A03_S63	Idling Car	714778.8	4871077.8	1.0	0	67	0.0	A	52.5	0.0	-4.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	18
A03_S77	Idling Car	714780.1	4871074.6	1.0	0	67	0.0	A	52.5	0.0	-4.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	18
A03_S62	Idling Car	714777.3	4871081.1	1.0	0	67	0.0	A	52.5	0.0	-4.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	18
A04_S04	Idling Refrigerated Truck	714951.6	4871059.1	2.4	0	98	0.0	A	50.0	0.0	-0.1	0.0	0.7	0.0	0.0	0.0	0.0	0.0	44
A04_S04	Idling Refrigerated Truck	714983.7	4871019.7	2.4	0	98	0.0	A	53.9	0.0	-1.2	12.7	1.1	0.0	0.0	0.0	0.0	0.0	30
A03_T01	Refrigerated Truck Passby	714973.2	4871041.1	2.4	0	69	15.0	A	52.4	0.0	0.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	30

Receiver: B09_R01
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
R01	B09_R01	714888.49 m	4871122.55 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_T01	Refrigerated Truck Passby	714959.2	4871069.1	2.4	0	69	15.0	A	50.0	0.0	1.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	32
A03_T01	Refrigerated Truck Passby	714970.8	4871046.6	2.4	0	69	16.3	A	52.0	0.0	1.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	31
A03_T01	Refrigerated Truck Passby	714982.0	4871023.4	2.4	0	69	9.3	A	53.7	0.0	0.2	8.3	0.6	0.0	0.0	0.0	0.0	0.0	15
A03_T01	Refrigerated Truck Passby	714961.5	4871100.4	2.4	0	69	10.4	A	48.6	0.0	0.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	29
A03_T01	Refrigerated Truck Passby	714952.5	4871091.0	2.4	0	69	7.5	A	48.1	0.0	1.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	27
A03_T01	Refrigerated Truck Passby	714954.8	4871095.9	2.4	0	69	7.4	A	48.1	0.0	0.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	27
A03_T01	Refrigerated Truck Passby	714952.1	4871085.7	2.4	0	69	7.1	A	48.3	0.0	1.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	26
A03_T01	Refrigerated Truck Passby	714978.5	4871062.8	2.4	0	69	10.0	A	51.7	0.0	0.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	26
A03_T01	Refrigerated Truck Passby	714969.5	4871062.3	2.4	0	69	9.1	A	51.1	0.0	1.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	25
A03_T01	Refrigerated Truck Passby	714963.4	4871064.3	2.4	0	69	7.3	A	50.5	0.0	1.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
A03_T01	Refrigerated Truck Passby	714967.0	4871102.9	2.4	0	69	0.5	A	49.2	0.0	0.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	19
A03_T03	Refrigerated Truck Passby	714960.3	4871102.2	2.4	0	66	11.4	A	48.5	0.0	0.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	27
A03_T03	Refrigerated Truck Passby	714947.4	4871086.0	2.4	0	66	10.7	A	47.8	0.0	1.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	27
A03_T03	Refrigerated Truck Passby	714950.6	4871096.1	2.4	0	66	10.3	A	47.6	0.0	1.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	27
A03_T03	Refrigerated Truck Passby	714947.9	4871074.2	2.4	0	66	10.6	A	48.7	0.0	1.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	26
A03_T03	Refrigerated Truck Passby	714956.2	4871070.4	2.4	0	66	11.3	A	49.6	0.0	1.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	25
A03_T03	Refrigerated Truck Passby	714950.1	4871064.4	2.4	0	66	11.2	A	49.6	0.0	1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	25
A03_T03	Refrigerated Truck Passby	714947.6	4871075.4	2.4	0	66	9.8	A	48.6	0.0	1.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	25
A03_T03	Refrigerated Truck Passby	714949.1	4871077.4	2.4	0	66	8.1	A	48.6	0.0	1.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	23
A03_T03	Refrigerated Truck Passby	714949.7	4871065.3	2.4	0	66	8.2	A	49.5	0.0	1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	22
A03_T03	Refrigerated Truck Passby	714978.1	4871063.0	2.4	0	66	10.1	A	51.6	0.0	0.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	23
A03_T03	Refrigerated Truck Passby	714969.3	4871062.3	2.4	0	66	8.8	A	51.1	0.0	1.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	22
A03_T03	Refrigerated Truck Passby	714963.3	4871064.2	2.4	0	66	7.5	A	50.5	0.0	1.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	21
A03_T03	Refrigerated Truck Passby	714951.5	4871060.2	2.4	0	66	6.3	A	50.0	0.0	1.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	20
A03_T02	Regular Truck Passby	714973.2	4871041.0	2.4	0	59	15.0	A	52.4	0.0	0.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	20
A03_T02	Regular Truck Passby	714959.2	4871069.1	2.4	0	59	15.0	A	50.0	0.0	1.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	22
A03_T02	Regular Truck Passby	714970.8	4871046.6	2.4	0	59	16.4	A	52.0	0.0	1.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	22
A03_T02	Regular Truck Passby	714961.5	4871100.4	2.4	0	59	10.4	A	48.6	0.0	0.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	20
A03_T02	Regular Truck Passby	714952.5	4871091.0	2.4	0	59	7.5	A	48.1	0.0	1.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	17
A03_T02	Regular Truck Passby	714954.8	4871095.9	2.4	0	59	7.4	A	48.1	0.0	0.9	0.0	0.3	0.0	0.0	0.0	0.0	0.0	17
A03_T02	Regular Truck Passby	714952.1	4871085.7	2.4	0	59	7.1	A	48.3	0.0	1.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	16
A03_T02	Regular Truck Passby	714978.5	4871062.8	2.4	0	59	10.0	A	51.7	0.0	0.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	16
A03_T02	Regular Truck Passby	714969.5	4871062.3	2.4	0	59	9.1	A	51.1	0.0	1.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	16
A03_T03	Regular Truck Passby	714787.8	4871049.9	2.4	0	57	17.3	A	52.9	0.0	-3.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	24
A03_T03	Regular Truck Passby	714818.6	4871058.2	2.4	0	57	12.7	A	50.6	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	22
A03_T03	Regular Truck Passby	714808.8	4871067.1	2.4	0	57	9.1	A	50.7	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	18
A03_T04	Regular Truck Passby	714960.3	4871102.2	2.4	0	56	11.4	A	48.5	0.0	0.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	18
A03_T04	Regular Truck Passby	714947.4	4871086.0	2.4	0	56	10.7	A	47.8	0.0	1.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	17
A03_T04	Regular Truck Passby	714950.6	4871096.1	2.4	0	56	10.3	A	47.6	0.0	1.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	17
A03_T04	Regular Truck Passby	714947.9	4871074.2	2.4	0	56	10.6	A	48.7	0.0	1.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	16
A03_T04	Regular Truck Passby	714956.2	4871070.4	2.4	0	56	11.3	A	49.6	0.0	1.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	16
A03_T04	Regular Truck Passby	714950.1	4871064.4	2.4	0	56	11.2	A	49.6	0.0	1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	16

Receiver: B09_R01
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
R01	B09_R01	714888.49 m	4871122.55 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_T04	Regular Truck Passby	714947.6	4871075.4	2.4	0	56	9.8	A	48.6	0.0	1.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	15
A03_S03	Return Air Exhaust	714850.6	4871348.4	13.0	0	98	0.0	A	58.2	0.0	-3.0	16.9	1.8	0.0	0.0	0.0	0.0	0.0	24
A03_S18	Roftop Unit Outside Loblaws	714814.1	4871046.0	8.1	0	88	0.0	A	51.6	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-9.4	0.0	29
A03_S17	Roftop Unit Outside Loblaws	714827.1	4871033.4	8.1	0	88	0.0	A	51.7	0.0	-2.3	5.7	0.5	0.0	0.0	0.0	-8.7	0.0	23
A03_S16	Roftop Unit Outside Loblaws	714840.4	4871021.2	8.1	0	88	0.0	A	52.0	0.0	-1.7	7.4	0.5	0.0	0.0	0.0	-8.2	0.0	21
A03_S51	Roftop Unit Outside Loblaws	714925.0	4871033.7	8.4	0	85	0.0	A	50.7	0.0	0.0	0.0	0.6	0.0	0.0	0.0	-11.4	0.0	22
A03_S53	Roftop Unit Outside Loblaws	714947.4	4871045.1	8.4	0	85	0.0	A	50.8	0.0	0.0	0.0	0.6	0.0	0.0	0.0	-11.4	0.0	22
A03_S24	Roftop Unit Outside Loblaws	714762.7	4871076.6	6.5	0	88	0.0	A	53.5	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	37
A03_S23	Roftop Unit Outside Loblaws	714756.6	4871073.5	6.5	0	88	0.0	A	54.0	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	36
A03_S52	Roftop Unit Outside Loblaws	714942.8	4871032.0	8.4	0	85	0.0	A	51.5	0.0	0.0	0.0	0.6	0.0	0.0	0.0	-11.3	0.0	22
A03_S19	Roftop Unit Outside Loblaws	714812.0	4870998.1	8.1	0	88	0.0	A	54.3	0.0	-2.2	7.0	0.6	0.0	0.0	0.0	0.0	0.0	28
A03_S50	Roftop Unit Outside Loblaws	714924.1	4871019.7	8.4	0	85	0.0	A	51.8	0.0	-0.1	4.3	0.6	0.0	0.0	0.0	-11.2	0.0	17
A03_S20	Roftop Unit Outside Loblaws	714813.8	4870994.0	8.4	0	88	0.0	A	54.5	0.0	-1.8	7.0	0.6	0.0	0.0	0.0	0.0	0.0	27
A03_S28	Roftop Unit Outside Loblaws	714702.3	4871048.1	8.4	0	88	0.0	A	57.0	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	33
A03_S27	Roftop Unit Outside Loblaws	714701.3	4871050.0	8.4	0	88	0.0	A	57.1	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	33
A03_S26	Roftop Unit Outside Loblaws	714767.2	4871077.5	6.2	0	81	0.0	A	53.2	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	29
A03_S25	Roftop Unit Outside Loblaws	714765.6	4871071.1	6.2	0	81	0.0	A	53.5	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	29
A03_S22	Roftop Unit Outside Loblaws	714789.5	4871022.4	8.1	0	81	0.0	A	54.0	0.0	-3.0	4.8	1.6	0.0	0.0	0.0	0.0	0.0	23
A03_S21	Roftop Unit Outside Loblaws	714806.7	4871000.4	8.1	0	81	0.0	A	54.4	0.0	-2.5	7.7	1.6	0.0	0.0	0.0	0.0	0.0	19
A03_S42	Roftop Unit Outside Loblaws	714693.6	4871087.5	8.1	0	81	0.0	A	56.9	0.0	-3.0	7.8	2.0	0.0	0.0	0.0	0.0	0.0	17

Receiver: B09_R02
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
R02	B09_R02	714926.89 m	4871152.35 m	10.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_S81	Air Intake	714832.7	4871341.0	13.0	0	97	0.0	A	57.5	0.0	-3.0	16.0	0.6	0.0	0.0	0.0	0.0	0.0	25
A03_S15	Carrier Unit	714970.8	4871023.7	8.1	0	88	0.0	A	53.7	0.0	-2.4	0.0	0.6	0.0	0.0	0.0	-9.1	0.0	27
A03_S12	Carrier Unit	714956.3	4870993.0	8.4	0	88	0.0	A	55.2	0.0	-2.1	0.0	0.7	0.0	0.0	0.0	-9.0	0.0	25
A03_S11	Carrier Unit	714965.3	4870976.1	8.4	0	88	0.0	A	56.1	0.0	-2.3	0.0	0.7	0.0	0.0	0.0	-9.0	0.0	24
A03_S14	Carrier Unit	714951.1	4870957.5	8.1	0	88	0.0	A	56.9	0.0	-2.2	0.0	0.8	0.0	0.0	0.0	-9.0	0.0	23
A03_S13	Carrier Unit	714972.7	4870959.2	8.4	0	88	0.0	A	57.0	0.0	-2.4	0.0	0.8	0.0	0.0	0.0	-9.0	0.0	23
A03_S08	Carrier Unit	714929.8	4871006.9	8.1	0	81	0.0	A	54.3	0.0	-1.9	0.0	1.6	0.0	0.0	0.0	-11.1	0.0	15
A03_S05	Compressor Exhaust	714969.9	4871030.0	7.4	0	82	0.0	A	53.3	0.0	-2.3	0.0	0.5	0.0	0.0	0.0	-9.2	0.0	21
A03_S06	Compressor Exhaust	714971.7	4871026.8	7.4	0	82	0.0	A	53.5	0.0	-2.4	0.0	0.5	0.0	0.0	0.0	-9.2	0.0	21
A03_S83	Compressor Intake	714967.7	4871028.1	7.4	0	78	0.0	A	53.3	0.0	-2.3	0.0	0.6	0.0	0.0	0.0	-8.9	0.0	17
A04_S01	Condenser	714967.8	4871012.9	7.9	0	91	0.0	A	54.2	0.0	-2.3	0.0	0.4	0.0	0.0	0.0	-8.5	0.0	30
A04_S02	Condenser	714969.3	4871009.2	7.9	0	91	0.0	A	54.5	0.0	-2.3	0.0	0.4	0.0	0.0	0.0	-8.5	0.0	29
A03_S54	Drive-Thru Speaker	714774.7	4871080.3	1.0	0	72	0.0	A	55.5	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	15
A03_S79	Forklift	714860.9	4871097.6	1.2	0	52	12.6	A	49.7	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	17
A03_S79	Forklift	714843.9	4871092.7	1.2	0	52	23.2	A	51.2	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	26
A03_S79	Forklift	714833.5	4871095.6	1.2	0	52	25.2	A	51.8	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	28
A03_S79	Forklift	714843.2	4871109.5	1.2	0	52	17.5	A	50.5	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	22
A03_S79	Forklift	714854.6	4871107.2	1.2	0	52	23.6	A	49.7	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	29
A03_S79	Forklift	714816.5	4871094.1	1.2	0	52	18.5	A	53.0	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	20
A03_S79	Forklift	714824.4	4871109.8	1.2	0	52	19.1	A	51.9	0.0	-3.0	5.9	0.9	0.0	0.0	0.0	0.0	0.0	16
A03_S79	Forklift	714824.9	4871104.7	1.2	0	52	14.7	A	52.1	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
A03_S79	Forklift	714822.3	4871095.1	1.2	0	52	21.2	A	52.6	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	23
A03_S79	Forklift	714813.5	4871092.7	1.2	0	52	15.8	A	53.2	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	17
A03_S79	Forklift	714810.5	4871105.6	1.2	0	52	14.5	A	53.0	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	16
A04_S07	Garbage Compactor	714958.8	4871048.4	1.5	0	83	0.0	A	51.8	0.0	-2.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	26
A04_S07	Garbage Compactor	714997.4	4871005.6	1.5	0	83	0.0	A	55.2	0.0	-2.8	0.0	0.7	0.0	0.0	0.0	0.0	0.0	22
A04_S04	Idling Refrigerated Truck	714951.6	4871059.1	2.4	0	98	0.0	A	50.7	0.0	-1.8	0.0	0.8	0.0	0.0	0.0	0.0	0.0	45
A04_S04	Idling Refrigerated Truck	714983.7	4871019.7	2.4	0	98	0.0	A	54.2	0.0	-2.7	0.0	1.1	0.0	0.0	0.0	0.0	0.0	44
A03_T01	Refrigerated Truck Passby	714976.0	4871035.5	2.4	0	69	15.5	A	53.1	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	33
A03_T01	Refrigerated Truck Passby	714960.1	4871067.2	2.4	0	69	15.5	A	50.2	0.0	-1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	35
A03_T01	Refrigerated Truck Passby	714972.6	4871042.8	2.4	0	69	17.1	A	52.5	0.0	-2.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	35
A03_T01	Refrigerated Truck Passby	714961.5	4871100.4	2.4	0	69	10.4	A	47.0	0.0	-1.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	33
A03_T01	Refrigerated Truck Passby	714954.8	4871095.9	2.4	0	69	7.4	A	47.1	0.0	-1.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	30
A03_T01	Refrigerated Truck Passby	714952.5	4871091.0	2.4	0	69	7.5	A	47.5	0.0	-1.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	30
A03_T01	Refrigerated Truck Passby	714952.1	4871085.7	2.4	0	69	7.1	A	48.1	0.0	-1.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	29
A03_T01	Refrigerated Truck Passby	714978.5	4871062.8	2.4	0	69	10.0	A	51.3	0.0	-0.8	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28
A03_T01	Refrigerated Truck Passby	714969.5	4871062.3	2.4	0	69	9.1	A	51.0	0.0	-1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28
A03_T01	Refrigerated Truck Passby	714963.4	4871064.3	2.4	0	69	7.3	A	50.6	0.0	-1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	26
A03_T01	Refrigerated Truck Passby	714967.0	4871102.9	2.4	0	69	0.5	A	47.2	0.0	-1.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	23
A03_T03	Refrigerated Truck Passby	714960.3	4871102.2	2.4	0	66	11.4	A	46.7	0.0	-1.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	31
A03_T03	Refrigerated Truck Passby	714950.6	4871096.1	2.4	0	66	10.3	A	46.8	0.0	-1.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	30
A03_T03	Refrigerated Truck Passby	714947.4	4871086.0	2.4	0	66	10.7	A	47.9	0.0	-1.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	29

Receiver: B09_R02
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
R02	B09_R02	714926.89 m	4871152.35 m	10.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_T03	Refrigerated Truck Passby	714947.9	4871074.2	2.4	0	66	10.6	A	49.2	0.0	-1.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28
A03_T03	Refrigerated Truck Passby	714956.2	4871070.4	2.4	0	66	11.3	A	49.8	0.0	-1.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28
A03_T03	Refrigerated Truck Passby	714950.1	4871064.4	2.4	0	66	11.2	A	50.2	0.0	-1.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	27
A03_T03	Refrigerated Truck Passby	714947.6	4871075.4	2.4	0	66	9.8	A	49.1	0.0	-1.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	27
A03_T03	Refrigerated Truck Passby	714949.1	4871077.4	2.4	0	66	8.1	A	48.9	0.0	-1.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	26
A03_T03	Refrigerated Truck Passby	714978.1	4871063.0	2.4	0	66	10.1	A	51.3	0.0	-0.8	0.0	0.4	0.0	0.0	0.0	0.0	0.0	25
A03_T03	Refrigerated Truck Passby	714949.7	4871065.3	2.4	0	66	8.2	A	50.1	0.0	-1.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	25
A03_T03	Refrigerated Truck Passby	714969.3	4871062.3	2.4	0	66	8.8	A	51.0	0.0	-1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	25
A03_T03	Refrigerated Truck Passby	714963.3	4871064.2	2.4	0	66	7.5	A	50.6	0.0	-1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
A03_T03	Refrigerated Truck Passby	714951.5	4871060.2	2.4	0	66	6.3	A	50.6	0.0	-1.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	22
A03_T02	Regular Truck Passby	714975.8	4871035.9	2.4	0	59	15.5	A	53.0	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	23
A03_T02	Regular Truck Passby	714960.1	4871067.4	2.4	0	59	15.5	A	50.2	0.0	-1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	25
A03_T02	Regular Truck Passby	714972.5	4871043.1	2.4	0	59	17.1	A	52.5	0.0	-2.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	25
A03_T02	Regular Truck Passby	714961.5	4871100.4	2.4	0	59	10.4	A	47.0	0.0	-1.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	23
A03_T02	Regular Truck Passby	714954.8	4871095.9	2.4	0	59	7.4	A	47.1	0.0	-1.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	20
A03_T02	Regular Truck Passby	714952.5	4871091.0	2.4	0	59	7.5	A	47.5	0.0	-1.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	20
A03_T02	Regular Truck Passby	714952.1	4871085.7	2.4	0	59	7.1	A	48.1	0.0	-1.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	19
A03_T02	Regular Truck Passby	714978.5	4871062.8	2.4	0	59	10.0	A	51.3	0.0	-0.8	0.0	0.4	0.0	0.0	0.0	0.0	0.0	18
A03_T02	Regular Truck Passby	714969.5	4871062.3	2.4	0	59	9.1	A	51.0	0.0	-1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	18
A03_T02	Regular Truck Passby	714963.4	4871064.3	2.4	0	59	7.3	A	50.6	0.0	-1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	17
A03_T03	Regular Truck Passby	714787.8	4871050.0	2.4	0	57	17.3	A	55.8	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	21
A03_T03	Regular Truck Passby	714819.6	4871057.3	2.4	0	57	11.3	A	54.1	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	17
A03_T04	Regular Truck Passby	714960.3	4871102.2	2.4	0	56	11.4	A	46.7	0.0	-1.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	22
A03_T04	Regular Truck Passby	714950.6	4871096.1	2.4	0	56	10.3	A	46.8	0.0	-1.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	20
A03_T04	Regular Truck Passby	714947.4	4871086.0	2.4	0	56	10.7	A	47.9	0.0	-1.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	20
A03_T04	Regular Truck Passby	714947.9	4871074.2	2.4	0	56	10.6	A	49.2	0.0	-1.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	18
A03_T04	Regular Truck Passby	714956.2	4871070.4	2.4	0	56	11.3	A	49.8	0.0	-1.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	18
A03_T04	Regular Truck Passby	714950.1	4871064.4	2.4	0	56	11.2	A	50.2	0.0	-1.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	18
A03_T04	Regular Truck Passby	714947.6	4871075.4	2.4	0	56	9.8	A	49.1	0.0	-1.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	18
A03_T04	Regular Truck Passby	714949.1	4871077.4	2.4	0	56	8.1	A	48.9	0.0	-1.4	0.0	0.3	0.0	0.0	0.0	0.0	0.0	16
A03_T04	Regular Truck Passby	714949.7	4871065.3	2.4	0	56	8.2	A	50.1	0.0	-1.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	15
A03_S03	Return Air Exhaust	714850.6	4871348.4	13.0	0	98	0.0	A	57.5	0.0	-3.0	17.2	1.7	0.0	0.0	0.0	0.0	0.0	25
A03_S28	Roftop Unit Outside Loblaws	715015.3	4871198.1	9.5	0	88	0.0	A	51.0	0.0	-3.0	5.8	0.4	0.0	0.0	0.0	-8.5	0.0	25
A03_S28	Roftop Unit Outside Loblaws	714996.8	4871245.6	9.5	0	88	0.0	A	52.3	0.0	-3.0	14.5	0.5	0.0	0.0	0.0	-5.4	0.0	18
A03_S53	Roftop Unit Outside Loblaws	714947.4	4871045.1	8.4	0	85	0.0	A	51.8	0.0	-1.7	0.0	0.6	0.0	0.0	0.0	-10.8	0.0	23
A03_S18	Roftop Unit Outside Loblaws	714814.1	4871046.0	8.1	0	88	0.0	A	54.8	0.0	-2.8	0.0	0.6	0.0	0.0	0.0	-9.1	0.0	26
A03_S17	Roftop Unit Outside Loblaws	714827.1	4871033.4	8.1	0	88	0.0	A	54.8	0.0	-2.5	0.0	0.6	0.0	0.0	0.0	-9.1	0.0	26
A03_S16	Roftop Unit Outside Loblaws	714840.4	4871021.2	8.1	0	88	0.0	A	54.9	0.0	-2.3	0.0	0.6	0.0	0.0	0.0	-9.1	0.0	25
A03_S51	Roftop Unit Outside Loblaws	714925.0	4871033.7	8.4	0	85	0.0	A	52.5	0.0	-1.6	0.0	0.7	0.0	0.0	0.0	-10.8	0.0	23
A03_S52	Roftop Unit Outside Loblaws	714942.8	4871032.0	8.4	0	85	0.0	A	52.7	0.0	-1.7	0.0	0.7	0.0	0.0	0.0	-10.8	0.0	22
A03_S50	Roftop Unit Outside Loblaws	714924.1	4871019.7	8.4	0	85	0.0	A	53.5	0.0	-1.7	0.0	0.7	0.0	0.0	0.0	-10.8	0.0	22
A03_S24	Roftop Unit Outside Loblaws	714762.7	4871076.6	6.5	0	88	0.0	A	56.1	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	34

Receiver: B09_R02
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	50

Receiver Name	Receiver ID	X	Y	Z
R02	B09_R02	714926.89 m	4871152.35 m	10.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_S23	Roftop Unit Outside Loblaws	714756.6	4871073.5	6.5	0	88	0.0	A	56.5	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	33
A03_S19	Roftop Unit Outside Loblaws	714812.0	4870998.1	8.1	0	88	0.0	A	56.7	0.0	-2.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	33
A03_S20	Roftop Unit Outside Loblaws	714813.8	4870994.0	8.4	0	88	0.0	A	56.8	0.0	-2.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	33
A03_S28	Roftop Unit Outside Loblaws	714702.3	4871048.1	8.4	0	88	0.0	A	58.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	31
A03_S27	Roftop Unit Outside Loblaws	714701.3	4871050.0	8.4	0	88	0.0	A	58.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	31
A03_S26	Roftop Unit Outside Loblaws	714767.2	4871077.5	6.2	0	81	0.0	A	55.9	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	26
A03_S25	Roftop Unit Outside Loblaws	714765.6	4871071.1	6.2	0	81	0.0	A	56.1	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	26
A03_S22	Roftop Unit Outside Loblaws	714789.5	4871022.4	8.1	0	81	0.0	A	56.5	0.0	-2.8	0.0	1.9	0.0	0.0	0.0	0.0	0.0	25
A03_S21	Roftop Unit Outside Loblaws	714806.7	4871000.4	8.1	0	81	0.0	A	56.7	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	24
A03_S32	Roftop Unit Outside Loblaws	714734.3	4871110.9	8.1	0	81	0.0	A	56.9	0.0	-3.0	7.7	2.0	0.0	0.0	0.0	0.0	0.0	17
A03_S33	Roftop Unit Outside Loblaws	714728.7	4871108.2	8.1	0	81	0.0	A	57.2	0.0	-3.0	7.5	2.0	0.0	0.0	0.0	0.0	0.0	17
A03_S34	Roftop Unit Outside Loblaws	714724.6	4871106.3	8.1	0	81	0.0	A	57.3	0.0	-3.0	7.3	2.1	0.0	0.0	0.0	0.0	0.0	17
A03_S35	Roftop Unit Outside Loblaws	714719.0	4871104.7	8.1	0	81	0.0	A	57.6	0.0	-3.0	7.3	2.1	0.0	0.0	0.0	0.0	0.0	17
A03_S36	Roftop Unit Outside Loblaws	714715.5	4871103.2	8.1	0	81	0.0	A	57.7	0.0	-3.0	7.2	2.1	0.0	0.0	0.0	0.0	0.0	16
A03_S37	Roftop Unit Outside Loblaws	714711.1	4871101.5	8.1	0	81	0.0	A	57.9	0.0	-3.0	7.1	2.2	0.0	0.0	0.0	0.0	0.0	16
A03_S38	Roftop Unit Outside Loblaws	714704.4	4871098.1	8.1	0	81	0.0	A	58.2	0.0	-3.0	6.9	2.2	0.0	0.0	0.0	0.0	0.0	16
A03_S39	Roftop Unit Outside Loblaws	714698.7	4871096.1	8.1	0	81	0.0	A	58.4	0.0	-3.0	6.8	2.3	0.0	0.0	0.0	0.0	0.0	16
A03_S40	Roftop Unit Outside Loblaws	714693.7	4871093.9	8.1	0	81	0.0	A	58.6	0.0	-3.0	6.7	2.3	0.0	0.0	0.0	0.0	0.0	16
A03_S42	Roftop Unit Outside Loblaws	714693.6	4871087.5	8.1	0	81	0.0	A	58.7	0.0	-3.0	6.0	2.3	0.0	0.0	0.0	0.0	0.0	17
A03_S41	Roftop Unit Outside Loblaws	714688.1	4871091.8	8.1	0	81	0.0	A	58.8	0.0	-3.0	6.6	2.3	0.0	0.0	0.0	0.0	0.0	16
A03_S43	Roftop Unit Outside Loblaws	714682.3	4871089.2	8.1	0	81	0.0	A	59.1	0.0	-3.0	6.5	2.4	0.0	0.0	0.0	0.0	0.0	16

Receiver: B09_R03
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
R03	B09_R03	714913.86 m	4871159.95 m	10.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_S81	Air Intake	714832.7	4871341.0	13.0	0	97	0.0	A	57.0	0.0	-3.0	5.3	0.6	0.0	0.0	0.0	0.0	0.0	37
A03_S15	Carrier Unit	714970.8	4871023.7	8.1	0	88	0.0	A	54.4	0.0	-2.3	4.4	0.6	0.0	0.0	0.0	-8.6	0.0	22
A03_S12	Carrier Unit	714956.3	4870993.0	8.4	0	88	0.0	A	55.7	0.0	-2.2	0.0	0.7	0.0	0.0	0.0	-9.0	0.0	24
A03_S11	Carrier Unit	714965.3	4870976.1	8.4	0	88	0.0	A	56.6	0.0	-2.2	0.0	0.8	0.0	0.0	0.0	-9.0	0.0	23
A03_S14	Carrier Unit	714951.1	4870957.5	8.1	0	88	0.0	A	57.3	0.0	-2.2	0.0	0.8	0.0	0.0	0.0	-9.0	0.0	23
A03_S13	Carrier Unit	714972.7	4870959.2	8.4	0	88	0.0	A	57.4	0.0	-2.3	0.0	0.8	0.0	0.0	0.0	-9.0	0.0	23
A03_S05	Compressor Exhaust	714969.9	4871030.0	7.4	0	82	0.0	A	54.0	0.0	-2.3	4.6	0.6	0.0	0.0	0.0	-8.8	0.0	16
A03_S06	Compressor Exhaust	714971.7	4871026.8	7.4	0	82	0.0	A	54.2	0.0	-2.3	4.6	0.6	0.0	0.0	0.0	-8.8	0.0	16
A04_S01	Condenser	714967.8	4871012.9	7.9	0	91	0.0	A	54.9	0.0	-2.1	0.0	0.5	0.0	0.0	0.0	-8.5	0.0	29
A04_S02	Condenser	714969.3	4871009.2	7.9	0	91	0.0	A	55.1	0.0	-2.2	0.0	0.5	0.0	0.0	0.0	-8.5	0.0	29
A03_S82	Condenser	714842.0	4871344.5	13.2	0	91	0.0	A	56.9	0.0	-3.0	5.2	0.6	0.0	0.0	0.0	-8.4	0.0	22
A03_S54	Drive-Thru Speaker	714774.7	4871080.3	1.0	0	72	0.0	A	55.1	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	16
A03_S79	Forklift	714851.6	4871096.9	1.2	0	52	22.0	A	50.0	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	27
A03_S79	Forklift	714835.1	4871090.0	1.2	0	52	22.0	A	51.5	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	25
A03_S79	Forklift	714831.6	4871095.0	1.2	0	52	23.3	A	51.4	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	26
A03_S79	Forklift	714831.8	4871103.0	1.2	0	52	14.6	A	51.0	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	18
A03_S79	Forklift	714838.9	4871108.1	1.2	0	52	14.2	A	50.2	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	19
A03_S79	Forklift	714847.5	4871109.5	1.2	0	52	18.9	A	49.5	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	24
A03_S79	Forklift	714857.0	4871106.6	1.2	0	52	22.7	A	48.9	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	29
A03_S79	Forklift	714821.5	4871141.7	1.2	0	52	22.7	A	50.5	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	27
A03_S79	Forklift	714828.3	4871149.2	1.2	0	52	19.7	A	49.8	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	25
A03_S79	Forklift	714812.6	4871135.5	1.2	0	52	19.9	A	51.4	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	23
A03_S79	Forklift	714815.4	4871129.4	1.2	0	52	16.8	A	51.3	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	20
A03_S79	Forklift	714815.7	4871120.3	1.2	0	52	21.9	A	51.5	0.0	-3.0	4.9	0.8	0.0	0.0	0.0	0.0	0.0	20
A03_S79	Forklift	714816.3	4871103.1	1.2	0	52	20.9	A	52.1	0.0	-3.0	4.8	0.9	0.0	0.0	0.0	0.0	0.0	19
A03_S79	Forklift	714838.5	4871145.2	1.2	0	52	22.0	A	48.8	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	28
A03_S79	Forklift	714831.6	4871137.6	1.2	0	52	15.1	A	49.7	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	20
A03_S79	Forklift	714823.9	4871113.4	1.2	0	52	22.7	A	51.1	0.0	-3.0	6.9	0.8	0.0	0.0	0.0	0.0	0.0	19
A03_S79	Forklift	714823.7	4871098.7	1.2	0	52	18.2	A	51.8	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	21
A03_S79	Forklift	714820.6	4871089.1	1.2	0	52	17.3	A	52.4	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	19
A03_S79	Forklift	714811.7	4871100.7	1.2	0	52	18.3	A	52.5	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	20
A03_S79	Forklift	714807.8	4871117.3	1.2	0	52	19.7	A	52.2	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	22
A03_S79	Forklift	714804.7	4871130.8	1.2	0	52	20.2	A	52.1	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	23
A03_S79	Forklift	714804.5	4871139.1	1.2	0	52	14.5	A	52.0	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
A04_S07	Garbage Compactor	714958.8	4871048.4	1.5	0	83	0.0	A	52.6	0.0	-2.6	3.7	0.5	0.0	0.0	0.0	0.0	0.0	21
A04_S07	Garbage Compactor	714997.4	4871005.6	1.5	0	83	0.0	A	55.9	0.0	-2.8	5.6	0.7	0.0	0.0	0.0	0.0	0.0	16
A04_S04	Idling Refrigerated Truck	714951.6	4871059.1	2.4	0	98	0.0	A	51.7	0.0	-1.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	44
A04_S04	Idling Refrigerated Truck	714983.7	4871019.7	2.4	0	98	0.0	A	54.9	0.0	-2.7	6.7	1.2	0.0	0.0	0.0	0.0	0.0	37
A03_T01	Refrigerated Truck Passby	714976.0	4871035.5	2.4	0	69	15.5	A	53.9	0.0	-2.7	6.0	0.6	0.0	0.0	0.0	0.0	0.0	26
A03_T01	Refrigerated Truck Passby	714960.1	4871067.2	2.4	0	69	15.5	A	51.3	0.0	-1.4	6.2	0.4	0.0	0.0	0.0	0.0	0.0	28
A03_T01	Refrigerated Truck Passby	714972.6	4871042.8	2.4	0	69	17.1	A	53.4	0.0	-2.3	6.1	0.5	0.0	0.0	0.0	0.0	0.0	28
A03_T01	Refrigerated Truck Passby	714961.5	4871100.4	2.4	0	69	10.4	A	48.7	0.0	-1.6	11.2	0.3	0.0	0.0	0.0	0.0	0.0	20

Receiver: B09_R03
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
R03	B09_R03	714913.86 m	4871159.95 m	10.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_T01	Refrigerated Truck Passby	714955.1	4871096.4	2.4	0	69	6.4	A	48.6	0.0	-1.7	9.2	0.3	0.0	0.0	0.0	0.0	0.0	18
A03_T01	Refrigerated Truck Passby	714952.5	4871091.0	2.4	0	69	7.5	A	49.0	0.0	-1.6	7.5	0.3	0.0	0.0	0.0	0.0	0.0	21
A03_T01	Refrigerated Truck Passby	714952.1	4871085.7	2.4	0	69	7.1	A	49.5	0.0	-1.4	6.5	0.4	0.0	0.0	0.0	0.0	0.0	21
A03_T01	Refrigerated Truck Passby	714978.6	4871062.8	2.4	0	69	9.9	A	52.4	0.0	-0.9	9.4	0.5	0.0	0.0	0.0	0.0	0.0	17
A03_T01	Refrigerated Truck Passby	714970.0	4871062.3	2.4	0	69	8.5	A	52.1	0.0	-1.8	7.7	0.5	0.0	0.0	0.0	0.0	0.0	19
A03_T01	Refrigerated Truck Passby	714963.4	4871064.3	2.4	0	69	7.3	A	51.7	0.0	-1.5	6.6	0.5	0.0	0.0	0.0	0.0	0.0	19
A03_T03	Refrigerated Truck Passby	714960.3	4871102.2	2.4	0	66	11.4	A	48.5	0.0	-1.6	11.3	0.3	0.0	0.0	0.0	0.0	0.0	18
A03_T03	Refrigerated Truck Passby	714948.4	4871093.0	2.4	0	66	4.9	A	48.6	0.0	-1.4	6.6	0.3	0.0	0.0	0.0	0.0	0.0	16
A03_T03	Refrigerated Truck Passby	714950.6	4871096.1	2.4	0	66	6.5	A	48.4	0.0	-1.5	7.8	0.3	0.0	0.0	0.0	0.0	0.0	17
A03_T03	Refrigerated Truck Passby	714947.3	4871081.3	2.4	0	66	3.7	A	49.7	0.0	-1.3	4.7	0.4	0.0	0.0	0.0	0.0	0.0	16
A03_T03	Refrigerated Truck Passby	714947.4	4871087.1	2.4	0	66	9.7	A	49.1	0.0	-1.4	5.4	0.4	0.0	0.0	0.0	0.0	0.0	22
A03_T03	Refrigerated Truck Passby	714956.2	4871070.4	2.4	0	66	11.3	A	50.9	0.0	-1.4	5.6	0.4	0.0	0.0	0.0	0.0	0.0	21
A03_T03	Refrigerated Truck Passby	714947.6	4871076.5	2.4	0	66	8.4	A	50.1	0.0	-1.2	4.3	0.4	0.0	0.0	0.0	0.0	0.0	20
A03_T03	Refrigerated Truck Passby	714948.4	4871070.8	2.4	0	66	6.6	A	50.6	0.0	-1.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	22
A03_T03	Refrigerated Truck Passby	714950.1	4871064.4	2.4	0	66	11.2	A	51.2	0.0	-1.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	26
A03_T03	Refrigerated Truck Passby	714947.7	4871072.4	2.4	0	66	5.5	A	50.5	0.0	-1.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	21
A03_T03	Refrigerated Truck Passby	714947.5	4871077.2	2.4	0	66	7.8	A	50.1	0.0	-1.3	4.4	0.4	0.0	0.0	0.0	0.0	0.0	20
A03_T03	Refrigerated Truck Passby	714949.1	4871077.4	2.4	0	66	8.1	A	50.1	0.0	-1.4	4.7	0.4	0.0	0.0	0.0	0.0	0.0	20
A03_T03	Refrigerated Truck Passby	714949.7	4871065.3	2.4	0	66	8.2	A	51.1	0.0	-1.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	23
A03_T03	Refrigerated Truck Passby	714969.8	4871062.3	2.4	0	66	8.2	A	52.0	0.0	-1.8	7.7	0.5	0.0	0.0	0.0	0.0	0.0	15
A03_T03	Refrigerated Truck Passby	714963.3	4871064.2	2.4	0	66	7.5	A	51.7	0.0	-1.5	6.5	0.5	0.0	0.0	0.0	0.0	0.0	16
A03_T03	Refrigerated Truck Passby	714951.5	4871060.2	2.4	0	66	6.3	A	51.6	0.0	-1.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	21
A03_T02	Regular Truck Passby	714975.8	4871035.9	2.4	0	59	15.5	A	53.9	0.0	-2.7	6.0	0.6	0.0	0.0	0.0	0.0	0.0	17
A03_T02	Regular Truck Passby	714960.1	4871067.4	2.4	0	59	15.5	A	51.3	0.0	-1.4	6.2	0.4	0.0	0.0	0.0	0.0	0.0	18
A03_T02	Regular Truck Passby	714972.5	4871043.1	2.4	0	59	17.1	A	53.3	0.0	-2.3	6.1	0.5	0.0	0.0	0.0	0.0	0.0	18
A03_T03	Regular Truck Passby	714780.2	4871041.5	2.4	0	57	18.8	A	56.0	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	22
A03_T03	Regular Truck Passby	714818.9	4871057.9	2.4	0	57	12.8	A	53.9	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	19
A03_T04	Regular Truck Passby	714950.1	4871064.4	2.4	0	56	11.2	A	51.2	0.0	-1.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	16
A03_S03	Return Air Exhaust	714850.6	4871348.4	13.0	0	98	0.0	A	57.0	0.0	-3.0	14.9	1.6	0.0	0.0	0.0	0.0	0.0	28
A03_S18	Roftop Unit Outside Loblaws	714814.1	4871046.0	8.1	0	88	0.0	A	54.6	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-9.2	0.0	26
A03_S17	Roftop Unit Outside Loblaws	714827.1	4871033.4	8.1	0	88	0.0	A	54.7	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	-9.1	0.0	26
A03_S16	Roftop Unit Outside Loblaws	714840.4	4871021.2	8.1	0	88	0.0	A	54.9	0.0	-2.6	0.0	0.6	0.0	0.0	0.0	-9.1	0.0	26
A03_S53	Roftop Unit Outside Loblaws	714947.4	4871045.1	8.4	0	85	0.0	A	52.6	0.0	-1.7	0.0	0.7	0.0	0.0	0.0	-10.8	0.0	23
A03_S51	Roftop Unit Outside Loblaws	714925.0	4871033.7	8.4	0	85	0.0	A	53.1	0.0	-1.7	0.0	0.7	0.0	0.0	0.0	-10.8	0.0	22
A03_S24	Roftop Unit Outside Loblaws	714762.7	4871076.6	6.5	0	88	0.0	A	55.7	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	34
A03_S52	Roftop Unit Outside Loblaws	714942.8	4871032.0	8.4	0	85	0.0	A	53.4	0.0	-1.8	0.0	0.7	0.0	0.0	0.0	-10.8	0.0	22
A03_S23	Roftop Unit Outside Loblaws	714756.6	4871073.5	6.5	0	88	0.0	A	56.1	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	34
A03_S19	Roftop Unit Outside Loblaws	714812.0	4870998.1	8.1	0	88	0.0	A	56.6	0.0	-2.8	0.0	0.8	0.0	0.0	0.0	0.0	0.0	33
A03_S50	Roftop Unit Outside Loblaws	714924.1	4871019.7	8.4	0	85	0.0	A	54.0	0.0	-1.8	0.0	0.8	0.0	0.0	0.0	-10.8	0.0	21
A03_S20	Roftop Unit Outside Loblaws	714813.8	4870994.0	8.4	0	88	0.0	A	56.7	0.0	-2.8	0.0	0.8	0.0	0.0	0.0	0.0	0.0	33
A03_S27	Roftop Unit Outside Loblaws	714701.3	4871050.0	8.4	0	88	0.0	A	58.6	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	31
A03_S28	Roftop Unit Outside Loblaws	714702.3	4871048.1	8.4	0	88	0.0	A	58.6	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	31

Receiver: B09_R03
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	48

Receiver Name	Receiver ID	X	Y	Z
R03	B09_R03	714913.86 m	4871159.95 m	10.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_S87	Roftop Unit Outside Loblaws	714813.3	4871403.0	8.4	0	88	0.0	A	59.4	0.0	-3.0	11.6	1.0	0.0	0.0	0.0	0.0	0.0	19
A03_S88	Roftop Unit Outside Loblaws	714819.0	4871405.4	8.4	0	88	0.0	A	59.4	0.0	-3.0	11.6	1.0	0.0	0.0	0.0	0.0	0.0	19
A03_S48	Roftop Unit Outside Loblaws	714614.9	4871341.9	8.4	0	88	0.0	A	61.9	0.0	-2.4	0.0	1.3	0.0	0.0	0.0	0.0	0.0	27
A03_S47	Roftop Unit Outside Loblaws	714609.3	4871337.3	8.4	0	88	0.0	A	61.9	0.0	-2.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	27
A03_S29	Roftop Unit Outside Loblaws	714752.0	4871118.8	8.1	0	81	0.0	A	55.5	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-11.1	0.0	15
A03_S26	Roftop Unit Outside Loblaws	714767.2	4871077.5	6.2	0	81	0.0	A	55.5	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	26
A03_S25	Roftop Unit Outside Loblaws	714765.6	4871071.1	6.2	0	81	0.0	A	55.8	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	26
A03_S30	Roftop Unit Outside Loblaws	714746.1	4871116.2	8.1	0	81	0.0	A	55.8	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-9.6	0.0	16
A03_S22	Roftop Unit Outside Loblaws	714789.5	4871022.4	8.1	0	81	0.0	A	56.4	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	25
A03_S32	Roftop Unit Outside Loblaws	714734.3	4871110.9	8.1	0	81	0.0	A	56.4	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	25
A03_S21	Roftop Unit Outside Loblaws	714806.7	4871000.4	8.1	0	81	0.0	A	56.7	0.0	-2.9	0.0	2.0	0.0	0.0	0.0	0.0	0.0	25
A03_S33	Roftop Unit Outside Loblaws	714728.7	4871108.2	8.1	0	81	0.0	A	56.7	0.0	-3.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	25
A03_S34	Roftop Unit Outside Loblaws	714724.6	4871106.3	8.1	0	81	0.0	A	56.9	0.0	-3.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	25
A03_S35	Roftop Unit Outside Loblaws	714719.0	4871104.7	8.1	0	81	0.0	A	57.1	0.0	-3.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	24
A03_S36	Roftop Unit Outside Loblaws	714715.5	4871103.2	8.1	0	81	0.0	A	57.3	0.0	-3.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	24
A03_S37	Roftop Unit Outside Loblaws	714711.1	4871101.5	8.1	0	81	0.0	A	57.5	0.0	-3.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	24
A03_S38	Roftop Unit Outside Loblaws	714704.4	4871098.1	8.1	0	81	0.0	A	57.8	0.0	-3.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	24
A03_S39	Roftop Unit Outside Loblaws	714698.7	4871096.1	8.1	0	81	0.0	A	58.0	0.0	-3.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	23
A03_S40	Roftop Unit Outside Loblaws	714693.7	4871093.9	8.1	0	81	0.0	A	58.2	0.0	-3.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	23
A03_S42	Roftop Unit Outside Loblaws	714693.6	4871087.5	8.1	0	81	0.0	A	58.3	0.0	-3.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	23
A03_S41	Roftop Unit Outside Loblaws	714688.1	4871091.8	8.1	0	81	0.0	A	58.5	0.0	-3.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	23
A03_S43	Roftop Unit Outside Loblaws	714682.3	4871089.2	8.1	0	81	0.0	A	58.7	0.0	-3.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	23
A03_S45	Roftop Unit Outside Loblaws	714618.4	4871326.7	8.1	0	81	0.0	A	61.6	0.0	-2.5	0.0	3.0	0.0	0.0	0.0	0.0	0.0	18
A03_S46	Roftop Unit Outside Loblaws	714609.0	4871341.4	8.1	0	81	0.0	A	62.0	0.0	-2.4	0.0	3.1	0.0	0.0	0.0	0.0	0.0	18
A03_S44	Roftop Unit Outside Loblaws	714609.7	4871350.8	8.1	0	81	0.0	A	62.1	0.0	-2.3	0.0	3.1	0.0	0.0	0.0	0.0	0.0	18

Receiver: B09_R04
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R04	B09_R04	714874.11 m	4871149.40 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_S81	Air Intake	714832.7	4871341.0	13.0	0	97	0.0	A	56.9	0.0	-3.0	12.7	0.6	0.0	0.0	0.0	0.0	0.0	29
A03_S14	Carrier Unit	714951.1	4870957.5	8.1	0	88	0.0	A	57.3	0.0	-2.1	7.2	0.8	0.0	0.0	0.0	-8.2	0.0	16
A04_S01	Condenser	714967.8	4871012.9	7.9	0	91	0.0	A	55.4	0.0	-1.9	14.2	0.5	0.0	0.0	0.0	-6.9	0.0	16
A04_S02	Condenser	714969.3	4871009.2	7.9	0	91	0.0	A	55.6	0.0	-2.0	14.1	0.5	0.0	0.0	0.0	-6.9	0.0	15
A03_S82	Condenser	714842.0	4871344.5	13.2	0	91	0.0	A	56.9	0.0	-3.0	9.1	0.6	0.0	0.0	0.0	-7.6	0.0	19
A03_S79	Forklift	714826.3	4871142.5	1.2	0	52	18.5	A	44.7	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	29
A03_S79	Forklift	714833.2	4871150.1	1.2	0	52	18.5	A	43.2	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	30
A03_S79	Forklift	714817.8	4871142.3	1.2	0	52	21.5	A	46.1	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	30
A03_S79	Forklift	714840.8	4871147.7	1.2	0	52	19.8	A	41.5	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	33
A03_S79	Forklift	714838.2	4871141.7	1.2	0	52	16.8	A	42.3	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	29
A03_S79	Forklift	714829.6	4871138.5	1.2	0	52	16.8	A	44.2	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28
A03_S79	Forklift	714843.2	4871106.7	1.2	0	52	19.4	A	45.4	0.0	-3.0	12.5	0.4	0.0	0.0	0.0	0.0	0.0	16
A03_S79	Forklift	714852.5	4871110.1	1.2	0	52	19.4	A	44.0	0.0	-3.0	9.8	0.4	0.0	0.0	0.0	0.0	0.0	20
A03_S79	Forklift	714856.4	4871108.8	1.2	0	52	11.5	A	43.9	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	23
A03_S79	Forklift	714860.3	4871105.9	1.2	0	52	20.2	A	44.2	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	31
A03_S79	Forklift	714855.8	4871097.4	1.2	0	52	19.1	A	45.8	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	28
A03_S79	Forklift	714834.4	4871091.4	1.2	0	52	24.4	A	47.9	0.0	-3.0	10.2	0.6	0.0	0.0	0.0	0.0	0.0	21
A03_S79	Forklift	714846.4	4871099.4	1.2	0	52	19.3	A	46.1	0.0	-3.0	8.6	0.5	0.0	0.0	0.0	0.0	0.0	19
A03_S79	Forklift	714828.8	4871096.6	1.2	0	52	20.5	A	47.9	0.0	-3.0	11.8	0.6	0.0	0.0	0.0	0.0	0.0	16
A03_S79	Forklift	714812.6	4871135.4	1.2	0	52	19.9	A	47.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	28
A03_S79	Forklift	714815.4	4871127.3	1.2	0	52	19.7	A	46.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	28
A03_S79	Forklift	714816.9	4871116.6	1.2	0	52	20.8	A	47.4	0.0	-3.0	12.4	0.5	0.0	0.0	0.0	0.0	0.0	16
A03_S79	Forklift	714822.4	4871128.7	1.2	0	52	10.0	A	45.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	19
A03_S79	Forklift	714823.6	4871108.6	1.2	0	52	22.8	A	47.2	0.0	-3.0	13.9	0.5	0.0	0.0	0.0	0.0	0.0	16
A03_S79	Forklift	714805.2	4871128.6	1.2	0	52	21.3	A	48.2	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	28
A03_S79	Forklift	714804.5	4871139.0	1.2	0	52	14.7	A	47.9	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	21
A03_S81	Forklift	714764.6	4871418.5	1.0	0	83	0.0	A	60.3	0.0	-5.2	5.0	1.9	0.0	0.0	0.0	0.0	0.0	21
A04_S04	Idling Refrigerated Truck	714951.6	4871059.1	2.4	0	98	0.0	A	52.5	0.0	-1.6	16.5	0.9	0.0	0.0	0.0	0.0	0.0	27
A04_S04	Idling Refrigerated Truck	714983.7	4871019.7	2.4	0	98	0.0	A	55.6	0.0	-2.9	21.4	1.3	0.0	0.0	0.0	0.0	0.0	21
A03_T01	Refrigerated Truck Passby	714970.6	4871046.2	2.4	0	69	16.8	A	54.0	0.0	-1.8	15.2	0.6	0.0	0.0	0.0	0.0	0.0	17
A03_T01	Refrigerated Truck Passby	714971.4	4871045.3	2.4	0	69	16.6	A	54.1	0.0	-1.8	15.2	0.6	0.0	0.0	0.0	0.0	0.0	17
A03_T03	Regular Truck Passby	714786.9	4871049.0	2.4	0	57	17.5	A	53.5	0.0	-3.4	6.6	0.6	0.0	0.0	0.0	0.0	0.0	17
A03_T03	Regular Truck Passby	714749.4	4871007.6	2.4	0	57	17.5	A	56.5	0.0	-4.1	6.0	0.8	0.0	0.0	0.0	0.0	0.0	15
A03_T03	Regular Truck Passby	714820.5	4871056.5	2.4	0	57	13.7	A	51.6	0.0	-3.0	5.0	0.5	0.0	0.0	0.0	0.0	0.0	17
A03_S03	Return Air Exhaust	714850.6	4871348.4	13.0	0	98	0.0	A	57.1	0.0	-3.0	16.6	1.6	0.0	0.0	0.0	0.0	0.0	26
A03_S18	Roftop Unit Outside Loblaws	714814.1	4871046.0	8.1	0	88	0.0	A	52.6	0.0	-3.0	4.8	0.5	0.0	0.0	0.0	-9.4	0.0	23
A03_S17	Roftop Unit Outside Loblaws	714827.1	4871033.4	8.1	0	88	0.0	A	53.0	0.0	-3.0	3.8	0.5	0.0	0.0	0.0	-8.9	0.0	25
A03_S16	Roftop Unit Outside Loblaws	714840.4	4871021.2	8.1	0	88	0.0	A	53.5	0.0	-3.0	5.2	0.6	0.0	0.0	0.0	-9.2	0.0	22
A03_S24	Roftop Unit Outside Loblaws	714762.7	4871076.6	6.5	0	88	0.0	A	53.5	0.0	-3.0	4.9	0.6	0.0	0.0	0.0	0.0	0.0	32
A03_S23	Roftop Unit Outside Loblaws	714756.6	4871073.5	6.5	0	88	0.0	A	53.9	0.0	-3.0	4.9	0.6	0.0	0.0	0.0	0.0	0.0	31
A03_S19	Roftop Unit Outside Loblaws	714812.0	4870998.1	8.1	0	88	0.0	A	55.3	0.0	-3.0	5.1	0.7	0.0	0.0	0.0	0.0	0.0	30
A03_S20	Roftop Unit Outside Loblaws	714813.8	4870994.0	8.4	0	88	0.0	A	55.4	0.0	-3.0	5.1	0.7	0.0	0.0	0.0	0.0	0.0	29

Receiver: B09_R04
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R04	B09_R04	714874.11 m	4871149.40 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_S51	Rooftop Unit Outside Loblaws	714925.0	4871033.7	8.4	0	85	0.0	A	53.0	0.0	-1.9	4.3	0.7	0.0	0.0	0.0	-10.9	0.0	18
A03_S50	Rooftop Unit Outside Loblaws	714924.1	4871019.7	8.4	0	85	0.0	A	53.9	0.0	-2.0	1.8	0.8	0.0	0.0	0.0	-11.1	0.0	19
A03_S27	Rooftop Unit Outside Loblaws	714701.3	4871050.0	8.4	0	88	0.0	A	57.0	0.0	-3.0	3.9	0.8	0.0	0.0	0.0	0.0	0.0	29
A03_S28	Rooftop Unit Outside Loblaws	714702.3	4871048.1	8.4	0	88	0.0	A	57.0	0.0	-3.0	4.0	0.8	0.0	0.0	0.0	0.0	0.0	29
A03_S86	Rooftop Unit Outside Loblaws	714909.2	4871414.0	9.5	0	88	0.0	A	59.5	0.0	-3.0	13.1	1.0	0.0	0.0	0.0	0.0	0.0	17
A03_S84	Rooftop Unit Outside Loblaws	714902.6	4871426.6	9.5	0	88	0.0	A	59.9	0.0	-3.0	12.9	1.1	0.0	0.0	0.0	0.0	0.0	17
A03_S29	Rooftop Unit Outside Loblaws	714752.0	4871118.8	8.1	0	81	0.0	A	53.0	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	-11.4	0.0	18
A03_S26	Rooftop Unit Outside Loblaws	714767.2	4871077.5	6.2	0	81	0.0	A	53.2	0.0	-3.0	5.1	1.5	0.0	0.0	0.0	0.0	0.0	24
A03_S30	Rooftop Unit Outside Loblaws	714746.1	4871116.2	8.1	0	81	0.0	A	53.4	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-9.9	0.0	19
A03_S25	Rooftop Unit Outside Loblaws	714765.6	4871071.1	6.2	0	81	0.0	A	53.5	0.0	-3.0	5.1	1.5	0.0	0.0	0.0	0.0	0.0	23
A03_S31	Rooftop Unit Outside Loblaws	714740.5	4871113.9	8.1	0	81	0.0	A	53.8	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-11.3	0.0	17
A03_S48	Rooftop Unit Outside Loblaws	714614.9	4871341.9	8.4	0	88	0.0	A	61.2	0.0	-3.1	0.0	1.2	0.0	0.0	0.0	0.0	0.0	28
A03_S47	Rooftop Unit Outside Loblaws	714609.3	4871337.3	8.4	0	88	0.0	A	61.2	0.0	-3.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	28
A03_S32	Rooftop Unit Outside Loblaws	714734.3	4871110.9	8.1	0	81	0.0	A	54.2	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	28
A03_S33	Rooftop Unit Outside Loblaws	714728.7	4871108.2	8.1	0	81	0.0	A	54.6	0.0	-3.0	4.8	1.6	0.0	0.0	0.0	0.0	0.0	23
A03_S22	Rooftop Unit Outside Loblaws	714789.5	4871022.4	8.1	0	81	0.0	A	54.7	0.0	-3.0	5.3	1.7	0.0	0.0	0.0	0.0	0.0	22
A03_S34	Rooftop Unit Outside Loblaws	714724.6	4871106.3	8.1	0	81	0.0	A	54.9	0.0	-3.0	4.8	1.7	0.0	0.0	0.0	0.0	0.0	22
A03_S35	Rooftop Unit Outside Loblaws	714719.0	4871104.7	8.1	0	81	0.0	A	55.2	0.0	-3.0	4.8	1.7	0.0	0.0	0.0	0.0	0.0	22
A03_S21	Rooftop Unit Outside Loblaws	714806.7	4871000.4	8.1	0	81	0.0	A	55.3	0.0	-3.0	5.2	1.7	0.0	0.0	0.0	0.0	0.0	21
A03_S36	Rooftop Unit Outside Loblaws	714715.5	4871103.2	8.1	0	81	0.0	A	55.4	0.0	-3.0	4.8	1.8	0.0	0.0	0.0	0.0	0.0	22
A03_S37	Rooftop Unit Outside Loblaws	714711.1	4871101.5	8.1	0	81	0.0	A	55.6	0.0	-3.0	4.8	1.8	0.0	0.0	0.0	0.0	0.0	21
A03_S38	Rooftop Unit Outside Loblaws	714704.4	4871098.1	8.1	0	81	0.0	A	56.0	0.0	-3.0	4.8	1.8	0.0	0.0	0.0	0.0	0.0	21
A03_S39	Rooftop Unit Outside Loblaws	714698.7	4871096.1	8.1	0	81	0.0	A	56.3	0.0	-3.0	4.6	1.9	0.0	0.0	0.0	0.0	0.0	21
A03_S40	Rooftop Unit Outside Loblaws	714693.7	4871093.9	8.1	0	81	0.0	A	56.5	0.0	-3.0	4.6	1.9	0.0	0.0	0.0	0.0	0.0	20
A03_S42	Rooftop Unit Outside Loblaws	714693.6	4871087.5	8.1	0	81	0.0	A	56.6	0.0	-3.0	3.9	1.9	0.0	0.0	0.0	0.0	0.0	21
A03_S41	Rooftop Unit Outside Loblaws	714688.1	4871091.8	8.1	0	81	0.0	A	56.8	0.0	-3.0	4.6	2.0	0.0	0.0	0.0	0.0	0.0	20
A03_S43	Rooftop Unit Outside Loblaws	714682.3	4871089.2	8.1	0	81	0.0	A	57.1	0.0	-3.0	4.6	2.0	0.0	0.0	0.0	0.0	0.0	20
A03_S45	Rooftop Unit Outside Loblaws	714618.4	4871326.7	8.1	0	81	0.0	A	60.9	0.0	-3.1	0.0	2.8	0.0	0.0	0.0	0.0	0.0	20
A03_S46	Rooftop Unit Outside Loblaws	714609.0	4871341.4	8.1	0	81	0.0	A	61.3	0.0	-3.2	0.0	2.9	0.0	0.0	0.0	0.0	0.0	20
A03_S44	Rooftop Unit Outside Loblaws	714609.7	4871350.8	8.1	0	81	0.0	A	61.4	0.0	-3.2	0.0	2.9	0.0	0.0	0.0	0.0	0.0	19

Receiver: B09_R05
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
R05	B09_R05	714849.31 m	4871194.06 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_S81	Air Intake	714832.7	4871341.0	13.0	0	97	0.0	A	54.4	0.0	-3.0	20.5	0.5	0.0	0.0	0.0	0.0	0.0	24
A03_S15	Carrier Unit	714970.8	4871023.7	8.1	0	88	0.0	A	57.4	0.0	-2.6	4.8	0.8	0.0	0.0	0.0	-9.2	0.0	18
A03_S12	Carrier Unit	714956.3	4870993.0	8.4	0	88	0.0	A	58.2	0.0	-2.6	4.8	0.9	0.0	0.0	0.0	-9.1	0.0	17
A03_S11	Carrier Unit	714965.3	4870976.1	8.4	0	88	0.0	A	58.9	0.0	-2.7	4.8	1.0	0.0	0.0	0.0	-9.1	0.0	17
A03_S14	Carrier Unit	714951.1	4870957.5	8.1	0	88	0.0	A	59.2	0.0	-2.7	4.5	1.0	0.0	0.0	0.0	-8.7	0.0	17
A03_S13	Carrier Unit	714972.7	4870959.2	8.4	0	88	0.0	A	59.5	0.0	-2.7	4.8	1.0	0.0	0.0	0.0	-9.1	0.0	16
A04_S01	Condenser	714967.8	4871012.9	7.9	0	91	0.0	A	57.7	0.0	-2.6	4.8	0.6	0.0	0.0	0.0	-8.6	0.0	21
A04_S02	Condenser	714969.3	4871009.2	7.9	0	91	0.0	A	57.9	0.0	-2.6	4.8	0.6	0.0	0.0	0.0	-8.6	0.0	21
A03_S54	Drive-Thru Speaker	714774.7	4871080.3	1.0	0	72	0.0	A	53.7	0.0	-4.3	0.0	0.7	0.0	0.0	0.0	0.0	0.0	19
A03_S79	Forklift	714826.3	4871142.5	1.2	0	52	18.5	A	46.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	27
A03_S79	Forklift	714833.2	4871150.1	1.2	0	52	18.5	A	44.4	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	29
A03_S79	Forklift	714817.8	4871142.3	1.2	0	52	21.5	A	46.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	30
A03_S79	Forklift	714840.8	4871147.7	1.2	0	52	19.8	A	44.5	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	30
A03_S79	Forklift	714833.9	4871140.1	1.2	0	52	19.8	A	46.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	29
A03_S79	Forklift	714813.3	4871129.9	1.2	0	52	23.1	A	48.3	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	30
A03_S79	Forklift	714816.5	4871121.9	1.2	0	52	12.6	A	49.0	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	18
A03_S79	Forklift	714816.9	4871110.9	1.2	0	52	22.6	A	50.0	0.0	-3.3	0.0	0.7	0.0	0.0	0.0	0.0	0.0	27
A03_S79	Forklift	714825.3	4871100.5	1.2	0	52	21.0	A	50.7	0.0	-3.5	9.4	0.8	0.0	0.0	0.0	0.0	0.0	16
A03_S79	Forklift	714822.1	4871103.8	1.2	0	52	21.1	A	50.5	0.0	-3.4	6.7	0.7	0.0	0.0	0.0	0.0	0.0	19
A03_S79	Forklift	714822.2	4871119.7	1.2	0	52	18.4	A	49.0	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	24
A03_S79	Forklift	714806.1	4871125.7	1.2	0	52	23.5	A	49.2	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	29
A03_S79	Forklift	714811.9	4871100.5	1.2	0	52	18.1	A	51.1	0.0	-3.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	22
A03_S79	Forklift	714829.9	4871091.1	1.2	0	52	24.4	A	51.4	0.0	-3.7	10.2	0.8	0.0	0.0	0.0	0.0	0.0	18
A03_S79	Forklift	714846.5	4871098.0	1.2	0	52	24.4	A	50.7	0.0	-3.5	11.9	0.8	0.0	0.0	0.0	0.0	0.0	17
A03_S79	Forklift	714852.7	4871107.5	1.2	0	52	24.7	A	49.8	0.0	-3.2	13.2	0.7	0.0	0.0	0.0	0.0	0.0	17
A04_S07	Garbage Compactor	714958.8	4871048.4	1.5	0	83	0.0	A	56.2	0.0	-3.0	6.0	0.7	0.0	0.0	0.0	0.0	0.0	15
A03_S60	Idling Car	714774.1	4871087.6	1.0	0	67	0.0	A	53.3	0.0	-4.3	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
A03_S61	Idling Car	714775.8	4871084.4	1.0	0	67	0.0	A	53.4	0.0	-4.3	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
A03_S59	Idling Car	714770.2	4871088.0	1.0	0	67	0.0	A	53.4	0.0	-4.3	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
A03_S62	Idling Car	714777.3	4871081.1	1.0	0	67	0.0	A	53.5	0.0	-4.3	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
A03_S58	Idling Car	714766.7	4871086.4	1.0	0	67	0.0	A	53.7	0.0	-4.3	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
A03_S63	Idling Car	714778.8	4871077.8	1.0	0	67	0.0	A	53.7	0.0	-4.3	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
A03_S77	Idling Car	714780.1	4871074.6	1.0	0	67	0.0	A	53.8	0.0	-4.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
A03_S57	Idling Car	714762.1	4871084.3	1.0	0	67	0.0	A	53.9	0.0	-4.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
A03_S56	Idling Car	714757.5	4871082.2	1.0	0	67	0.0	A	54.2	0.0	-4.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	16
A03_S55	Idling Car	714753.0	4871080.1	1.0	0	67	0.0	A	54.5	0.0	-4.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	16
A04_S04	Idling Refrigerated Truck	714951.6	4871059.1	2.4	0	98	0.0	A	55.6	0.0	-2.6	7.2	1.3	0.0	0.0	0.0	0.0	0.0	34
A04_S04	Idling Refrigerated Truck	714983.7	4871019.7	2.4	0	98	0.0	A	57.9	0.0	-3.7	18.1	1.6	0.0	0.0	0.0	0.0	0.0	23
A03_T01	Refrigerated Truck Passby	714981.8	4871023.8	2.4	0	69	9.7	A	57.7	0.0	-3.6	6.0	0.8	0.0	0.0	0.0	0.0	0.0	17
A03_T01	Refrigerated Truck Passby	714966.0	4871055.6	2.4	0	69	17.9	A	56.2	0.0	-2.6	6.7	0.7	0.0	0.0	0.0	0.0	0.0	25
A03_T01	Refrigerated Truck Passby	714970.7	4871046.8	2.4	0	69	16.3	A	56.6	0.0	-2.8	6.5	0.8	0.0	0.0	0.0	0.0	0.0	24
A03_T01	Refrigerated Truck Passby	714981.9	4871023.6	2.4	0	69	9.5	A	57.7	0.0	-3.6	6.0	0.8	0.0	0.0	0.0	0.0	0.0	17

Receiver: B09_R05
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
R05	B09_R05	714849.31 m	4871194.06 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_T01	Refrigerated Truck Passby	714961.5	4871100.4	2.4	0	69	10.4	A	54.3	0.0	-2.4	8.3	0.6	0.0	0.0	0.0	0.0	0.0	18
A03_T01	Refrigerated Truck Passby	714952.5	4871091.0	2.4	0	69	7.5	A	54.3	0.0	-2.4	7.7	0.6	0.0	0.0	0.0	0.0	0.0	16
A03_T01	Refrigerated Truck Passby	714954.8	4871095.9	2.4	0	69	7.4	A	54.2	0.0	-2.3	7.9	0.6	0.0	0.0	0.0	0.0	0.0	16
A03_T01	Refrigerated Truck Passby	714969.5	4871062.3	2.4	0	69	9.1	A	56.0	0.0	-2.8	7.0	0.7	0.0	0.0	0.0	0.0	0.0	17
A03_T01	Refrigerated Truck Passby	714952.1	4871085.7	2.4	0	69	7.1	A	54.5	0.0	-2.3	7.6	0.6	0.0	0.0	0.0	0.0	0.0	15
A03_T03	Refrigerated Truck Passby	714960.3	4871102.2	2.4	0	66	11.4	A	54.2	0.0	-2.4	8.3	0.6	0.0	0.0	0.0	0.0	0.0	16
A03_T03	Refrigerated Truck Passby	714947.4	4871086.0	2.4	0	66	10.7	A	54.3	0.0	-2.2	7.5	0.6	0.0	0.0	0.0	0.0	0.0	16
A03_T03	Refrigerated Truck Passby	714956.2	4871070.4	2.4	0	66	11.3	A	55.3	0.0	-2.2	7.1	0.7	0.0	0.0	0.0	0.0	0.0	16
A03_T03	Refrigerated Truck Passby	714950.6	4871096.1	2.4	0	66	10.3	A	54.0	0.0	-2.3	7.8	0.6	0.0	0.0	0.0	0.0	0.0	16
A03_T03	Refrigerated Truck Passby	714947.9	4871074.2	2.4	0	66	10.6	A	54.8	0.0	-2.0	7.0	0.6	0.0	0.0	0.0	0.0	0.0	16
A03_T03	Regular Truck Passby	714786.9	4871049.0	2.4	0	57	17.5	A	55.0	0.0	-3.8	0.0	0.6	0.0	0.0	0.0	0.0	0.0	23
A03_T03	Regular Truck Passby	714749.4	4871007.6	2.4	0	57	17.5	A	57.5	0.0	-4.3	0.0	0.8	0.0	0.0	0.0	0.0	0.0	21
A03_T03	Regular Truck Passby	714822.8	4871054.2	2.4	0	57	14.8	A	54.1	0.0	-3.5	5.2	0.6	0.0	0.0	0.0	0.0	0.0	16
A03_T02	Regular Truck Passby	714966.0	4871055.5	2.4	0	59	17.9	A	56.2	0.0	-2.6	6.7	0.7	0.0	0.0	0.0	0.0	0.0	16
A03_S03	Return Air Exhaust	714850.6	4871348.4	13.0	0	98	0.0	A	54.8	0.0	-3.0	22.1	1.3	0.0	0.0	0.0	0.0	0.0	23
A03_S24	Roftop Unit Outside Loblaws	714762.7	4871076.6	6.5	0	88	0.0	A	54.3	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	36
A03_S23	Roftop Unit Outside Loblaws	714756.6	4871073.5	6.5	0	88	0.0	A	54.6	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	35
A03_S18	Roftop Unit Outside Loblaws	714814.1	4871046.0	8.1	0	88	0.0	A	54.7	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-9.3	0.0	26
A03_S17	Roftop Unit Outside Loblaws	714827.1	4871033.4	8.1	0	88	0.0	A	55.2	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-9.3	0.0	26
A03_S16	Roftop Unit Outside Loblaws	714840.4	4871021.2	8.1	0	88	0.0	A	55.8	0.0	-3.0	4.8	0.7	0.0	0.0	0.0	-9.3	0.0	20
A03_S19	Roftop Unit Outside Loblaws	714812.0	4870998.1	8.1	0	88	0.0	A	57.0	0.0	-3.0	4.8	0.8	0.0	0.0	0.0	0.0	0.0	28
A03_S20	Roftop Unit Outside Loblaws	714813.8	4870994.0	8.4	0	88	0.0	A	57.2	0.0	-3.0	4.8	0.8	0.0	0.0	0.0	0.0	0.0	28
A03_S27	Roftop Unit Outside Loblaws	714701.3	4871050.0	8.4	0	88	0.0	A	57.3	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	33
A03_S28	Roftop Unit Outside Loblaws	714702.3	4871048.1	8.4	0	88	0.0	A	57.3	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	33
A03_S86	Roftop Unit Outside Loblaws	714909.2	4871414.0	9.5	0	88	0.0	A	58.2	0.0	-3.0	14.3	0.9	0.0	0.0	0.0	0.0	0.0	17
A03_S85	Roftop Unit Outside Loblaws	714923.1	4871418.5	9.5	0	88	0.0	A	58.5	0.0	-3.0	14.1	0.9	0.0	0.0	0.0	0.0	0.0	17
A03_S51	Roftop Unit Outside Loblaws	714925.0	4871033.7	8.4	0	85	0.0	A	56.0	0.0	-2.5	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	20
A03_S53	Roftop Unit Outside Loblaws	714947.4	4871045.1	8.4	0	85	0.0	A	56.0	0.0	-2.5	2.0	1.0	0.0	0.0	0.0	-10.9	0.0	18
A03_S52	Roftop Unit Outside Loblaws	714942.8	4871032.0	8.4	0	85	0.0	A	56.4	0.0	-2.6	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	19
A03_S50	Roftop Unit Outside Loblaws	714924.1	4871019.7	8.4	0	85	0.0	A	56.6	0.0	-2.6	0.0	1.0	0.0	0.0	0.0	-11.0	0.0	19
A03_S48	Roftop Unit Outside Loblaws	714614.9	4871341.9	8.4	0	88	0.0	A	59.9	0.0	-2.7	12.6	1.1	0.0	0.0	0.0	0.0	0.0	17
A03_S47	Roftop Unit Outside Loblaws	714609.3	4871337.3	8.4	0	88	0.0	A	59.9	0.0	-2.8	12.5	1.1	0.0	0.0	0.0	0.0	0.0	17
A03_S29	Roftop Unit Outside Loblaws	714752.0	4871118.8	8.1	0	81	0.0	A	52.8	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	-11.4	0.0	18
A03_S30	Roftop Unit Outside Loblaws	714746.1	4871116.2	8.1	0	81	0.0	A	53.2	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-9.9	0.0	19
A03_S31	Roftop Unit Outside Loblaws	714740.5	4871113.9	8.1	0	81	0.0	A	53.6	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-11.3	0.0	17
A03_S32	Roftop Unit Outside Loblaws	714734.3	4871110.9	8.1	0	81	0.0	A	54.1	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	28
A03_S26	Roftop Unit Outside Loblaws	714767.2	4871077.5	6.2	0	81	0.0	A	54.1	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	28
A03_S33	Roftop Unit Outside Loblaws	714728.7	4871108.2	8.1	0	81	0.0	A	54.4	0.0	-3.0	4.8	1.6	0.0	0.0	0.0	0.0	0.0	23
A03_S25	Roftop Unit Outside Loblaws	714765.6	4871071.1	6.2	0	81	0.0	A	54.5	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	27
A03_S34	Roftop Unit Outside Loblaws	714724.6	4871106.3	8.1	0	81	0.0	A	54.7	0.0	-3.0	4.8	1.6	0.0	0.0	0.0	0.0	0.0	22
A03_S35	Roftop Unit Outside Loblaws	714719.0	4871104.7	8.1	0	81	0.0	A	55.0	0.0	-3.0	4.8	1.7	0.0	0.0	0.0	0.0	0.0	22
A03_S36	Roftop Unit Outside Loblaws	714715.5	4871103.2	8.1	0	81	0.0	A	55.2	0.0	-3.0	4.8	1.7	0.0	0.0	0.0	0.0	0.0	22

Receiver: B09_R05
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
R05	B09_R05	714849.31 m	4871194.06 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_S37	Roftop Unit Outside Loblaws	714711.1	4871101.5	8.1	0	81	0.0	A	55.4	0.0	-3.0	4.5	1.8	0.0	0.0	0.0	0.0	0.0	22
A03_S38	Roftop Unit Outside Loblaws	714704.4	4871098.1	8.1	0	81	0.0	A	55.8	0.0	-3.0	4.5	1.8	0.0	0.0	0.0	0.0	0.0	21
A03_S39	Roftop Unit Outside Loblaws	714698.7	4871096.1	8.1	0	81	0.0	A	56.1	0.0	-3.0	4.5	1.9	0.0	0.0	0.0	0.0	0.0	21
A03_S22	Roftop Unit Outside Loblaws	714789.5	4871022.4	8.1	0	81	0.0	A	56.2	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	25
A03_S40	Roftop Unit Outside Loblaws	714693.7	4871093.9	8.1	0	81	0.0	A	56.4	0.0	-3.0	4.5	1.9	0.0	0.0	0.0	0.0	0.0	21
A03_S42	Roftop Unit Outside Loblaws	714693.6	4871087.5	8.1	0	81	0.0	A	56.5	0.0	-3.0	4.8	1.9	0.0	0.0	0.0	0.0	0.0	20
A03_S41	Roftop Unit Outside Loblaws	714688.1	4871091.8	8.1	0	81	0.0	A	56.6	0.0	-3.0	4.4	1.9	0.0	0.0	0.0	0.0	0.0	21
A03_S43	Roftop Unit Outside Loblaws	714682.3	4871089.2	8.1	0	81	0.0	A	56.9	0.0	-3.0	4.4	2.0	0.0	0.0	0.0	0.0	0.0	20
A03_S21	Roftop Unit Outside Loblaws	714806.7	4871000.4	8.1	0	81	0.0	A	57.0	0.0	-3.0	4.8	2.0	0.0	0.0	0.0	0.0	0.0	20

Receiver: B09_R06
Project: Port Hope Proposed Residential Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R06	B09_R06	714822.39 m	4871265.08 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_S81	Air Intake	714832.7	4871341.0	13.0	0	97	0.0	A	48.8	0.0	-2.5	9.4	0.3	0.0	0.0	0.0	0.0	0.0	41
A03_S82	Condenser	714842.0	4871344.5	13.2	0	91	0.0	A	49.3	0.0	-3.0	8.1	0.3	0.0	0.0	0.0	-7.9	0.0	28
A03_S80	Forklift	714778.4	4871406.6	1.0	0	83	0.0	A	54.4	0.0	-3.4	0.0	1.1	0.0	0.0	0.0	0.0	0.0	31
A03_S81	Forklift	714764.6	4871418.5	1.0	0	83	0.0	A	55.3	0.0	-2.6	0.0	1.2	0.0	0.0	0.0	0.0	0.0	29
A04_S04	Idling Refrigerated Truck	714983.7	4871019.7	2.4	0	98	0.0	A	60.4	0.0	-4.4	19.9	2.0	0.0	0.0	0.0	0.0	0.0	19
A04_S04	Idling Refrigerated Truck	714951.6	4871059.1	2.4	0	98	0.0	A	58.7	0.0	-3.3	20.5	1.7	0.0	0.0	0.0	0.0	0.0	17
A03_S03	Return Air Exhaust	714850.6	4871348.4	13.0	0	98	0.0	A	50.0	0.0	-3.0	10.1	0.9	0.0	0.0	0.0	0.0	0.0	40
A03_S87	Roftop Unit Outside Loblaws	714813.3	4871403.0	8.4	0	88	0.0	A	53.8	0.0	-2.6	16.4	0.6	0.0	0.0	0.0	0.0	0.0	19
A03_S88	Roftop Unit Outside Loblaws	714819.0	4871405.4	8.4	0	88	0.0	A	54.0	0.0	-2.6	16.8	0.6	0.0	0.0	0.0	0.0	0.0	19
A03_S28	Roftop Unit Outside Loblaws	714977.0	4871290.9	9.5	0	88	0.0	A	54.9	0.0	-3.0	6.5	0.6	0.0	0.0	0.0	-8.2	0.0	20
A03_S86	Roftop Unit Outside Loblaws	714909.2	4871414.0	9.5	0	88	0.0	A	55.7	0.0	-3.0	15.1	0.7	0.0	0.0	0.0	0.0	0.0	19
A03_S28	Roftop Unit Outside Loblaws	714996.8	4871245.6	9.5	0	88	0.0	A	55.9	0.0	-3.0	10.0	0.7	0.0	0.0	0.0	-7.0	0.0	17
A03_S84	Roftop Unit Outside Loblaws	714902.6	4871426.6	9.5	0	88	0.0	A	56.1	0.0	-3.0	15.8	0.7	0.0	0.0	0.0	0.0	0.0	18
A03_S85	Roftop Unit Outside Loblaws	714923.1	4871418.5	9.5	0	88	0.0	A	56.3	0.0	-3.0	14.3	0.7	0.0	0.0	0.0	0.0	0.0	19
A03_S24	Roftop Unit Outside Loblaws	714762.7	4871076.6	6.5	0	88	0.0	A	56.9	0.0	-3.0	13.0	0.8	0.0	0.0	0.0	0.0	0.0	20
A03_S23	Roftop Unit Outside Loblaws	714756.6	4871073.5	6.5	0	88	0.0	A	57.1	0.0	-3.0	12.9	0.8	0.0	0.0	0.0	0.0	0.0	20
A03_S48	Roftop Unit Outside Loblaws	714614.9	4871341.9	8.4	0	88	0.0	A	57.9	0.0	0.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	28
A03_S47	Roftop Unit Outside Loblaws	714609.3	4871337.3	8.4	0	88	0.0	A	58.0	0.0	0.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	28
A03_S68	Roftop Unit Outside Loblaws	714798.1	4871407.4	7.4	0	82	0.0	A	54.2	0.0	-1.9	13.0	0.6	0.0	0.0	0.0	0.0	0.0	16
A03_S45	Roftop Unit Outside Loblaws	714618.4	4871326.7	8.1	0	81	0.0	A	57.6	0.0	-0.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	21
A03_S46	Roftop Unit Outside Loblaws	714609.0	4871341.4	8.1	0	81	0.0	A	58.1	0.0	-0.1	0.0	2.2	0.0	0.0	0.0	0.0	0.0	20
A03_S44	Roftop Unit Outside Loblaws	714609.7	4871350.8	8.1	0	81	0.0	A	58.2	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	20

Receiver: B09_R07
Port Hope Proposed Residential
Project: Development
Project Number: 21446.01

Time Period	Total (dBA)
Day	45

Receiver Name	Receiver ID	X	Y	Z
R07	B09_R07	714853.37 m	4871295.39 m	1.50 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
A03_S81	Air Intake	714832.7	4871341.0	13.0	0	97	0.0	A	45.2	0.0	-3.0	12.9	0.2	0.0	0.0	0.0	0.0	0.0	41
A03_S82	Condenser	714842.0	4871344.5	13.2	0	91	0.0	A	45.3	0.0	-3.0	11.4	0.2	0.0	0.0	0.0	-7.5	0.0	29
A04_S04	Idling Refrigerated Truck	714983.7	4871019.7	2.4	0	98	0.0	A	60.7	0.0	-4.5	22.4	2.1	0.0	0.0	0.0	0.0	0.0	16
A03_S03	Return Air Exhaust	714850.6	4871348.4	13.0	0	98	0.0	A	45.7	0.0	-3.0	14.4	0.6	0.0	0.0	0.0	0.0	0.0	40
A03_S87	Roftop Unit Outside Loblaws	714813.3	4871403.0	8.4	0	88	0.0	A	52.2	0.0	-3.0	20.2	0.5	0.0	0.0	0.0	0.0	0.0	18
A03_S88	Roftop Unit Outside Loblaws	714819.0	4871405.4	8.4	0	88	0.0	A	52.2	0.0	-3.0	20.2	0.5	0.0	0.0	0.0	0.0	0.0	18
A03_S28	Roftop Unit Outside Loblaws	714977.0	4871290.9	9.5	0	88	0.0	A	52.9	0.0	-3.0	14.3	0.5	0.0	0.0	0.0	-6.3	0.0	17
A03_S86	Roftop Unit Outside Loblaws	714909.2	4871414.0	9.5	0	88	0.0	A	53.4	0.0	-3.0	14.8	0.5	0.0	0.0	0.0	0.0	0.0	22
A03_S84	Roftop Unit Outside Loblaws	714902.6	4871426.6	9.5	0	88	0.0	A	53.9	0.0	-3.0	16.3	0.6	0.0	0.0	0.0	0.0	0.0	20
A03_S85	Roftop Unit Outside Loblaws	714923.1	4871418.5	9.5	0	88	0.0	A	54.0	0.0	-3.0	12.4	0.6	0.0	0.0	0.0	0.0	0.0	24
A03_S24	Roftop Unit Outside Loblaws	714762.7	4871076.6	6.5	0	88	0.0	A	58.5	0.0	-3.0	15.8	0.9	0.0	0.0	0.0	0.0	0.0	15
A03_S23	Roftop Unit Outside Loblaws	714756.6	4871073.5	6.5	0	88	0.0	A	58.7	0.0	-3.0	15.8	0.9	0.0	0.0	0.0	0.0	0.0	15
A03_S48	Roftop Unit Outside Loblaws	714614.9	4871341.9	8.4	0	88	0.0	A	58.7	0.0	-2.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	30
A03_S47	Roftop Unit Outside Loblaws	714609.3	4871337.3	8.4	0	88	0.0	A	58.9	0.0	-2.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30
A03_S45	Roftop Unit Outside Loblaws	714618.4	4871326.7	8.1	0	81	0.0	A	58.5	0.0	-2.2	0.0	2.3	0.0	0.0	0.0	0.0	0.0	22
A03_S46	Roftop Unit Outside Loblaws	714609.0	4871341.4	8.1	0	81	0.0	A	58.9	0.0	-2.4	0.0	2.4	0.0	0.0	0.0	0.0	0.0	22
A03_S44	Roftop Unit Outside Loblaws	714609.7	4871350.8	8.1	0	81	0.0	A	59.0	0.0	-2.3	0.0	2.4	0.0	0.0	0.0	0.0	0.0	22

Project: Port Hope Proposed Residential Development
Project Number: 21446.01

Source ID	Source Name	Point of Reception B09_R01		Point of Reception B09_R02		Point of Reception B09_R03		Point of Reception B09_R04		Point of Reception B09_R05		Point of Reception B09_R06		Point of Reception B09_R07	
		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
A03_S81	Air Intake	226	25	211	25	198	37	196	29	148	24	78	41	51	41
A03_S15	Carrier Unit	129	22	136	27	148	22	159	12	209	18	283	9	296	5
A03_S12	Carrier Unit	146	19	162	25	172	24	177	14	228	17	303	9	319	5
A03_S11	Carrier Unit	165	18	180	24	191	23	196	13	247	17	322	7	338	4
A03_S14	Carrier Unit	177	18	196	23	206	23	207	16	258	17	333	5	352	4
A03_S13	Carrier Unit	184	17	199	23	209	23	214	12	265	16	341	4	357	4
A03_S08	Carrier Unit	123	11	146	16	154	15	153	10	204	9	280	1	299	1
A03_S10	Carrier Unit	133	10	155	15	163	15	163	9	214	8	289	1	308	1
A03_S09	Carrier Unit	185	7	193	13	205	8	215	1	266	6	341	0	354	0
A03_S05	Compressor Exhaust	123	15	130	21	142	16	153	9	204	13	278	4	290	2
A03_S06	Compressor Exhaust	127	15	133	21	145	16	157	6	207	12	281	4	294	2
A03_S83	Compressor Intake	123	12	131	17	142	13	153	4	204	9	278	2	291	1
A04_S01	Condenser	135	23	145	30	157	29	166	16	217	21	291	12	305	7
A04_S02	Condenser	139	23	149	29	161	29	170	16	220	21	295	12	309	7
A03_S82	Condenser	227	15	210	14	198	22	198	19	151	13	83	28	52	29
A03_S54	Drive-Thru Speaker	121	19	169	15	161	16	121	11	136	19	191	4	229	1
A03_S79	Forklift	54	40	109	34	98	37	62	40	80	38	154	16	179	11
A03_S80	Forklift	305	5	295	4	282	7	274	10	224	8	148	31	134	10
A03_S81	Forklift	321	6	312	3	299	7	291	21	240	8	164	29	152	11
A04_S07	Garbage Compactor	102	24	109	26	121	21	132	13	182	15	256	6	269	4
A04_S07	Garbage Compactor	160	14	163	22	176	16	189	4	240	15	313	5	324	3
A03_S63	Idling Car	118	18	166	14	158	14	119	10	136	17	192	3	230	1
A03_S77	Idling Car	119	18	166	14	159	14	120	9	138	17	195	3	233	1
A03_S62	Idling Car	119	18	166	14	158	14	118	10	134	17	189	3	227	1
A03_S61	Idling Car	119	14	166	14	158	14	118	10	132	17	187	3	225	1
A03_S60	Idling Car	120	13	166	14	158	14	118	10	130	17	184	3	222	1
A03_S59	Idling Car	123	13	170	14	161	14	121	10	132	17	185	3	223	1
A03_S58	Idling Car	127	13	174	13	165	14	125	10	136	17	187	3	226	1
A03_S57	Idling Car	132	13	179	13	170	14	130	10	140	17	191	3	230	1
A03_S56	Idling Car	137	12	184	13	175	13	135	10	145	16	194	3	234	1
A03_S55	Idling Car	142	12	189	13	180	13	140	10	149	16	198	3	238	1
A04_S04	Idling Refrigerated Truck	90	44	97	45	108	44	119	27	169	34	294	19	305	16
A04_S04	Idling Refrigerated Truck	140	30	145	44	157	37	170	21	220	23	243	17	256	15
A03_T01	Refrigerated Truck Passby	96	38	87	42	100	33	129	23	173	30	239	16	244	13
A03_T03	Refrigerated Truck Passby	83	36	84	39	94	33	111	19	163	26	230	11	243	9
A03_T02	Regular Truck Passby	96	29	87	32	100	24	129	13	173	20	239	7	244	5
A03_T03	Regular Truck Passby	117	27	171	24	166	25	128	22	154	26	224	9	260	5
A03_T04	Regular Truck Passby	83	26	84	29	94	23	111	10	163	16	230	4	243	2
A03_S03	Return Air Exhaust	229	24	210	25	199	28	201	26	155	23	89	40	54	40
A03_S18	Rooftop Unit Outside Loblaws	107	29	155	26	151	26	120	23	152	26	219	12	253	9
A03_S17	Rooftop Unit Outside Loblaws	108	23	155	26	153	26	125	25	162	26	232	12	263	9
A03_S16	Rooftop Unit Outside Loblaws	112	21	157	25	157	26	133	22	173	20	245	11	275	8
A03_S51	Rooftop Unit Outside Loblaws	96	22	119	23	127	22	127	18	177	20	253	3	271	2
A03_S53	Rooftop Unit Outside Loblaws	98	22	109	23	120	23	128	11	178	18	253	3	267	1
A03_S24	Rooftop Unit Outside Loblaws	134	37	181	34	173	34	133	32	146	36	198	20	237	16
A03_S23	Rooftop Unit Outside Loblaws	141	36	188	33	180	34	140	31	152	35	203	20	242	15
A03_S52	Rooftop Unit Outside Loblaws	106	22	121	22	131	22	136	12	187	19	262	3	278	1
A03_S19	Rooftop Unit Outside Loblaws	146	28	192	33	191	33	164	30	200	28	267	15	300	14
A03_S28	Rooftop Unit Outside Loblaws	148	15	100	25	108	15	150	9	156	13	157	20	124	17
A03_S50	Rooftop Unit Outside Loblaws	109	17	133	22	141	21	139	19	190	19	266	3	285	2
A03_S20	Rooftop Unit Outside Loblaws	149	27	195	33	194	33	167	29	203	28	271	15	304	13
A03_S28	Rooftop Unit Outside Loblaws	164	11	116	18	119	13	156	9	160	8	176	17	152	13
A03_S28	Rooftop Unit Outside Loblaws	190	7	147	14	145	11	175	8	166	11	204	10	189	11
A03_S28	Rooftop Unit Outside Loblaws	201	33	248	31	239	31	200	29	207	33	248	11	290	10
A03_S27	Rooftop Unit Outside Loblaws	201	33	248	31	239	31	199	29	207	33	247	11	289	10

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Source ID	Source Name	Point of Reception B09_R01		Point of Reception B09_R02		Point of Reception B09_R03		Point of Reception B09_R04		Point of Reception B09_R05		Point of Reception B09_R06		Point of Reception B09_R07	
		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
A03_S87	Roftop Unit Outside Loblaws	290	9	275	10	263	19	261	14	212	11	138	19	115	18
A03_S88	Roftop Unit Outside Loblaws	291	9	275	10	263	19	262	14	214	11	141	19	115	18
A03_S86	Roftop Unit Outside Loblaws	292	8	262	12	254	11	267	17	228	17	173	19	131	22
A03_S26	Roftop Unit Outside Loblaws	129	29	176	26	168	26	129	24	143	28	196	9	234	6
A03_S85	Roftop Unit Outside Loblaws	298	8	266	12	259	11	274	11	236	17	184	19	142	24
A03_S25	Roftop Unit Outside Loblaws	133	29	181	26	173	26	134	23	149	27	202	9	241	6
A03_S84	Roftop Unit Outside Loblaws	304	8	275	12	267	11	279	17	239	13	180	18	140	20
A03_S29	Roftop Unit Outside Loblaws	137	8	178	8	167	15	126	18	123	18	162	4	204	2
A03_S22	Roftop Unit Outside Loblaws	141	23	189	25	185	25	153	22	182	25	245	7	280	5
A03_S30	Roftop Unit Outside Loblaws	143	9	184	9	173	16	132	19	129	19	167	5	209	2
A03_S21	Roftop Unit Outside Loblaws	147	19	194	24	192	25	164	21	198	20	265	5	299	4
A03_S31	Roftop Unit Outside Loblaws	148	5	190	7	179	15	138	17	135	17	172	4	214	1
A03_S48	Roftop Unit Outside Loblaws	351	15	365	11	350	27	323	28	277	17	221	28	243	30
A03_S32	Roftop Unit Outside Loblaws	155	14	197	17	186	25	145	28	142	28	178	11	220	7
A03_S47	Roftop Unit Outside Loblaws	352	15	368	11	352	27	325	28	280	17	225	28	248	30
A03_S33	Roftop Unit Outside Loblaws	161	13	203	17	192	25	151	23	148	23	183	11	225	7
A03_S34	Roftop Unit Outside Loblaws	165	13	208	17	197	25	156	22	153	22	187	11	229	7
A03_S35	Roftop Unit Outside Loblaws	171	12	213	17	203	24	162	22	158	22	191	11	233	7
A03_S36	Roftop Unit Outside Loblaws	174	12	217	16	206	24	165	22	162	22	194	11	237	6
A03_S37	Roftop Unit Outside Loblaws	179	12	222	16	211	24	170	21	166	22	198	11	241	6
A03_S38	Roftop Unit Outside Loblaws	186	12	229	16	218	24	177	21	174	21	205	11	247	6
A03_S39	Roftop Unit Outside Loblaws	192	12	235	16	224	23	183	21	180	21	210	11	252	6
A03_S40	Roftop Unit Outside Loblaws	197	12	240	16	230	23	189	20	185	21	214	11	257	6
A03_S42	Roftop Unit Outside Loblaws	198	17	242	17	232	23	191	21	189	20	219	10	262	6
A03_S68	Roftop Unit Outside Loblaws	299	6	286	5	273	13	269	10	219	8	144	16	125	12
A03_S41	Roftop Unit Outside Loblaws	203	11	246	16	236	23	195	20	191	21	219	10	262	6
A03_S69	Roftop Unit Outside Loblaws	307	5	292	5	280	13	277	9	228	6	154	12	131	11
A03_S70	Roftop Unit Outside Loblaws	308	5	291	5	280	10	279	9	230	6	157	11	132	11
A03_S72	Roftop Unit Outside Loblaws	310	5	292	5	281	7	281	8	234	6	162	11	134	11
A03_S43	Roftop Unit Outside Loblaws	209	11	253	16	242	23	201	20	197	20	225	10	268	6
A03_S108	Roftop Unit Outside Loblaws	319	4	290	7	282	6	293	12	252	7	191	12	152	11
A03_S112	Roftop Unit Outside Loblaws	321	5	308	5	295	13	291	11	241	7	166	14	147	11
A03_S109	Roftop Unit Outside Loblaws	324	4	294	7	286	6	299	7	259	6	201	12	161	12
A03_S110	Roftop Unit Outside Loblaws	332	4	300	7	293	6	307	6	269	6	213	12	172	12
A03_S111	Roftop Unit Outside Loblaws	338	4	305	7	298	6	314	6	277	6	223	12	181	12
A03_S74	Roftop Unit Outside Loblaws	338	4	323	5	311	13	308	10	259	6	184	10	163	10
A03_S75	Roftop Unit Outside Loblaws	340	4	324	5	312	11	310	9	262	5	188	10	164	10
A03_S76	Roftop Unit Outside Loblaws	342	4	324	5	312	6	313	8	265	5	192	10	165	10
A03_S73	Roftop Unit Outside Loblaws	348	4	320	6	311	5	321	7	279	5	215	11	178	10
A03_S105	Roftop Unit Outside Loblaws	354	4	325	6	316	5	328	7	287	5	225	11	187	10

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Source ID	Source Name	Point of Reception B09_R01		Point of Reception B09_R02		Point of Reception B09_R03		Point of Reception B09_R04		Point of Reception B09_R05		Point of Reception B09_R06		Point of Reception B09_R07	
		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
A03_S106	Roftop Unit Outside Loblaws	360	4	329	6	322	5	334	7	294	5	235	11	195	10
A03_S107	Roftop Unit Outside Loblaws	365	4	333	6	326	5	340	7	301	5	243	11	203	10
A03_S92	Roftop Unit Outside Loblaws	302	3	289	3	277	9	272	7	223	4	148	13	129	8
A03_S91	Roftop Unit Outside Loblaws	303	2	288	3	276	9	273	6	224	4	150	9	128	8
A03_S90	Roftop Unit Outside Loblaws	305	2	288	3	276	6	275	5	227	3	154	8	129	8
A03_S89	Roftop Unit Outside Loblaws	307	2	288	3	277	4	278	5	230	3	158	8	130	8
A03_S104	Roftop Unit Outside Loblaws	317	3	303	2	291	9	287	7	237	4	162	11	143	7
A03_S103	Roftop Unit Outside Loblaws	318	2	304	2	291	9	289	6	239	4	165	7	143	7
A03_S102	Roftop Unit Outside Loblaws	320	2	303	2	292	6	290	5	242	3	168	7	144	7
A03_S45	Roftop Unit Outside Loblaws	339	5	354	2	339	18	311	20	266	7	213	21	237	22
A03_S93	Roftop Unit Outside Loblaws	322	2	303	2	292	4	292	5	245	3	172	7	145	7
A03_S67	Roftop Unit Outside Loblaws	332	2	319	2	307	9	302	7	253	4	177	10	158	7
A03_S66	Roftop Unit Outside Loblaws	333	2	318	2	306	9	303	6	254	3	180	7	158	7
A03_S100	Roftop Unit Outside Loblaws	333	2	305	4	297	3	307	4	266	3	204	8	165	7
A03_S65	Roftop Unit Outside Loblaws	335	2	318	2	307	7	305	5	257	3	183	7	159	7
A03_S46	Roftop Unit Outside Loblaws	355	5	370	2	355	18	327	20	282	7	227	20	249	22
A03_S64	Roftop Unit Outside Loblaws	337	2	319	2	307	4	308	5	260	3	187	7	160	7
A03_S101	Roftop Unit Outside Loblaws	340	2	310	4	302	3	314	4	274	3	214	7	175	7
A03_S44	Roftop Unit Outside Loblaws	360	5	374	2	359	18	332	19	286	6	229	20	250	22
A03_S94	Roftop Unit Outside Loblaws	346	2	315	4	307	3	321	4	281	3	223	7	183	7
A03_S95	Roftop Unit Outside Loblaws	351	2	319	4	312	3	327	3	289	3	232	7	192	7
A03_S96	Roftop Unit Outside Loblaws	360	2	333	3	324	3	333	4	290	3	226	7	190	6
A03_S97	Roftop Unit Outside Loblaws	366	2	338	3	329	3	340	3	298	2	235	7	198	6
A03_S99	Roftop Unit Outside Loblaws	373	2	343	3	335	3	347	4	306	2	245	7	207	6
A03_S98	Roftop Unit Outside Loblaws	379	2	348	3	340	3	353	4	314	2	254	7	215	6
Total Level [dBA]			**48**		**50**		**48**		**44**		**45**		**44**		**45**

End of Report