

Noise Impact Study

12155 Coleraine Drive



Proposed Industrial Development
Town of Caledon

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Project: 124-0337

Prepared for

Wheelwright Group

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VALCOUSTICS

Canada Ltd.

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Noise Impact Study

12155 Coleraine Drive

Proposed Industrial Development

Town of Caledon

EXECUTIVE SUMMARY

Valcoustics Canada Ltd. (VCL) has been retaining to prepare a Noise Impact Study for the proposed industrial development in support of the Site Plan Approval (SPA) submission to the Town of Caledon. The proposed development consists of one industrial building at the west side of the site and a trailer parking area at the east side. The building will have an office area at the northwest corner (along the front façade), a warehouse area at the northeast corner, and a truck repair area in the southern half of the building. There will be five loading docks opening to the warehouse area and five overhead doors opening to the truck repair area along the east (rear) façade. Trucks arrive and depart the loading area using the driveway to Coleraine Drive along the north side of the site.

The sound levels on site as well as the sound levels at the neighbouring noise-sensitive receptors due to activities on the site have been determined and compared with the applicable Ministry of the Environment, Conservation and Parks (MECP) guideline limits to determine the need for noise mitigation.

The significant noise source in the vicinity with the potential for impact at the subject site is road traffic on Coleraine Drive. The indoor sound levels limits are predicted to be met using exterior walls meeting STC 45 and exterior windows meeting STC 29.

The proposed industrial development itself is not considered a noise sensitive use relative to the stationary noise sources in the vicinity. Since it is not considered a point of reception by the MECP noise guidelines, there are no noise guideline limits that need to be met on the site from the stationary noise sources in the area.

Sound emissions from the site need to comply with the MECP stationary noise guideline limits at off-site noise sensitive receptors. To meet the applicable Class 1 stationary noise guideline limits, the mitigation requirements are:

- A 2.4 m high, 20 m long wing wall sound barrier along the north side of the loading area;
- A 2.0 m high, 91 m long sound barrier along a portion of the north property line at the trailer parking area; and

- Administrative controls that restrict all trailer drop-offs and pick-ups to the eastern half of the trailer parking area. (There are no parking restrictions on trucks that remain connected to their trailers.)

1.0 INTRODUCTION

Valcoustics Canada Ltd. (VCL) has been retained to prepare a Noise Impact Study for the proposed industrial development in support of the SPA submission to the Town of Caledon. The potential sound levels and noise mitigation measures needed for the proposed development to comply with the MECP noise guideline requirements are outlined herein.

1.1 SITE LOCATION AND SURROUNDING AREA

The subject site is located to the northeast of the intersection of Mayfield Road and Coleraine Drive in the Town of Caledon (Coleraine Drive is assumed to run north-south for the purpose of this report). The site is bounded by:

- Vacant land (designed as “Prestige Industrial” in the Town of Caledon Official Plan) to the north;
- Existing industrial uses (including vehicle parking area and a Home Depot fulfillment centre) to the east;
- Existing industrial uses (trucking facilities) to the south; and
- Coleraine Drive, with agricultural land and existing industrial uses beyond, to the west.

The site is currently occupied by a trucking facility. All existing structures on site will be demolished as part of the new development.

A Key Plan is included as Figure 1.

This report was completed using the following drawings, all prepared by Wheelwright Group Inc.:

- Overall Key Site Plan, last revised September 23, 2024;
- Schematic Plan – First Floor Level, last revised August 19, 2024;
- Schematic Plan – Second Floor Level, last revised August 19, 2024; and
- Schematic Elevations, dated September 12, 2024.

The Site Plan is included as Figure 2.

1.2 THE PROPOSED DEVELOPMENT

The proposed development consists of one industrial building at the west side of the site and a trailer parking area at the east side. The facility will be occupied by Everest Transportation Inc. The building will have an office area at the northwest corner (along the front façade), a warehouse

area at the northeast corner, and a truck repair area in the southern half of the building. There will be five loading docks opening to the warehouse area and five overhead doors opening to the truck repair area along the east (rear) façade. Trucks arrive and depart the loading area using the driveway to Coleraine Drive along the north side of the site.

2.0 THE EFFECT ON THE ENVIRONMENT ON THE PROJECT

2.1 TRANSPORTATION NOISE SOURCES

2.1.1 Environmental Noise Guidelines

The applicable transportation noise guidelines for this development are those in MECP Publication NPC-300, “Environmental Noise Guideline, Stationary and Transportation Sources - Approval and Planning”.

The only section in NPC-300 that applies to industrial buildings is the indoor daytime sound level limit provided for office areas as part of the Supplementary Noise Limits. For road traffic noise sources, the indoor criteria are $L_{eq Day}$ of 45 dBA for individual or semi-private offices, conference or meeting rooms and $L_{eq Day}$ of 50 dBA for general office areas. There are no nighttime noise criteria for office spaces.

The architectural design of the building envelope (walls, windows, etc.) must provide adequate sound isolation to achieve the indoor sound level limits based on the outdoor sound levels along the exterior facades.

Ventilation provisions are required where windows are to remain closed in order to meet the applicable indoor sound level limits.

2.1.2 Noise Sources

The transportation noise source with the potential for impact at the subject site is road traffic on Coleraine Drive.

Road traffic data for Coleraine Drive, applicable to the year 2024, was provided by the Region of Peel. The data was in the form of 24-hour ATR counts for April 30, May 1 and May 2, 2024. The highest 24-hour traffic volume was projected to the future condition (year 2034) using a growth rate of 2%, compounded annually. Medium and heavy truck percentages and the day/night split were obtained from each 24-hour ATR count. To be conservative, the truck percentages from the day with the highest truck volume and the day/night split from the day with highest volume of daytime traffic was used in the analysis. As per the Town of Caledon policy, the assessment was done using traffic speeds 10 km/h over the posted limits.

The traffic data is summarized in Table 1. The traffic data is shown in Appendix A.

2.2 STATIONARY NOISE SOURCES

The proposed industrial development is not considered noise sensitive in relation to stationary noise sources as per NPC-300. Thus, the stationary noise guideline limits do not apply at the proposed development since there are no points of reception on the development site and the

stationary noise sources (existing or proposed) in the area are not considered further in the assessment.

2.3 NOISE IMPACT ASSESSMENT

2.3.1 Analysis Method

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

For the daytime sound level calculations, the sound levels at the building facades were assessed at a height of 5.9 m above grade, representing the second floor windows at the office at the northwest corner of the building, the worst-case location. To be conservative, screening from existing buildings in the vicinity was not included in the assessment.

The highest unmitigated daytime sound level of 67 dBA is predicted to occur on the west facade of the building.

Table 2 summarizes the unmitigated daytime sound level predictions. Appendix C shows a sample calculation.

2.3.2 Noise Control Measures

The indoor noise guidelines for the transportation noise sources can be achieved by using appropriate construction for exterior walls, windows and doors.

The architectural requirements for the building were based on the Schematic Plans and Elevations. To determine the sound isolation requirements of the architectural elements, calculations were done at the worst-case location, the private office at the northwest corner of the building on floor 2. On the west facade, the wall and window areas were calculated to be 75% and 76%, respectively, of the associated floor area. On the north facade, the wall and windows areas were calculated to be 75% and 72%, respectively, of the associated floor area.

The analysis shows that exterior wall construction meeting STC 45 and exterior windows meeting STC 29 will be sufficient to meet the indoor criteria.

The office space will be provided with air conditioning. This will allow the exterior windows to remain closed for noise control purposes.

3.0 THE EFFECT OF THE PROJECT ON THE ENVIRONMENT

The proposed facility as a whole is considered a stationary noise source.

The future tenants will be Everest Transportation Inc., trucking operation. Information regarding the operation has been provided by Everest Transportation Inc.

The noise sources that could impact the off site sensitive land uses are:

- Truck movements on the site as the trucks travel to and from the loading docks, the repair bays and the trailer parking spaces;
- Noise associated with truck loading/unloading; and
- Rooftop mechanical units.

3.1 ENVIRONMENTAL NOISE GUIDELINES

The applicable stationary noise guidelines for this development are those in MECP Publication NPC-300.

3.1.1 Non-Impulse (Steady) Noise Sources

The site and lands around the site are Class 1 which is an area where the ambient sound environment is dominated by “urban hum”, primarily road traffic noise in this case, 24 hours per day. This is due to the proximity to the area road network.

The MECP requires a predictable “worst case” one-hour operating scenario be analysed. This occurs when the difference between the background ambient sound level and the noise generated from the stationary noise sources is at a maximum. The predictable worst case is not the absolute worst-case operation that could occur on a site but is “a planned and predictable mode of operation”.

The guideline limits apply at Points of Reception (PORs) at noise sensitive land uses such as residential dwellings. At residential dwellings, the PORs are the outdoor plane of windows to habitable spaces (i.e. living/dining/family rooms, sleep areas, etc.) as well as locations amenable for use outdoors within 30 m of the dwelling facade (i.e. rear yards, front yards, etc.). There are no indoor sound level limits. Compliance with the outdoor Class 1 guideline limits should result in a suitable indoor sound environment within a residential dwelling, even with exterior windows open.

MECP Publication NPC-300 states that the guideline limits are the higher of the ambient sound level, typically due to road traffic noise, or the minimum exclusion limits, in any hour of the day. The minimum exclusion limits are 50 dBA during the daytime (0700 to 1900 hours) and evening (1900 to 2300 hours) and 45 dBA at night (2300 to 0700 hours). Sound levels are assessed using a one-hour L_{eq} (dBA), the energy equivalent continuous sound level. The sound level limits apply at the exterior of a noise sensitive plane of window (at all times) or at an outdoor POR in the daytime and evening periods only. There are no sound level limits for outdoor PORs at night.

3.1.2 Impulsive Sources

Impulsive sounds last for a brief time (typically a fraction of one second). Examples are the sounds from banging of metal, punch presses or gunshots. The “banging” sound that can occur when trucks are unloaded/loaded or the trailers are coupled/uncoupled from the cabs are also classified as impulsive.

Impulse sounds are measured and treated separately from steady noise sources because of their special time characteristics. The stationary source sound level criteria for impulsive sources are expressed using the Log Mean Impulse (LLM) descriptor. The LLM descriptor is the energy

(logarithmic) average of the range of impulse sound levels impinging on a receptor. Because of the logarithmic relationship involved, LLM is weighted to the higher values and is quite unlike an arithmetic average, which would yield a much lower numerical result for a wide range of values.

The sound level limit varies depending on the number of impulses occurring in the worst-case hour. The exclusion limits for impulsive sources in a Class 1 area are summarized in Table 4. The impulse noise source assessment assumes that the impulses will be frequent (i.e. at least 9 impulses in a worst case hour).

3.1.3 Applicable Guideline Limits

Due to the proximity of Coleraine Drive and the high truck volumes on these roadways, the noise guideline limits are defined by the ambient road traffic noise at most receptors.

3.2 FACILITY DESCRIPTION AND NOISE SOURCES

The following information regarding operations at the facility was provided by Everest Transportation Inc.:

- Truck repair shop:
 - Truck repair activity will occur inside the building, between the hours of 9 am and 5 pm.
 - There will be five truck repair areas within the shop. Three of the repair areas will be used for setting up new trucks with company branding, with activities such as adding stickers and plates. Two of the repair areas will be used for minor repairs, such as tire changes, headlight changes and bumper changes.
 - If more significant repairs are required, the trucks will be sent to another off-site repair facility.
 - Although there is capacity for 12 trucks inside the repair area, no more than 5 trucks would be worked on simultaneously.
 - The most significant noise source associated with the repair activities will be the compressor associated with the air tools.
 - The overhead doors to the repair bay will have automatic closers. The doors will not remain open while repairs are in progress.

- Warehouse and loading area:
 - The hours of operation of the loading area are 9 am to 5 pm. On some occasions, staff may work as late as 6 pm. Trucks arrive and depart from the loading area during these hours only.

- The warehouse will have dry, unrefrigerated goods only. Therefore, there will be no deliveries by refrigerated trucks.
 - Forklifts will be used for loading/unloading. The forklifts will operate inside the building only (i.e. no outdoor forklift activity).
 - Trucks will typically remain at the loading area for 1-1.5 hours while being loaded/unloaded and depart once loading/unloading is complete. Trucks will not uncouple their trailers for loading or unloading (i.e. they will remain coupled to the trailer for the entire time the trailer is at a loading bay).
 - Trucks will not idle their engines during loading/unloading. (However, to account for any incidental idling or manoeuvring that may occur during arrival or departure, 5 minutes of idling per truck was included in the assessment.)
 - A maximum of 5 trucks per day are expected to arrive at the loading area. A maximum of 2 trucks would arrive during the busiest hour.
- Trailer parking area:
 - The trailer parking spaces are mostly used by drivers travelling to the US. Typically, on a Monday, drivers will arrive at the facility, leave their personal vehicles in the trailer spaces, and take their trucks out for delivery. The parking spaces will mostly remain occupied by these personal vehicles until the drivers return on Friday. On Friday, once the drivers return to the facility, they will drop their trailers off in a parking space and depart the site in their personal vehicles.
 - Most of the activity in the trailer parking area happens between the hours of 7 am and 7 pm. However, a small number of trucks may arrive and depart outside of these hours.
 - The busiest hours are expected to occur during the daytime on Monday (when most of the trucks depart the facility) and Friday (when most of the trucks return to the facility). During these peak hours, a maximum of 15-20 trucks would depart or return to the trailer parking area.
 - During the evening, a maximum of 4-5 trucks would arrive/depart the trailer parking area in the busiest hour.
 - A maximum of 5-10 trucks would arrive/depart the trailer parking area over the course of the entire nighttime period. During the busiest hour, a maximum of 2 trucks would arrive/depart the parking area.
 - On arriving at the facility, some of the trailers remain connected to the truck cabs while other are uncoupled. The trucks remain connected if the same driver will

continue transporting the trailer. The trailers are uncoupled if a new driver will pick up the trailer and continue transporting it. Approximately 50% of the trucks that arrive on site will remain connected. The remaining trailers will be uncoupled from the cabs.

- Rooftop mechanical equipment
 - Four packaged HVAC units (10 ton each) are assumed for the office area.
 - No rooftop mechanical equipment is planned for the warehouse/repair areas.

Since the facility only completes light-duty repairs on site, and the doors to the repair area will remain closed at all times, noise from these activities is not expected to have a significant impact at the neighbouring noise sensitive receptors.

The noise sources at the facility with the potential for impact at the neighbouring receptors are the truck activities at the loading docks and trailer parking spaces, and the (assumed) rooftop HVAC equipment for the office area.

3.3 ANALYSIS METHOD

A 3-D acoustic model of the proposed facility was developed to predict the potential sound levels at the residential points of reception from the rooftop mechanical equipment and activity at the driveway and loading areas. The model was developed using the CadnaA v2024 MR1 environmental noise modelling software, which implements the protocols of ISO Standard 9613-2, "Acoustics – Attenuation of Sound During Propagation Outdoors (1996)". Two orders of sound reflection from the building facades were included in the analysis. Hard ground ($G = 0.0$) was used for paved areas. Soft ground ($G = 1.0$) was used elsewhere.

Note that the area between the subject site and the neighbouring noise-sensitive receptors is occupied by trucking facilities, which are primarily used for trailer parking. This area was modelled as absorptive ground ($G = 1.0$) to take into account the screening/interference from the intervening trailers (this is a conservative assumption as the trailers will likely afford much more attenuation than that provided by the excess ground absorption).

The top of the roof of the proposed facility was modelled at a height of 10.5 m above grade, as shown on the elevation drawings.

See Appendix D for further details on the acoustical analysis.

3.4 RECEPTOR LOCATIONS

The worst case noise sensitive receptors are the residential dwellings to the north of the subject site, located at 12213 and 12225 Coleraine Drive. There are also three dwellings farther to the south, on the north side of Mayfield Road. The closest of these dwellings is located at 12065 Coleraine Drive.

The receptors used in this assessment are:

- R01 – Representing east façade plane of window on the 2nd floor of the 2-storey dwelling at 12225 Coleraine Drive. The receptor was assessed at a height of 5.0 m above grade, to account for the elevated ground floor.
- R02 – Representing east façade plane of window at the single-storey dwelling at 12213 Coleraine Drive. The receptor was assessed at a height of 2.5 m above grade, to account for the elevated ground floor.
- R03 – Representing south façade plane of window at the single-storey dwelling at 12213 Coleraine Drive. The receptor was assessed at a height of 2.5 m above grade, to account for the elevated ground floor.
- R04 – Representing the rear yard outdoor point of reception at the dwelling at 12213 Coleraine Drive. The receptor was assessed at a height of 1.5 m above grade.
- R05 – Representing the east façade plane of window at a single-storey dwelling at 12065 Coleraine Drive. The receptor was assessed at a height of 2.5 m above grade, to account for the elevated ground floor.

3.5 AMBIENT SOUND LEVELS

Due to the proximity to Coleraine Drive and Mayfield Road, and the high truck volumes on both roadways, the noise guideline limits at the assessment receptors will be defined by the existing ambient road traffic noise level.

Receptors R01 and R02, representing the east facades of the dwellings to the north of the subject site, are screened from road traffic noise from both roadways. The minimum exclusion limits were therefore used at these receptors. All other receptors are exposed to road traffic on Coleraine Drive and/or Mayfield Road. The ambient sound level due to road traffic were therefore calculated for these receptors.

Hourly counts for Coleraine Drive and Mayfield Road were obtained from the Region of Peel. The minimum hourly traffic volume for each of the daytime, evening and nighttime periods was identified. Using these traffic volumes, the minimum hourly sound level due to ambient road traffic noise was calculated using the RLS-90 implementation in CadnaA. (Note that the ambient sound level calculated using RLS-90 is the same as or lower than the sound level calculated using STAMSON – ORNAMENT. See Appendix E.)

3.6 OPERATING SCENARIOS

3.6.1 Non-Impulsive Source Operating Scenarios

The non-impulsive source operating scenarios in this assessment are:

- Daytime scenario hour (busiest hour between 0700 and 1900):
 - 2 heavy trucks arrive and depart the loading area;
 - 2 heavy trucks idle their engines at the loading area for 5 minutes each;

- 5 heavy trucks arrive or depart the repair bays;
 - 20 heavy trucks arrive or depart the trailer parking area;
 - 20 heavy trucks idle their engines in the trailer parking area for 5 minutes each;
 - All HVAC units operate for the full hour.
- Evening scenario hour (busiest hour between 1900 and 2300):
 - No truck activity at the loading area or repair area;
 - 5 heavy trucks arrive or depart the trailer parking area;
 - 5 heavy trucks idle their engines at the trailer parking area for 5 minutes each;
 - All HVAC units operate for the full hour.
 - Nighttime scenario hour (busiest hour between 2300 and 0700):
 - No truck activity at the loading area or repair area;
 - 2 heavy trucks arrive or depart the trailer parking area;
 - 2 heavy trucks idling their engines for 5 minutes each at the trailer parking area.
 - All HVAC units operate at 50% duty cycle (30 minutes out of the hour).

All trucks were modelled as travelling at a speed of 20 km/hour.

The source locations are shown on Figure 3A. The source ID's and associated sound power levels are summarized in Table 5.

3.6.2 Impulsive Source Operating Scenario

The assessment also considers the impact from impulses generated by the forklifts travelling over the dock levellers during loading/unloading and truck uncoupling/coupling trailers in the parking spaces.

There are two separate impulsive source operating scenarios:

Loading:

- Daytime scenario hour (busiest hour between 0700 and 1900):
 - 9 or more impulses at each of two loading docks.

There will be no loading activity during the evening and nighttime hours. See Figure 3B.

Trailer coupling/uncoupling at the parking area:

- Daytime scenario hour (busiest hour between 0700 and 1900):
 - 10 impulses in the trailer parking spaces (representing 50% of the trucks coupling/uncoupling the trailers).
- Evening scenario hour (busiest hour between 1900 and 2300):
 - 3 impulses in the trailer parking spaces (representing 50% of the trucks coupling/uncoupling the trailers).
- Nighttime scenario hour (busiest hour between 2300 and 0700):
 - 1 impulse in the trailer parking spaces (representing 50% of the trucks coupling/uncoupling the trailers).

See Figure 3C.

3.7 PREDICTED SOUND LEVELS

Figures 4A, 4B and 4C show the predicted sound levels due the non-impulsive sources, loading impulses, and trailer coupling/uncoupling impulses, respectively. The sound levels are summarized in Tables 6, 7, and 8.

As shown on the figures and in the tables, the sound levels are predicted to exceed the daytime noise guideline limits at the receptors to the north, due to loading impulses and trailer coupling/uncoupling impulses in the daytime hours. Thus, noise mitigation measures are required.

3.8 MITIGATION

To meet the applicable noise guideline limits, the following mitigation measures are required:

- A 2.4 m high, 20 m long wing wall sound barrier along the north side of the loading area;
- A 2.0 m high, 91 m long sound barrier along a portion of the north property line at the trailer parking area; and
- Administrative controls that restrict all trailer drop-offs and pick-ups to the eastern half of the trailer parking area. (There are no parking restrictions on trucks that remain connected to their trailers.)

See Tables 9, 10, and 11. The sound barrier locations are shown on Figures 5A, 5B and 5C.

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

4.0 DISCUSSION

The Official Plan for the Town of Caledon that indicates the lands on the east and west sides of Coleraine Drive in the vicinity of the site (between George Bolton Parkway and Mayfield Road) are intended for “Prestige Industrial” uses. It is therefore expected that the existing dwellings to the north and south will be replaced by industrial uses in the future.

If the dwellings to the north are demolished before the facility is in operation, and non-noise sensitive uses are proposed for those sites, the sound barriers described in Section 3.8 would no longer be required. The mitigation requirements for the subject development can be reviewed if there are changes to the existing land uses in the area.

5.0 CONCLUSIONS

With the incorporation of the recommended design measures, it is expected the applicable noise guideline limits can be met.

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

6.0 REFERENCES

1. PC STAMSON 5.04, "Computer Program for Road Traffic Noise Assessment", Ontario Ministry of the Environment.
2. Building Practice Note No. 56: "Controlling Sound Transmission into Buildings", by J. D. Quirt, Division of Building Research, National Council of Canada, September 1985.
3. MECP Publication NPC-300, "Stationary and Transportation Sources – Approval and Planning" Ontario Ministry of the Environment, August 2013.
4. CadnaA, version 2024, DataKustik GmbH.

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TABLE 1 ROAD TRAFFIC DATA

Roadway	Year	24-Hour Traffic Volume ⁽¹⁾	% Trucks (Daytime)		Speed Limit (km/h) ⁽³⁾	Day/Night Split (%)
			Medium	Heavy		
Coleraine Drive	2024 (2034)	18 848 (22 976)	6	12	70	82/18

Notes:

- (1) The year 2024 24-hour traffic volumes were provided by the Region of Peel in the form of 24-hour ATR counts for April 30, May 1 and May 2, 2024. The traffic volumes were projected to the year 2034 using a growth rate of 2%, compounded annually. The highest 24-hour traffic volume was projected to the future condition (year 2034) using a growth rate of 2%, compounded annually. Truck percentages and the day/night split were obtained from each 24-hour ATR count. To be conservative, the truck percentages from the day with the highest truck volume and the day/night split from the day with the greatest daytime traffic were used in the analysis.
- (2) The posted speed limit is shown in Table 1. As per Town of Caledon policy, speeds 10 km/h over the posted speed limit were used in the analysis.

TABLE 2 PREDICTED OUTDOOR SOUND LEVELS DUE TO ROAD TRAFFIC

Location ⁽¹⁾	Source	Distance (m) ⁽²⁾	L _{eq} Day (dBA)
Northwest Corner (North Façade)	Coleraine Drive	48	64
Northwest Corner (West Façade)	Coleraine Drive	48	67

Notes:

- (1) See Figure 2.
- (2) Distance is from the point of reception to the centreline of the roadway.

TABLE 3 EXCLUSIONARY LIMITS FOR CLASS 1 AREAS – NON-IMPULSIVE SOURCES

Time of Day	One-Hour L _{eq} (dBA) ⁽¹⁾
Daytime (0700 – 1900 hours)	50
Evening (1900 to 2300 hours)	50
Nighttime (2300 – 0700 hours)	45

Note:

- (1) Daytime and evening guideline limits apply to plane of windows and outdoor points of reception. Nighttime guideline limits apply to plane of windows only.

TABLE 4 EXCLUSIONARY LIMITS FOR CLASS 1 AREAS – IMPULSIVE SOURCES

Number of Impulses in One Hour	One Hour L _{LM} (dBAI)	
	Daytime / Evening (0700 to 2300) (Plane of Window and Outdoor Points of Reception)	Nighttime (2300 to 0700) (Plane of Window)
9 or more	50	45
7 or 8	55	50
5 or 6	60	55
4	65	60
3	70	65
2	75	70
1	80	75

Note:

- (1) Daytime and evening guideline limits apply to plane of windows and outdoor points of reception. Nighttime guideline limits apply to plane of windows only.

TABLE 5 NOISE SOURCE SUMMARY

Source ID ⁽¹⁾	Source Description	Sound Power Level (dBA or dBAI)	Source Height (m) ⁽²⁾	Operating Scenarios		
				Daytime (0700 to 1900)	Evening (1900 to 2300)	Nighttime (2300 to 0700)
<i>Non-Impulsive Sources⁽⁴⁾</i>						
HVAC01 to HVAC03	10-ton HVAC unit	88	1.8 ⁽³⁾	60 min/hr	60 min/hr	30 min/hr
HTIdle_Loading01 and HTIdle_Loading02	Truck engine idling at loading docks	101	2.4	5 min/hr	0 min/hr	0 min/hr
HTIdle_Parking01 to HTIdle_Parking20	Truck engine idling in the trailer parking area	101	2.4	5 min/hr	0 min/hr	0 min/hr
HTMove_Loading	Trucks travelling to <u>and</u> from loading docks	106	2.4	2 movements/hr	No activity	No activity
HTMove_Repair	Trucks travelling to <u>or</u> from repair shop	106	2.4	5 movements/hr	No activity	No activity
HTMove_Parking	Trucks travelling to <u>or</u> from trailer parking area	106	2.4	20 movements/hr	5 movements/hr	2 movements/hr
<i>Impulse Sources - Loading</i>						
Loading01 and Loading02	Loading Impulses	111	2.0	9 or more impulses at each loading dock	No activity	No activity
<i>Impulse Sources – Trailer Coupling/Uncoupling</i>						
TrailerCoupling01 and TrailerCoupling02	Trailer coupling/uncoupling impulses	115	1.0	20 coupling / uncoupling impulses	3 coupling / uncoupling impulses	1 coupling / uncoupling impulses

Notes:

- (1) See Figures 3A, 3B and 3C.
- (2) Source heights are relative to grade unless otherwise stated.
- (3) Relative to the top of the roof.
- (4) Where multiple source IDs are listed, the sound power levels and operating times applies to each source.

TABLE 6 UNMITIGATED SOUND LEVELS DUE TO SITE GENERATED NON-IMPULSIVE SOURCES

Receptor ⁽¹⁾	Predicted One Hour L _{eq} (dBA)			Applicable Guideline Limit (dBA) ⁽²⁾		
	Daytime (0700 to 2300)	Evening (1900 to 2300)	Nighttime (2300 to 0700)	Daytime (0700 to 1900)	Evening (1900 to 2300)	Nighttime (2300 to 0700)
R01	47	42	38	50	50	45
R02	49	43	39	50	50	45
R03	50	44	41	61 ⁽³⁾	55 ⁽³⁾	53 ⁽³⁾
R04	49	44	-	60 ⁽³⁾	54 ⁽³⁾	-
R05	44	39	35	59 ⁽³⁾	53 ⁽³⁾	51 ⁽³⁾

Notes:

- (1) See Figure 4A.
- (2) MECP Class 1 minimum exclusion limit unless otherwise noted. (Note that the ambient sound level is expected to be higher than the minimum exclusion limits at these locations. The minimum exclusion limits were applied to be conservative.)
- (3) Ambient sound level due to road traffic on Coleraine Drive and Mayfield Road.

TABLE 7 UNMITIGATED SOUND LEVELS DUE TO SITE GENERATED IMPULSIVE SOURCES - LOADING

Receptor ⁽¹⁾	Predicted LLM (dBAI)	Applicable Guideline Limit (dBAI) ⁽²⁾
	Daytime/Evening (0700 to 2300)	Daytime/Evening (0700 to 1900)
R01	53	50
R02	56	50
R03	56	61 ⁽³⁾
R04	55	60 ⁽³⁾
R05	38	59 ⁽³⁾

Notes:

- (1) See Figure 4B.
- (2) MECP Class 1 minimum exclusion limit unless otherwise noted. (Note that the ambient sound level is expected to be higher than the minimum exclusion limits at these locations. The minimum exclusion limits were applied to be conservative.)
- (3) Ambient sound level due to road traffic on Coleraine Drive and Mayfield Road.

TABLE 8 UNMITIGATED SOUND LEVELS DUE TO SITE GENERATED IMPULSIVE SOURCES – TRAILER COUPLING/UNCOUPLING

Receptor ⁽¹⁾	Predicted One Hour L _{LM} (dBAI)			Applicable Guideline Limit (dBAI) ⁽²⁾		
	Daytime (0700 to 2300)	Evening (1900 to 2300)	Nighttime (2300 to 0700)	Daytime (0700 to 1900)	Evening (1900 to 2300)	Nighttime (2300 to 0700)
R01	55	55	55	50	70	75
R02	57	57	57	50	70	75
R03	57	57	57	61 ⁽³⁾	70	75
R04	57	57	-	60 ⁽³⁾	70	-
R05	54	54	54	59 ⁽³⁾	70	75

Notes:

- (1) See Figure 4C.
- (2) MECP Class 1 minimum exclusion limit unless otherwise noted. (Note that the ambient sound level is expected to be higher than the minimum exclusion limits at these locations. The minimum exclusion limits were applied to be conservative.)
- (3) Ambient sound level due to road traffic on Coleraine Drive and Mayfield Road.

TABLE 9 MITIGATED SOUND LEVELS DUE TO SITE GENERATED NON-IMPULSIVE SOURCES

Receptor ⁽¹⁾	Predicted One Hour L _{eq} (dBA)			Applicable Guideline Limit (dBA) ⁽²⁾		
	Daytime (0700 to 2300)	Evening (1900 to 2300)	Nighttime (2300 to 0700)	Daytime (0700 to 1900)	Evening (1900 to 2300)	Nighttime (2300 to 0700)
R01	47	42	38	50	50	45
R02	49	43	39	50	50	45
R03	50	44	41	61 ⁽³⁾	55 ⁽³⁾	53 ⁽³⁾
R04	49	44	-	60 ⁽³⁾	54 ⁽³⁾	-
R05	44	39	35	59 ⁽³⁾	53 ⁽³⁾	51 ⁽³⁾

Notes:

- (1) See Figure 5A.
- (2) MECP Class 1 minimum exclusion limit unless otherwise noted. (Note that the ambient sound level is expected to be higher than the minimum exclusion limits at these locations. The minimum exclusion limits were applied to be conservative.)
- (3) Ambient sound level due to road traffic on Coleraine Drive and Mayfield Road.

TABLE 10 MITIGATED SOUND LEVELS DUE TO SITE GENERATED IMPULSIVE SOURCES - LOADING

Receptor ⁽¹⁾	Predicted LLM (dBAI)	Applicable Guideline Limit (dBAI) ⁽²⁾
	Daytime/Evening (0700 to 2300)	Daytime/Evening (0700 to 1900)
R01	48	50
R02	50	50
R03	50	61 ⁽³⁾
R04	50	60 ⁽³⁾
R05	38	59 ⁽³⁾

Notes:

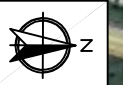
- (1) See Figure 5B.
- (2) MECP Class 1 minimum exclusion limit unless otherwise noted. (Note that the ambient sound level is expected to be higher than the minimum exclusion limits at these locations. The minimum exclusion limits were applied to be conservative.)
- (3) Ambient sound level due to road traffic on Coleraine Drive and Mayfield Road.

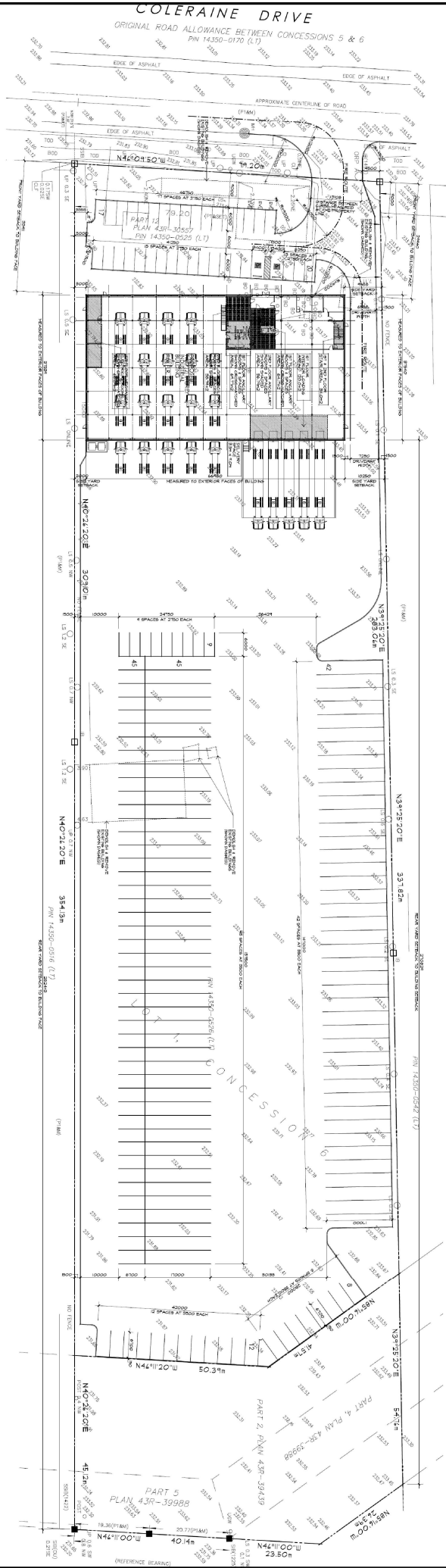
TABLE 11 MITIGATED SOUND LEVELS DUE TO SITE GENERATED IMPULSIVE SOURCES – TRAILER COUPLING/UNCOUPLING

Receptor ⁽¹⁾	Predicted One Hour L _{LM} (dBAI)			Applicable Guideline Limit (dBAI) ⁽²⁾		
	Daytime (0700 to 2300)	Evening (1900 to 2300)	Nighttime (2300 to 0700)	Daytime (0700 to 1900)	Evening (1900 to 2300)	Nighttime (2300 to 0700)
R01	49	49	49	50	70	75
R02	50	50	50	50	70	75
R03	50	50	50	61 ⁽³⁾	70	75
R04	51	51	-	60 ⁽³⁾	70	-
R05	54	54	54	59 ⁽³⁾	70	75

Notes:

- (1) See Figure 5C.
- (2) MECP Class 1 minimum exclusion limit unless otherwise noted. (Note that the ambient sound level is expected to be higher than the minimum exclusion limits at these locations. The minimum exclusion limits were applied to be conservative.)
- (3) Ambient sound level due to road traffic on Coleraine Drive and Mayfield Road.





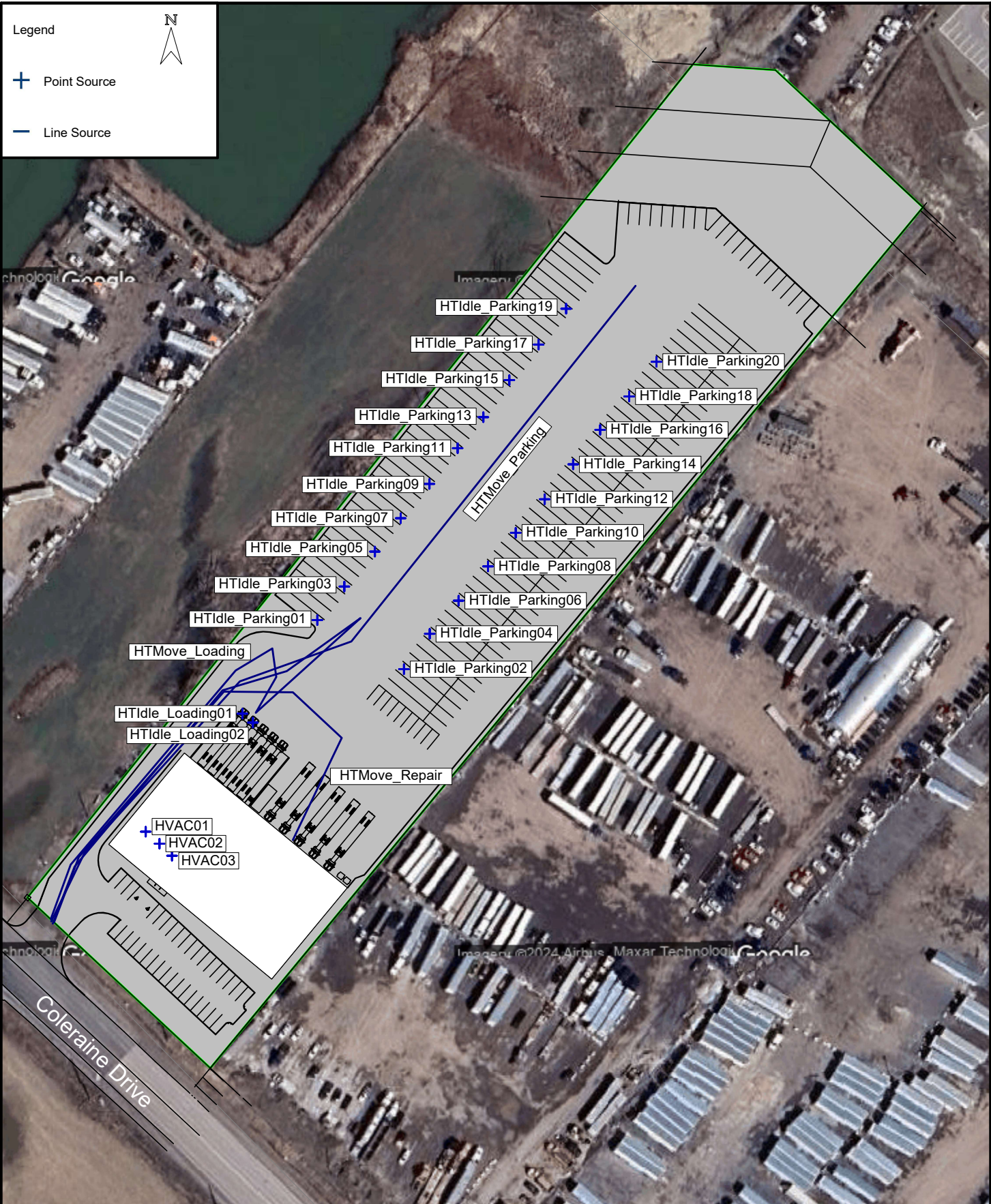
BASE DRAWING BY WHEELWRIGHT GROUP INC.

VALCOUSTICS
Canada Ltd.
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Title	Site Plan
Project Name	12155 Coleraine Drive, Bolton

Date	Oct. 17, 2024
Project No.	124-0337

Figure
2

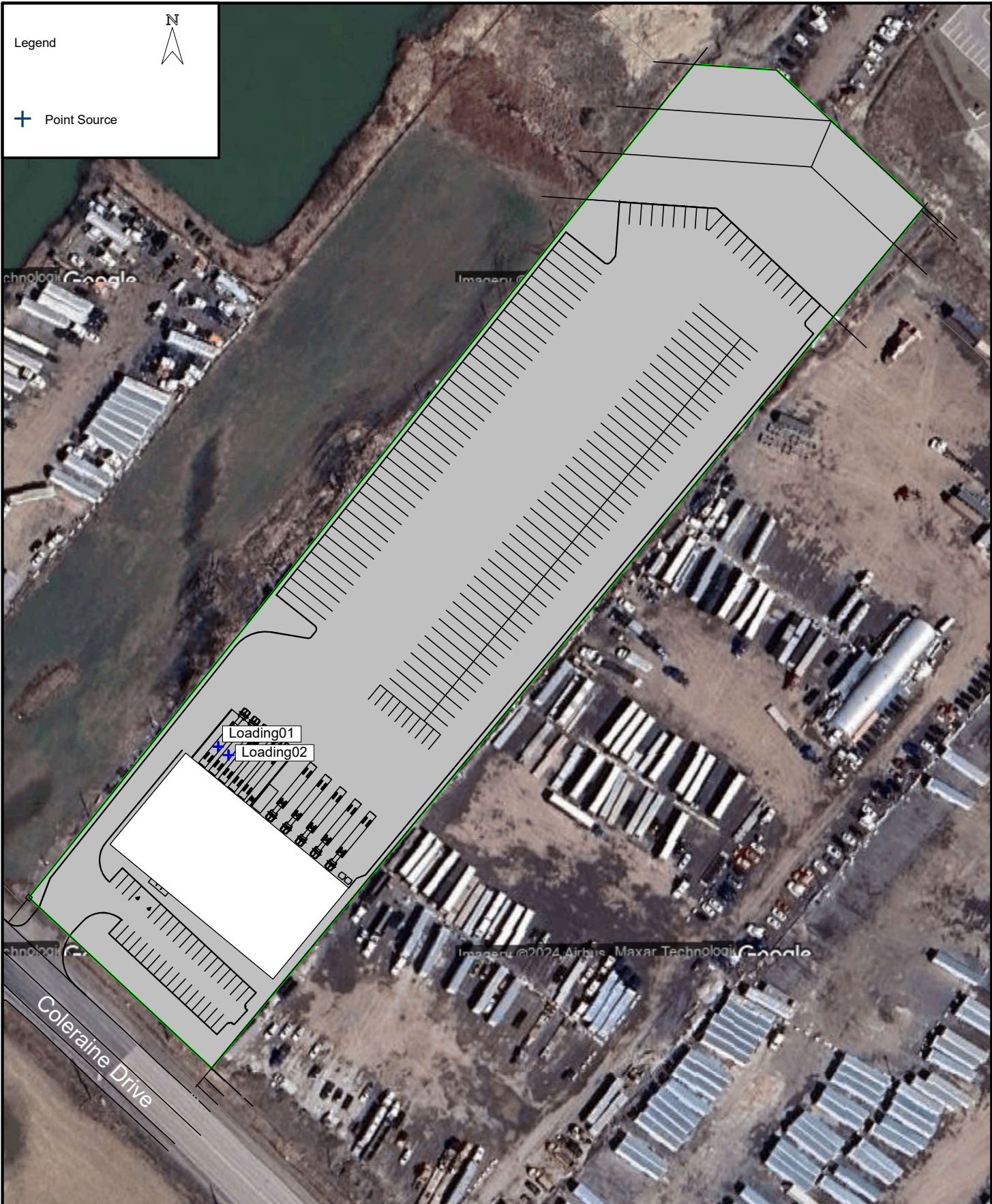


VALCOUSTICS
Canada Ltd.
consulting acoustical engineers

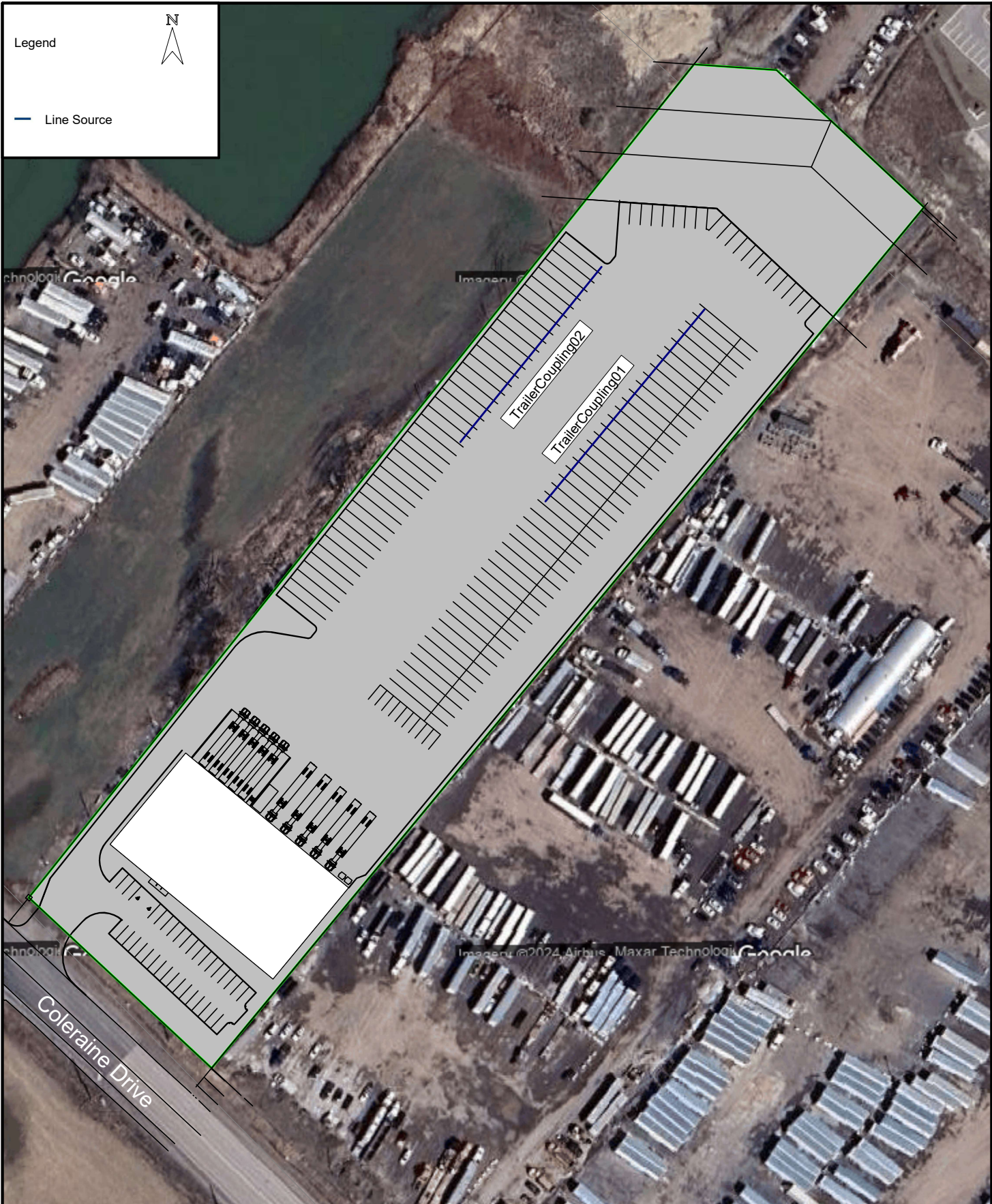
Title	Source IDs - Non-Impulse Sources
Project Name	12155 Coleraine Drive, Bolton

Date	Oct. 17, 2024
Project No.	124-0337

Figure
3A



	Title Source IDs - Loading Impulse Sources	Date Oct. 17, 2024	Figure 3B
	Project Name 12155 Coleraine Drive, Bolton	Project No. 124-0337	



VALCOUSTICS
Canada Ltd.
consulting acoustical engineers

Title
Source IDs - Trailer Parking Impulse Sources

Project Name
12155 Coleraine Drive, Bolton

Date
Oct. 17, 2024

Project No.
124-0337

Figure
3C



Title: **Unmitigated Sound Levels due to Non-Impulsive Sources (dBA)**

Project Name: **12155 Coleraine Drive, Bolton**

Date: **Oct. 17, 2024**

Project No.: **124-0337**

Figure: **4A**







	Title	Date	Figure
	Mitigated Sound Levels due to Non-Impulsive Sources (dBA) Project Name 12155 Coleraine Drive, Bolton	Oct. 17, 2024 Project No. 124-0337	5A



	Title	Date	Figure
	Mitigated Sound Levels due to Loading Impulses (dBA) Project Name 12155 Coleraine Drive, Bolton	Oct. 17, 2024 Project No. 124-0337	5B



VALCOUSTICS
Canada Ltd.
consulting acoustical engineers

Title
Mitigated Sound Levels due to Trailer Coupling/Uncoupling Impulses (dBA)

Project Name
12155 Coleraine Drive, Bolton

Date
Oct. 17, 2024

Project No.
124-0337

Figure
5C

APPENDIX A

ROAD TRAFFIC DATA

Seema Nagaraj

From: Morgan Austin
Sent: October 3, 2024 2:31 PM
To: Seema Nagaraj
Subject: FW: Traffic Data Request - Coleraine Dr and Mayfield Rd, Bolton (VCL # 1240337)

From: Sinka, Nathan <nathan.sinka@peelregion.ca>
Sent: October 3, 2024 1:49 PM
To: Morgan Austin <maustin@valcoustics.com>
Subject: RE: Traffic Data Request - Coleraine Dr and Mayfield Rd, Bolton (VCL # 1240337)

Hi Morgan,

All we have is AADT data.

Thanks,

Nathan Sinka
Specialist, Traffic Engineering
Transportation Operations, Public Works
10 Peel Centre Drive Suite B, 4th Floor
Brampton, ON L6T 4B9
Office No.: 905-791-7800 ext. 7863



From: Morgan Austin <maustin@valcoustics.com>
Sent: Thursday, October 3, 2024 1:46 PM
To: Sinka, Nathan <nathan.sinka@peelregion.ca>
Subject: RE: Traffic Data Request - Coleraine Dr and Mayfield Rd, Bolton (VCL # 1240337)

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Thanks Nathan!

I just want to confirm – does the Region have ultimate AADT data available for these roadways as well, or just the ATR data?

If there is someone else that I should contact for ultimate volumes, please let me know who to reach out to.

Thanks,

Morgan Austin, B.A.Sc , E.I.T
Acoustical E.I.T



30 Wertheim Court, Unit 25
Richmond Hill, Ontario
Canada L4B 1B9
Tel: 905-764-5223 ext. 252
Fax: 905-764-6813
maustin@valcoustics.com

From: Sinka, Nathan <nathan.sinka@peelregion.ca>
Sent: October 2, 2024 11:18 AM
To: Morgan Austin <maustin@valcoustics.com>
Subject: RE: Traffic Data Request - Coleraine Dr and Mayfield Rd, Bolton (VCL # 1240337)

Hi Morgan, see attached.

Thanks,

Nathan Sinka
Specialist, Traffic Engineering
Transportation Operations, Public Works
10 Peel Centre Drive Suite B, 4th Floor
Brampton, ON L6T 4B9
Office No.: 905-791-7800 ext. 7863



From: Morgan Austin <maustin@valcoustics.com>
Sent: Wednesday, October 2, 2024 10:49 AM
To: Sinka, Nathan <nathan.sinka@peelregion.ca>
Subject: RE: Traffic Data Request - Coleraine Dr and Mayfield Rd, Bolton (VCL # 1240337)

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Hi Nathan,

Thanks for sending the data. Can you please send the receipt as well?

Thanks,

Morgan Austin, B.A.Sc , E.I.T
Acoustical E.I.T



30 Wertheim Court, Unit 25
Richmond Hill, Ontario
Canada L4B 1B9
Tel: 905-764-5223 ext. 252
Fax: 905-764-6813
maustin@valcoustics.com

From: Sinka, Nathan <nathan.sinka@peelregion.ca>
Sent: October 1, 2024 3:17 PM
To: Morgan Austin <maustin@valcoustics.com>
Subject: FW: Traffic Data Request - Coleraine Dr and Mayfield Rd, Bolton (VCL # 1240337)

Hi Morgan,

See attached files for both of the ATR data that you purchased.

Thanks,

Nathan Sinka
Specialist, Traffic Engineering
Transportation Operations, Public Works
10 Peel Centre Drive Suite B, 4th Floor
Brampton, ON L6T 4B9
Office No.: 905-791-7800 ext. 7863



From: Morgan Austin <maustin@valcoustics.com>
Sent: Wednesday, September 25, 2024 3:32 PM
To: ZZG-Transportation Planning Data <transportationplanningdata@peelregion.ca>
Cc: Seema Nagaraj <seema@valcoustics.com>
Subject: Traffic Data Request - Coleraine Dr and Mayfield Rd, Bolton (VCL # 1240337)

CAUTION: EXTERNAL MAIL. DO NOT CLICK ON LINKS OR OPEN ATTACHMENTS YOU DO NOT TRUST.

Good Afternoon,

We are preparing a noise study for a proposed development **located at 12155 Coleraine Drive** in the Town of Caledon.

I would like to order traffic data (preferably ultimate AADT and 24-hour counts) for Coleraine Drive (Regional Rd 14) and Mayfield Road (Regional Rd150) in the vicinity of the site, if available. Does the Region have this road traffic data available?

Please let me know if you have any questions or need any additional information.

Thank you,

Morgan Austin, B.A.Sc , E.I.T
Acoustical E.I.T



30 Wertheim Court, Unit 25
Richmond Hill, Ontario
Canada L4B 1B9
Tel: 905-764-5223 ext. 252
Fax: 905-764-6813
maustin@valcoustics.com

Report-1.1		Location : 15003400NS Coleraine Drive - 300m North of Mayfield Road											43.840823°,-79.708350°			
		Direction : North											Road :			
		Dates : 2024-04-30														
Classes ----->		Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	
					M	M	H	H	H	H	H	H	H	H		
00:00	0:15		15	1		1	2								19	0.2%
0:15	0:30		17	1		1	2			1					22	0.2%
0:30	0:45	1	8				1			3					13	0.1%
0:45	1:00		13			1	4			1					19	0.2%
00:00	1:00	1	53	2		3	9			5					73	0.8%
1:00	1:15		10			1	5				2				18	0.2%
1:15	1:30		8	1		1	1			3	1				15	0.2%
1:30	1:45		7	4		2	4			2					19	0.2%
1:45	2:00		14	3		2	4			2					25	0.3%
1:00	2:00		39	8		6	14			7	3				77	0.9%
2:00	2:15		7	1			1			2					11	0.1%
2:15	2:30		7				2			1					10	0.1%
2:30	2:45	1	13				2			3					19	0.2%
2:45	3:00		6	2		1				2				1	12	0.1%
2:00	3:00	1	33	3		1	5			8				1	52	0.6%
3:00	3:15	1	13	1			2			2					19	0.2%
3:15	3:30		10				1				2				13	0.1%
3:30	3:45	1	10				2				1				14	0.2%
3:45	4:00		18				1			1					20	0.2%
3:00	4:00	2	51	1			6			3	3				66	0.7%
4:00	4:15		17	1		1				2					21	0.2%
4:15	4:30		26	4						4	1			2	37	0.4%
4:30	4:45		27	3			1			2	1				34	0.4%
4:45	5:00		66	3		2	1								72	0.8%
4:00	5:00		136	11		3	2			8	2			2	164	1.9%
5:00	5:15		50	7		1	1				1				60	0.7%
5:15	5:30	1	75	3			3			1	2				85	1.0%
5:30	5:45		95	6		1	2		1	2	2				109	1.2%
5:45	6:00	1	134	8		1	9	1		2					156	1.8%
5:00	6:00	2	354	24		3	15	1	1	5	5				410	4.6%
6:00	6:15		116	9		1	4			3	1				134	1.5%
6:15	6:30		155	16	2	1	5				1				180	2.0%
6:30	6:45	1	188	13		4	3	1	1	1	1				213	2.4%
6:45	7:00		203	11	1	5	6	6	2	1					235	2.7%
6:00	7:00	1	662	49	3	11	18	7	3	5	3				762	8.6%
7:00	7:15	1	136	11	1	3	4	2	1	2				1	162	1.8%
7:15	7:30		130	9	1	1	6		1	2	1			1	152	1.7%
7:30	7:45		104	10			3	1		4	2				124	1.4%
7:45	8:00		119	9	1	3	2	3	3	6	1			2	149	1.7%
7:00	8:00	1	489	39	3	7	15	6	5	14	4			4	587	6.6%
8:00	8:15		106	14	1	3	5	1	1	6	5			1	143	1.6%
8:15	8:30		107	5	3	1	7	1	1	3	2				130	1.5%
8:30	8:45	2	117	9	1	3	5	3	2	3				3	148	1.7%
8:45	9:00	2	104	10	4	3	4	2	2	6					137	1.5%
8:00	9:00	4	434	38	9	10	21	7	6	18	7			4	558	6.3%
9:00	9:15		120	25	1	2	5	2		6	2			1	164	1.9%
9:15	9:30		58	12	1	1	4			8	1			2	86	1.0%
9:30	9:45	1	67	16	4	2	6		1	10	1			2	108	1.2%
9:45	10:00		78	13	1	7	6	1		8	2				118	1.3%
9:00	10:00	1	323	66	7	11	21	3	1	32	6			5	476	5.4%
10:00	10:15	1	52	15	3	7	9	2	1	11	3				104	1.2%
10:15	10:30	1	51	13	4	3	6			7	3				88	1.0%
10:30	10:45	3	50	5	3	4	9			6	4			1	85	1.0%
10:45	11:00		68	13	3	8	12	3		6	5				118	1.3%
10:00	11:00	5	221	46	13	22	36	5	1	30	15			1	395	4.5%
11:00	11:15	4	46	17	4	10	4			3	2				90	1.0%
11:15	11:30	3	51	15	3	12	1	1						5	91	1.0%
11:30	11:45	3	53	16		10	2	1	1					1	87	1.0%
11:45	12:00	1	60	18	4	18	4							2	107	1.2%
11:00	12:00	11	210	66	11	50	11	2	1	3	2			8	375	4.2%

12:00	12:15	1	61	22	1	12		2	1			1	101	1.1%
12:15	12:30	2	38	30	5	20	3	1		1		2	102	1.2%
12:30	12:45	3	37	18	8	21	5			3	1	5	101	1.1%
12:45	13:00	4	40	33	5	17	6			1		3	109	1.2%
12:00	13:00	10	176	103	19	70	14	3	1	5	1	11	413	4.7%
13:00	13:15		48	36	5	17	3	2	1	1		2	115	1.3%
13:15	13:30	3	50	31	3	11	4						102	1.2%
13:30	13:45	1	54	47	1	15	3					3	123	1.4%
13:45	14:00	2	61	39	5	10	6			2			125	1.4%
13:00	14:00	5	213	153	14	53	16	2	1	3		5	465	5.2%
14:00	14:15		53	40	3	12	2				3	1	114	1.3%
14:15	14:30	3	86	46		16	6		2			1	160	1.8%
14:30	14:45	1	54	39	4	12	7						117	1.3%
14:45	15:00	4	54	73	4	15	5	1				1	157	1.8%
14:00	15:00	8	247	198	11	55	20	1	2		3	3	548	6.2%
15:00	15:15	1	68	69	2	12	7			2	2	1	164	1.9%
15:15	15:30	1	84	59		11	6				3	1	165	1.9%
15:30	15:45	1	65	47	1	14	10	3			2	2	145	1.6%
15:45	16:00	1	75	42	5	12	1	1	1	2	2	3	145	1.6%
15:00	16:00	4	292	217	8	49	24	4	1	7	6	7	619	7.0%
16:00	16:15	3	69	40	5	21	5	3	1	1		2	150	1.7%
16:15	16:30	2	55	49	4	12	1	1		3	1	1	129	1.5%
16:30	16:45	2	74	50	4	6	9	1	1	1		2	150	1.7%
16:45	17:00	1	55	52	5	10	4		2	1		5	135	1.5%
16:00	17:00	8	253	191	18	49	19	5	4	6	1	10	564	6.4%
17:00	17:15	2	72	48	2	8	5				1		138	1.6%
17:15	17:30	3	63	62	1	13	2	1	1		1		147	1.7%
17:30	17:45	5	50	55		11	7	3		3		1	135	1.5%
17:45	18:00	1	77	60	4	9	6	2			2	2	163	1.8%
17:00	18:00	11	262	225	7	41	20	6	1	3	4	3	583	6.6%
18:00	18:15	3	65	49	2	5	9				1		137	1.5%
18:15	18:30	2	67	62	3	9	9	1	1	1		3	158	1.8%
18:30	18:45	2	53	57	3	3	4						122	1.4%
18:45	19:00	1	50	36	2	10	6			1	2	1	109	1.2%
18:00	19:00	8	235	204	10	27	28	1	1	2	3	7	526	5.9%
19:00	19:15	1	48	37		9	7	1		1			104	1.2%
19:15	19:30		37	29	3	9	4				1		84	0.9%
19:30	19:45		24	19		4	7						54	0.6%
19:45	20:00		28	20	2	4	5			1	1	1	62	0.7%
19:00	20:00	1	137	105	5	26	23	1		2	2	2	304	3.4%
20:00	20:15	3	28	21		2	2			2			58	0.7%
20:15	20:30	1	23	10		2	9			2			47	0.5%
20:30	20:45	1	31	18		3	6			1	2	1	63	0.7%
20:45	21:00		30	16	2	5	3				1		57	0.6%
20:00	21:00	5	112	65	2	12	20			5	3	1	225	2.5%
21:00	21:15	2	29	18	2	1	5	1		3	1		62	0.7%
21:15	21:30	1	34	11		3	4	1					54	0.6%
21:30	21:45		35	21		4	4				1		61	0.7%
21:45	22:00	1	47	17		1	6	1		3			76	0.9%
21:00	22:00	4	145	67	2	5	19	3		6	2		253	2.9%
22:00	22:15	1	36	13	1	3	3						57	0.6%
22:15	22:30		25	18		2	2	1			1		49	0.6%
22:30	22:45	3	29	18	1	1	5		1				58	0.7%
22:45	23:00	1	52	21	2	1							77	0.9%
22:00	23:00	5	142	70	4	7	10	1	1		1		241	2.7%
23:00	23:15		21	6		1	2			1			31	0.3%
23:15	23:30		32	5		2		1					40	0.5%
23:30	23:45		17	3	1	1	3				1		26	0.3%
23:45	00:00		20	3						2			25	0.3%
23:00	00:00		90	17	1	4	5	1		3	1		122	1.4%
Total		98	5309	1968	147	525	391	59	30	180	77	74	8858	
		1.1%	59.9%	22.2%	1.7%	5.9%	4.4%	0.7%	0.3%	2.0%	0.9%	0.8%		
AM PEAK		4	203	25	4	18	12	6	3	11	5	5	235	
period		11:00	6:45	9:00	8:45	11:45	10:45	6:45	7:45	10:00	8:00	11:15	6:45	
% of class		4.1%	3.8%	1.3%	2.7%	3.4%	3.1%	10.2%	10.0%	6.1%	6.5%	6.8%		2.7%
PM PEAK		5	86	73	8	21	10	3	2	3	3	5	165	
period		17:30	14:15	14:45	12:30	12:30	15:30	15:30	14:15	12:30	14:00	12:30	15:15	
% of class		5.1%	1.6%	3.7%	5.4%	4.0%	2.6%	5.1%	6.7%	1.7%	3.9%	6.8%		1.9%

Report-1.2		Location : 15003400NS Coleraine Drive - 300m North of Mayfield Road 43.840823°,-79.708350°														
		Direction : North Road :														
		Dates : 2024-05-01														
Classes ----->		Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	
					M	M	H	H	H	H	H	H	H	H		
00:00	0:15		24	2		2	1			1					30	0.3%
0:15	0:30		13	2	1		1			1					18	0.2%
0:30	0:45	1	8	3											12	0.1%
0:45	1:00	1	14	3		1	2								21	0.2%
00:00	1:00	2	59	10	1	3	4			2					81	0.8%
1:00	1:15	1	10	9			3			2					25	0.3%
1:15	1:30		5	1			2								8	0.1%
1:30	1:45		9	2			3			1				2	17	0.2%
1:45	2:00		10	1	1	2	1			2					17	0.2%
1:00	2:00	1	34	13	1	2	9			5				2	67	0.7%
2:00	2:15		13	2			2			1	1				19	0.2%
2:15	2:30		12	4			2	1							19	0.2%
2:30	2:45	1	11	5			1	1		1					20	0.2%
2:45	3:00		14	5				1							20	0.2%
2:00	3:00	1	50	16			5	3		2	1				78	0.8%
3:00	3:15	1	18	5			1								25	0.3%
3:15	3:30		10	6			1			1	1				19	0.2%
3:30	3:45		18	2		1	1								22	0.2%
3:45	4:00		11	4			1			1					17	0.2%
3:00	4:00	1	57	17		1	4			2	1				83	0.9%
4:00	4:15		20	6			3								29	0.3%
4:15	4:30		22	11			2			1	1			1	38	0.4%
4:30	4:45		24	13			2								39	0.4%
4:45	5:00		32	30			5	1			1			1	70	0.7%
4:00	5:00		98	60		12	1		1	1	1			2	176	1.8%
5:00	5:15		46	26			6				2				80	0.8%
5:15	5:30		62	31			1	1		1					96	1.0%
5:30	5:45		68	52			2	1		2					125	1.3%
5:45	6:00		84	56	1		7	2	3						156	1.6%
5:00	6:00		260	165	1	16	4	3		6	2				457	4.8%
6:00	6:15		93	47	1	5	2			2				1	151	1.6%
6:15	6:30	1	107	67		6	4							1	186	2.0%
6:30	6:45	1	128	72	1	5	4			2				1	214	2.2%
6:45	7:00		140	85		10	6			1					242	2.5%
6:00	7:00	2	468	271	2	26	16			5				3	793	8.3%
7:00	7:15		107	61		5	5	3		1				3	185	1.9%
7:15	7:30		81	79		6	1	1						1	173	1.8%
7:30	7:45	1	54	40	1	6	1	1		3	1			2	106	1.1%
7:45	8:00	1	82	69	3	5	2							2	164	1.7%
7:00	8:00	2	324	249	4	22	9	5		4	1			8	628	6.6%
8:00	8:15	2	61	44	2	9	8			1	1			3	131	1.4%
8:15	8:30	1	81	56		10	3	1			1			2	155	1.6%
8:30	8:45	2	76	58	2	11	6	1						1	157	1.6%
8:45	9:00	2	86	66	1	9	6			2				1	173	1.8%
8:00	9:00	7	304	224	5	39	23	2		3	2			7	616	6.5%
9:00	9:15	2	79	44	6	6	3			1	1			2	144	1.5%
9:15	9:30	2	63	50	5	12	6			1				3	142	1.5%
9:30	9:45		39	33	1	11	3	1		1				3	93	1.0%
9:45	10:00	2	44	39	3	15	5	2		3	1			1	115	1.2%
9:00	10:00	6	225	166	15	44	17	3		1	6	2		9	494	5.2%
10:00	10:15	1	43	26	4	9	6			1				3	93	1.0%
10:15	10:30	4	48	17	5	10	3	1		2				2	92	1.0%
10:30	10:45	1	59	32	2	9	4	3		1	3	3		2	119	1.2%
10:45	11:00		50	22	3	12	6			2	1	1		2	99	1.0%
10:00	11:00	6	200	97	14	40	19	4		3	7	4		9	403	4.2%
11:00	11:15	3	41	36	5	13	1	1		1				3	105	1.1%
11:15	11:30	1	41	27	4	9	3			1	3	2		3	94	1.0%
11:30	11:45	1	51	24	6	10	8	1		1	1	1		4	108	1.1%
11:45	12:00	6	64	25	3	11	8	2		1	1			3	124	1.3%
11:00	12:00	11	197	112	18	43	20	4		3	5	5		13	431	4.5%

12:00	12:15	1	55	20	5	14	4				1		3	103	1.1%
12:15	12:30	2	70	22	2	10	4	1			2	2	2	117	1.2%
12:30	12:45	2	49	24	5	5	4	2	1		2		1	95	1.0%
12:45	13:00	4	42	28	4	8	10	2	1				3	102	1.1%
12:00	13:00	9	216	94	16	37	22	5	2	4		3	9	417	4.4%
13:00	13:15	1	61	26	3	7	5	1				1		105	1.1%
13:15	13:30	1	54	40	9	12	9		1			1	2	129	1.4%
13:30	13:45	1	49	43	3	11	1	1					3	112	1.2%
13:45	14:00	3	52	53	1	14	8	1	1				2	132	1.4%
13:00	14:00	3	216	162	16	44	23	3	2		2		7	478	5.0%
14:00	14:15	2	75	34	3	12	3	1	1	1	4		1	137	1.4%
14:15	14:30	1	79	36	6	14	2				1		3	142	1.5%
14:30	14:45	4	60	40	3	9	5				2		3	126	1.3%
14:45	15:00	3	73	68	2	12	2				2		1	163	1.7%
14:00	15:00	10	287	178	14	47	12	1	1	5	5		8	568	6.0%
15:00	15:15	3	73	54	1	10	7	1		1	1		2	153	1.6%
15:15	15:30	3	84	47	5	14	5	2			1	1	4	166	1.7%
15:30	15:45	2	80	44	1	9	5	1	4	1			1	148	1.6%
15:45	16:00	3	75	49	2	10	5	1		1	1		6	153	1.6%
15:00	16:00	11	312	194	9	43	22	5	4	4	3		13	620	6.5%
16:00	16:15	2	63	39		16	2		1				1	124	1.3%
16:15	16:30	3	77	37	3	9	6	1	1	1	1		4	143	1.5%
16:30	16:45	3	84	54	2	15	2	1				1		162	1.7%
16:45	17:00	1	80	51	4	15	1	3	1				1	157	1.6%
16:00	17:00	9	304	181	9	55	11	5	3	1	2		6	586	6.1%
17:00	17:15		99	50	3	17	7	1			3		4	184	1.9%
17:15	17:30	4	75	57	3	11	7	3					3	163	1.7%
17:30	17:45	2	85	61	3	10	3	1			1		2	168	1.8%
17:45	18:00	1	89	63	3	13	9	1	1		3		2	185	1.9%
17:00	18:00	7	348	231	12	51	26	6	1	7			11	700	7.3%
18:00	18:15	3	58	68	3	10	8	1	1		2		4	158	1.7%
18:15	18:30	2	76	65		9		1			3		1	157	1.6%
18:30	18:45	3	79	50	3	10	5	2		1	2		4	159	1.7%
18:45	19:00	2	78	57		10	4		1				2	154	1.6%
18:00	19:00	10	291	240	6	39	17	4	2	1	7		11	628	6.6%
19:00	19:15		46	28		8	1				1		4	88	0.9%
19:15	19:30		40	18	1	3	4		2	1	1		3	73	0.8%
19:30	19:45	3	52	29	2	4	12	2						104	1.1%
19:45	20:00		28	25	2	4	3		1				1	64	0.7%
19:00	20:00	3	166	100	5	19	20	2	3	2	1		8	329	3.4%
20:00	20:15		24	13	1	1	7				1			47	0.5%
20:15	20:30	1	38	19	1	4	5						1	69	0.7%
20:30	20:45		30	13	1	6	7				1	1	1	60	0.6%
20:45	21:00	3	29	24	1	8	3			1			1	70	0.7%
20:00	21:00	4	121	69	4	19	22		2	2			3	246	2.6%
21:00	21:15	2	36	13		5	3			2			1	62	0.7%
21:15	21:30	1	34	20	1	4	7			1	1			69	0.7%
21:30	21:45		29	31		1	4			2			1	68	0.7%
21:45	22:00	1	50	20		5	5		1				1	83	0.9%
21:00	22:00	4	149	84	1	15	19		1	5	1		3	282	3.0%
22:00	22:15		35	18			3			1				57	0.6%
22:15	22:30	1	40	6		2	5			3				57	0.6%
22:30	22:45		29	16		1	3			2				51	0.5%
22:45	23:00		43	11		2				2				58	0.6%
22:00	23:00	1	147	51		5	11			8				223	2.3%
23:00	23:15		33	3		3	4							43	0.5%
23:15	23:30		39	10		1	1			1	2			54	0.6%
23:30	23:45		21	7		5			1		1			35	0.4%
23:45	00:00		17	4						1				22	0.2%
23:00	00:00		110	24		4	10		1	2	3			154	1.6%
Total		110	4943	3008	153	626	346	55	28	89	48		132	9538	
		1.2%	51.8%	31.5%	1.6%	6.6%	3.6%	0.6%	0.3%	0.9%	0.5%		1.4%		
AM PEAK		6	140	85	6	15	8	3	2	3	3		4	242	
period		11:45	6:45	6:45	9:00	9:45	8:00	5:45	10:45	5:45	10:30		11:30	6:45	
% of class		5.5%	2.8%	2.8%	3.9%	2.4%	2.3%	5.5%	7.1%	3.4%	6.3%		3.0%		2.5%
PM PEAK		4	99	68	9	17	12	3	4	3	4		6	185	
period		12:45	17:00	14:45	13:15	17:00	19:30	16:45	15:30	17:00	14:00		15:45	17:45	
% of class		3.6%	2.0%	2.3%	5.9%	2.7%	3.5%	5.5%	14.3%	3.4%	8.3%		4.5%		1.9%

Report-1.3		Location : 15003400NS Coleraine Drive - 300m North of Mayfield Road 43.840823°,-79.708350°														
		Direction : North Road :														
		Dates : 2024-05-02														
Classes ----->		Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	
					M	M	H	H	H	H	H	H	H	H		
00:00	0:15		26	3		1	1			3					34	0.3%
0:15	0:30		19	3		3	1								26	0.3%
0:30	0:45		11	5		1	1	1		3					22	0.2%
0:45	1:00		22	4			1								27	0.3%
00:00	1:00		78	15		5	4	1		6					109	1.1%
1:00	1:15		19	2		1	2			1					25	0.3%
1:15	1:30		8				3			1					12	0.1%
1:30	1:45		8	4		1	4			1					18	0.2%
1:45	2:00		12	7			1								20	0.2%
1:00	2:00		47	13		2	10			3					75	0.8%
2:00	2:15		6	6			1			1					14	0.1%
2:15	2:30		13	4			1			4				1	23	0.2%
2:30	2:45	1	13	1			1			1					17	0.2%
2:45	3:00		8	2			2			1					13	0.1%
2:00	3:00	1	40	13			5			7				1	67	0.7%
3:00	3:15		12	3			1			1					17	0.2%
3:15	3:30	1	25	2		1	1								30	0.3%
3:30	3:45		4	2			2			1	1				10	0.1%
3:45	4:00		15	4			2								21	0.2%
3:00	4:00	1	56	11		3	4			2	1				78	0.8%
4:00	4:15		18	10		1	1								30	0.3%
4:15	4:30		27	13		2	1								43	0.4%
4:30	4:45		48	11		1		1						1	62	0.6%
4:45	5:00		46	18		1	1	1			3				70	0.7%
4:00	5:00		139	52		5	3	2						1	205	2.1%
5:00	5:15		79	13		3				1	1				97	1.0%
5:15	5:30		82	26			1			2					111	1.1%
5:30	5:45	1	87	33		5	3		1		1				131	1.3%
5:45	6:00	2	103	51		10	5	1		2	1			1	176	1.8%
5:00	6:00	3	351	123		18	9	1	1	5	3			1	515	5.2%
6:00	6:15		107	55		7		1			2				172	1.7%
6:15	6:30		122	55		6	5	1		1	1			1	192	1.9%
6:30	6:45		178	45	1	10	7		1	1	1				244	2.5%
6:45	7:00	2	175	53		7	9	2	3	4	4				255	2.6%
6:00	7:00	2	582	208	1	30	21	4	4	6	4			1	863	8.7%
7:00	7:15		133	40	3	8	5			3				2	194	2.0%
7:15	7:30	1	136	68	3	2	8			2				1	221	2.2%
7:30	7:45	1	107	32	2	7	4	1	1	2	1				158	1.6%
7:45	8:00		110	44	3	8	2	3		1					171	1.7%
7:00	8:00	2	486	184	11	25	19	4	1	8	1			3	744	7.5%
8:00	8:15	1	103	43	1	13	7		1	3	2			1	175	1.8%
8:15	8:30	1	91	35	4	7	7	1	2	1	3			3	155	1.6%
8:30	8:45		108	60	2	10	4		1	4				1	190	1.9%
8:45	9:00		113	54	1	14	4	2							188	1.9%
8:00	9:00	2	415	192	8	44	22	3	4	8	5			5	708	7.2%
9:00	9:15	1	75	47	4	8	3	1	1	1					141	1.4%
9:15	9:30	1	68	28	2	7	6		1	4	2			3	121	1.2%
9:30	9:45		54	19	2	8	5	1	1	2	1			1	94	1.0%
9:45	10:00	3	52	29	2	5	3			2	1				97	1.0%
9:00	10:00	5	249	123	10	28	17	2	2	9	4			4	453	4.6%
10:00	10:15	1	53	19	6	7	8	1		1				2	98	1.0%
10:15	10:30	3	54	23	7	12	7	1		1	2			1	111	1.1%
10:30	10:45	1	39	27	4	12	5							3	91	0.9%
10:45	11:00	3	56	10	7	13	11			6	1				107	1.1%
10:00	11:00	8	202	79	24	44	31	2		8	3			6	407	4.1%
11:00	11:15	2	62	20	4	11	8		3	6	2				118	1.2%
11:15	11:30		50	18	8	9	8	2	1	4					100	1.0%
11:30	11:45	1	48	18	2	12	9		1	1	1			2	95	1.0%
11:45	12:00	1	49	25	3	5	7			3	1			2	96	1.0%
11:00	12:00	4	209	81	17	37	32	2	5	14	4			4	409	4.1%

12:00	12:15	3	71	15	6	11	10	1	5	1					123	1.2%
12:15	12:30		63	22	6	13	7	1	2	4			2		120	1.2%
12:30	12:45	1	66	23	2	15	4	1							112	1.1%
12:45	13:00	6	57	33	4	9	10	1	1	1			1		123	1.2%
12:00	13:00	10	257	93	18	48	31	1	4	8	5		3		478	4.8%
13:00	13:15	2	61	24	2	6	5			1	3				104	1.1%
13:15	13:30		72	24	3	5	3		2	5	1				115	1.2%
13:30	13:45	1	62	30	3	11	5		1	3	1		1		118	1.2%
13:45	14:00	2	71	47	7	7	6		1	3					144	1.5%
13:00	14:00	5	266	125	15	29	19		4	12	5		1		481	4.9%
14:00	14:15	1	71	36	3	12	9		1	2	1		2		138	1.4%
14:15	14:30	1	77	42	2	7	5		1	4	2		3		144	1.5%
14:30	14:45		82	34	4	11	2			1	1		2		137	1.4%
14:45	15:00	1	98	57	4	13	2		1	2	4		1		183	1.9%
14:00	15:00	3	328	169	13	43	18		3	9	8		8		602	6.1%
15:00	15:15	1	87	42	1	11	6			4	1		1		154	1.6%
15:15	15:30		94	35	1	9	4			3	1		1		148	1.5%
15:30	15:45	3	99	33	1	13	6	3	1	1			3		160	1.6%
15:45	16:00		87	41	6	9	9		1	2	2		1		160	1.6%
15:00	16:00	4	367	151	9	42	25	3	2	10	4		5		622	6.3%
16:00	16:15	1	93	30	1	18	4	1		2	1				151	1.5%
16:15	16:30	2	59	34	3	16	4		1		3		1		123	1.2%
16:30	16:45		83	38		8	6				4		1		140	1.4%
16:45	17:00	3	72	46	2	16	7	1			3	1			151	1.5%
16:00	17:00	6	307	148	6	58	21	2	1	5	9		2		565	5.7%
17:00	17:15	1	71	53	2	14	2	1	1	2	1		1		149	1.5%
17:15	17:30	2	69	44	2	14	8	1	1	5	2		2		150	1.5%
17:30	17:45	3	83	51		10	6			1	1		1		156	1.6%
17:45	18:00	1	78	70	3	7	6				4		4		173	1.8%
17:00	18:00	7	301	218	7	45	22	2	2	12	4		8		628	6.4%
18:00	18:15	1	91	68	2	8	8	3		3	1		2		187	1.9%
18:15	18:30	1	82	57	1	11	3			3			1		159	1.6%
18:30	18:45		58	39	1	10	3			4			3		118	1.2%
18:45	19:00		65	37	1	4	4	1		1	3		3		115	1.2%
18:00	19:00	2	296	201	5	29	18	4		11	4		9		579	5.9%
19:00	19:15	1	47	27		7	3	1			2		2		90	0.9%
19:15	19:30	1	48	26	1	8	3	1	1	1					90	0.9%
19:30	19:45	1	39	18	1	6	5								70	0.7%
19:45	20:00	1	46	22		5	4				1				79	0.8%
19:00	20:00	4	180	93	2	26	15	2	1	2	2		2		329	3.3%
20:00	20:15	2	37	18	1	4	2				1		2		67	0.7%
20:15	20:30	3	49	18	3	5	8	1			6				93	0.9%
20:30	20:45	2	34	12		6	6				2		1		63	0.6%
20:45	21:00	3	36	15	1	3	9				2	1			70	0.7%
20:00	21:00	10	156	63	5	18	25	1		10	2		3		293	3.0%
21:00	21:15		37	10	1	1	2				2				53	0.5%
21:15	21:30	1	33	25		4	4				1				68	0.7%
21:30	21:45		40	20	1	4	1				2				68	0.7%
21:45	22:00		53	23	1	1	2				1				81	0.8%
21:00	22:00	1	163	78	3	10	9				6				270	2.7%
22:00	22:15		46	10		1	1				4				62	0.6%
22:15	22:30	1	30	11		1	1				1				45	0.5%
22:30	22:45	1	38	12		3	1				1	1			57	0.6%
22:45	23:00		42	18		2	2				1		1		66	0.7%
22:00	23:00	2	156	51		7	5				6	2			230	2.3%
23:00	23:15		26	10		3							1		40	0.4%
23:15	23:30		25	14		2									41	0.4%
23:30	23:45	1	30	11		2									44	0.4%
23:45	00:00		18	7		1			1	1					28	0.3%
23:00	00:00	1	99	42		8			1	1			1		153	1.6%
Total			83	5730	2526	154	604	385	36	35	168	73	69		9863	
			0.8%	58.1%	25.6%	1.6%	6.1%	3.9%	0.4%	0.4%	1.7%	0.7%	0.7%			
AM PEAK		3	178	68	8	14	11	3	3	6	3	3	3		255	
period		9:45	6:30	7:15	11:15	8:45	10:45	7:45	6:45	10:45	4:45		8:15		6:45	
% of class		3.6%	3.1%	2.7%	5.2%	2.3%	2.9%	8.3%	8.6%	3.6%	4.1%		4.3%		2.6%	
PM PEAK		6	99	70	7	18	10	3	2	6	4	4	4		187	
period		12:45	15:30	17:45	13:45	16:00	12:00	15:30	13:15	20:15	12:15		17:45		18:00	
% of class		7.2%	1.7%	2.8%	4.5%	3.0%	2.6%	8.3%	5.7%	3.6%	5.5%		5.8%		1.9%	

Report-1.4		Location : 15003400NS Coleraine Drive - 300m North of Mayfield Road 43.840823°,-79.708350°														
		Direction : South Road :														
		Dates : 2024-04-30														
Classes ----->		Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	
					M	M	H	H	H	H	H	H	H	H		
00:00	0:15		34	2			6			1					43	0.5%
0:15	0:30		15	1			2								18	0.2%
0:30	0:45		16				3			2	1				22	0.3%
0:45	1:00	1	10				2			2					15	0.2%
00:00	1:00	1	75	3			13			5	1				98	1.2%
1:00	1:15		10	3			1			2					16	0.2%
1:15	1:30		4				3			2					9	0.1%
1:30	1:45		18	1			2			2					23	0.3%
1:45	2:00		29	2			5								36	0.4%
1:00	2:00		61	6			11			6					84	1.0%
2:00	2:15		23	2			1			2					28	0.3%
2:15	2:30		12	1		1	6							1	21	0.3%
2:30	2:45		10				1			1					12	0.1%
2:45	3:00		11				2			2	2				17	0.2%
2:00	3:00		56	3		1	10			5	2			1	78	0.9%
3:00	3:15		15				1			2					18	0.2%
3:15	3:30		9				5			1					15	0.2%
3:30	3:45		7	2		1	2			3				1	16	0.2%
3:45	4:00		9				1			2	1				13	0.2%
3:00	4:00		40	2		1	9			8	1			1	62	0.7%
4:00	4:15		16				2			2					20	0.2%
4:15	4:30		12	3										1	16	0.2%
4:30	4:45		38	9	1		10			1					59	0.7%
4:45	5:00		36	6	1	1	3			2	1				50	0.6%
4:00	5:00		102	18	2	1	15			5	1			1	145	1.7%
5:00	5:15	2	69	11		1	9	1		2				1	96	1.2%
5:15	5:30		48	8	1	2	6							1	66	0.8%
5:30	5:45		57	6		2	8			2				1	76	0.9%
5:45	6:00	1	50	15		2	7		1	1	1			1	79	0.9%
5:00	6:00	3	224	40	1	7	30	1	1	5	1			4	317	3.8%
6:00	6:15	1	68	17		1	7		1	5	5			1	106	1.3%
6:15	6:30	1	58	14	2	3	3	1		5	1			2	90	1.1%
6:30	6:45		76	20		4	4			5	2			1	112	1.3%
6:45	7:00	1	68	16		5	14	1		3				3	111	1.3%
6:00	7:00	3	270	67	2	13	28	2	1	18	8			7	419	5.0%
7:00	7:15	2	94	14	3	5	17		1	4	7			2	149	1.8%
7:15	7:30		70	20	1	3	9			4				1	108	1.3%
7:30	7:45	1	71	6	3	4	12			4	4			1	106	1.3%
7:45	8:00		72	15	1	3	5		3	4	3			2	108	1.3%
7:00	8:00	3	307	55	8	15	43		4	16	14			6	471	5.6%
8:00	8:15	1	83	16	1	3	10			5	5			2	126	1.5%
8:15	8:30	4	74	12	2	5	5			9	2			2	115	1.4%
8:30	8:45		73	6	4	4	5			6	1			3	102	1.2%
8:45	9:00	2	70	7		3	9	2	1	4	4			3	105	1.3%
8:00	9:00	7	300	41	7	15	29	2	1	24	12			10	448	5.4%
9:00	9:15		11	2	3	10			4	5	2			3	99	1.2%
9:15	9:30		52	15	5	2	6			7	4			3	94	1.1%
9:30	9:45		53	12	2	3	8			10				4	92	1.1%
9:45	10:00	1	33	10	2	1	3	1		8				5	64	0.8%
9:00	10:00	1	197	48	11	9	27	1	4	30	6			15	349	4.2%
10:00	10:15	1	41	7	3	3	7			12				2	76	0.9%
10:15	10:30	2	44	12	2	9	9			7	2			2	89	1.1%
10:30	10:45	1	39	9	5	6	3			11	1			4	79	0.9%
10:45	11:00		53	10	4	2	4	1		7	1			4	86	1.0%
10:00	11:00	4	177	38	14	20	23	1		37	4			12	330	4.0%
11:00	11:15	1	65	9		4	5	1		7	5			5	102	1.2%
11:15	11:30		64	12	1	2	4		3	5	4			2	97	1.2%
11:30	11:45	2	74	12	2	3	5	2		7	2			5	114	1.4%
11:45	12:00		92	12		5	6			11	2			1	129	1.5%
11:00	12:00	3	295	45	3	14	20	3	3	30	13			13	442	5.3%

12:00	12:15		75	11	3	5	11	2	1	9	1		3	121	1.5%
12:15	12:30	2	56	5	3	7	8		1	9	3		5	99	1.2%
12:30	12:45	1	58	12	5	4	6		1	8	3		6	104	1.2%
12:45	13:00	1	58	18	1		4		1	11	5		5	104	1.2%
12:00	13:00	4	247	46	12	16	29	2	4	37	12		19	428	5.1%
13:00	13:15	1	68	9	1	2	5			16	3		3	108	1.3%
13:15	13:30	1	75	5	1	3	5			9	2		2	103	1.2%
13:30	13:45	1	86	3	3	3	8			6	4		3	117	1.4%
13:45	14:00	2	86	8	3	1	7	1		7	3		1	119	1.4%
13:00	14:00	5	315	25	8	9	25	1		38	12		9	447	5.4%
14:00	14:15	6	85	7	2	2	10	2		8	2		3	127	1.5%
14:15	14:30	2	104	8	3		8	1		8	1		5	140	1.7%
14:30	14:45	2	106	6	1	1	11	3	1	3	5		1	140	1.7%
14:45	15:00	2	90	16	1	5	8			5	2		2	131	1.6%
14:00	15:00	12	385	37	7	8	37	6	1	24	10		11	538	6.5%
15:00	15:15	5	143	20	2	9	8			4			3	194	2.3%
15:15	15:30	2	159	13	4	7	12	2		6	2		3	210	2.5%
15:30	15:45	1	146	17	4	2	7			7	1		2	187	2.2%
15:45	16:00	2	111	8	3	3	8	2		8	1		2	148	1.8%
15:00	16:00	10	559	58	13	21	35	4		25	4		10	739	8.9%
16:00	16:15	1	144	10	3	2	9	1		4	1		2	177	2.1%
16:15	16:30	2	128	8		3	12		1	5	2		1	162	1.9%
16:30	16:45	1	133	7		3	5	1		6	2		2	160	1.9%
16:45	17:00		106	13	1	1	6	1		4	1		3	136	1.6%
16:00	17:00	4	511	38	4	9	32	3	1	19	6		8	635	7.6%
17:00	17:15		153	11		1	7	1	1	5	1		3	183	2.2%
17:15	17:30	2	110	5	1	2	9	2			1			132	1.6%
17:30	17:45		151	10	1	4	6	2	1	3	1			179	2.1%
17:45	18:00		108	8		2	8			7			1	134	1.6%
17:00	18:00	2	522	34	2	9	30	5	2	15	3		4	628	7.5%
18:00	18:15	2	164	4	1	1	7	3		2			2	186	2.2%
18:15	18:30	4	104	8		3	5		1	6	1		1	133	1.6%
18:30	18:45		88	9	2	2	4		1	6	2		1	115	1.4%
18:45	19:00		86	7		2	5			5	2			107	1.3%
18:00	19:00	6	442	28	3	8	21	3	2	19	5		4	541	6.5%
19:00	19:15	1	97	4		1	4			2	1		2	112	1.3%
19:15	19:30	1	63	1	1	4	3			2	2		1	78	0.9%
19:30	19:45		39	4		2	5			4			2	56	0.7%
19:45	20:00	1	43	3		1	8			1			1	58	0.7%
19:00	20:00	3	242	12	1	8	20			9	3		6	304	3.6%
20:00	20:15	2	58	3		2	1			3				69	0.8%
20:15	20:30		44	3		3	4			3	1		2	60	0.7%
20:30	20:45	1	40	1			3			3				48	0.6%
20:45	21:00		43	2			7			6			1	59	0.7%
20:00	21:00	3	185	9		5	15			15	1		3	236	2.8%
21:00	21:15		42	1			4			4				51	0.6%
21:15	21:30	1	45	4		1	4				1			56	0.7%
21:30	21:45		33	1	1		5			4	1			45	0.5%
21:45	22:00		43	5			6			4				58	0.7%
21:00	22:00	1	163	11	1	1	19			12	2			210	2.5%
22:00	22:15		47	1			3			2			1	54	0.6%
22:15	22:30	1	41	2		1	2			2				49	0.6%
22:30	22:45	1	35			1	4			2	2			45	0.5%
22:45	23:00	1	39		1		5			2				48	0.6%
22:00	23:00	3	162	3	1	2	14			8	2		1	196	2.4%
23:00	23:15	1	66	2			1	1		2				73	0.9%
23:15	23:30		43	2			3							48	0.6%
23:30	23:45		40				3			1	1		1	46	0.6%
23:45	00:00		25				2							27	0.3%
23:00	00:00	1	174	4			9	1		3	1		1	194	2.3%
Total		79	6011	671	100	192	544	35	24	413	124		146	8339	
		0.9%	72.1%	8.0%	1.2%	2.3%	6.5%	0.4%	0.3%	5.0%	1.5%		1.8%		
AM PEAK		4	94	20	5	9	17	2	4	12	7		5	149	
period		8:15	7:00	6:30	9:15	10:15	7:00	8:45	9:00	10:00	7:00		9:45	7:00	
% of class		5.1%	1.6%	3.0%	5.0%	4.7%	3.1%	5.7%	16.7%	2.9%	5.6%		3.4%		1.8%
PM PEAK		6	164	20	5	9	12	3	1	16	5		6	210	
period		14:00	18:00	15:00	12:30	15:00	15:15	14:30	12:00	13:00	12:45		12:30	15:15	
% of class		7.6%	2.7%	3.0%	5.0%	4.7%	2.2%	8.6%	4.2%	3.9%	4.0%		4.1%		2.5%

Report-1.5		Location : 15003400NS Coleraine Drive - 300m North of Mayfield Road 43.840823°,-79.708350°														
		Direction : South Road :														
		Dates : 2024-05-01														
Classes ----->		Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	
					M	M	H	H	H	H	H	H	H	H		
00:00	0:15		36	1			3								40	0.4%
0:15	0:30		21				1			1					23	0.2%
0:30	0:45		10							2	1				13	0.1%
0:45	1:00		11				4			1					16	0.2%
00:00	1:00		78	1			8			4	1				92	1.0%
1:00	1:15		13	1				1		2					17	0.2%
1:15	1:30		5								1				6	0.1%
1:30	1:45		15							1					16	0.2%
1:45	2:00		21	1			1			2				1	26	0.3%
1:00	2:00		54	2			1	1		5	1			1	65	0.7%
2:00	2:15		17	1			2	1							21	0.2%
2:15	2:30		17	2			1			2	1				23	0.2%
2:30	2:45		15				1			1					17	0.2%
2:45	3:00		12				2			2					16	0.2%
2:00	3:00		61	3			6	1		5	1				77	0.8%
3:00	3:15	1	22				6			3					32	0.3%
3:15	3:30		16				3			1					20	0.2%
3:30	3:45	1	14				6								21	0.2%
3:45	4:00	1	12				2			4	1				20	0.2%
3:00	4:00	3	64				17			8	1				93	1.0%
4:00	4:15	2	22	2			5			4					35	0.4%
4:15	4:30	3	25	4			6			3					41	0.4%
4:30	4:45	1	51	1	1		6			2	1			1	64	0.7%
4:45	5:00		39	6						1	3				49	0.5%
4:00	5:00	6	137	13	1		17			10	4			1	189	2.0%
5:00	5:15	4	95	5		1	3			1					109	1.2%
5:15	5:30	3	82	9		1	2			1					98	1.1%
5:30	5:45		58	8			5			2	1				74	0.8%
5:45	6:00	5	119	17		2	4			2	1				150	1.6%
5:00	6:00	12	354	39		4	14			6	2				431	4.6%
6:00	6:15	3	102	17		1	7			1					131	1.4%
6:15	6:30		119	12		4	9	3		1					148	1.6%
6:30	6:45	2	115	10		6	10		1	3	2			1	150	1.6%
6:45	7:00	1	145	17		3	12	2		2	2				184	2.0%
6:00	7:00	6	481	56		14	38	5	1	7	4			1	613	6.6%
7:00	7:15	3	139	14	1	5	17	1		6	4				190	2.0%
7:15	7:30	2	117	8	1	3	10			4	3				148	1.6%
7:30	7:45		92	9	1	3	11			3					119	1.3%
7:45	8:00	1	117	6		2	2		1	2	2			1	134	1.4%
7:00	8:00	6	465	37	3	13	40	1	1	15	9			1	591	6.3%
8:00	8:15	4	97	7	2	6	2	1	1	2				4	126	1.4%
8:15	8:30	1	107	5	1	3	5			3	4			1	130	1.4%
8:30	8:45	2	99	11	2	2	2			3	5			1	127	1.4%
8:45	9:00		90	5	2	3	7			4	4				115	1.2%
8:00	9:00	7	393	28	7	14	16	1	1	12	13			6	498	5.3%
9:00	9:15	5	114	17	2	2	3			3	3			2	151	1.6%
9:15	9:30	1	86	16	2	3	5	1	2	7	3			2	128	1.4%
9:30	9:45		65	9	1	2	3			8	1			3	92	1.0%
9:45	10:00	2	64	9	2	5	5			4	2			4	97	1.0%
9:00	10:00	8	329	51	7	12	16	1	2	22	9			11	468	5.0%
10:00	10:15	1	72	9	2	3	4	1		5	2			1	100	1.1%
10:15	10:30		71	10	4	3	7			7	3			1	106	1.1%
10:30	10:45	1	77	7	3	3	7		1	9	1			2	111	1.2%
10:45	11:00	1	59	8	1	3	7			7	3			2	91	1.0%
10:00	11:00	3	279	34	10	12	25	1	1	28	9			6	408	4.4%
11:00	11:15	2	60	8	1	1	6			4	1			3	86	0.9%
11:15	11:30	1	70	4	1	3	4			5	2			2	92	1.0%
11:30	11:45	1	68	8		1	5			6	2			1	92	1.0%
11:45	12:00	3	83	14	3	5	10		1	7	3				129	1.4%
11:00	12:00	7	281	34	5	10	25		1	22	8			6	399	4.3%

12:00	12:15	1	88	6	3	2	4		1	9	1		2	117	1.3%
12:15	12:30	4	103	16	3	3	10	2		5	3		3	152	1.6%
12:30	12:45	1	87	6	1	1	6			4	1		2	109	1.2%
12:45	13:00		70	8	3	1	3			6	5			96	1.0%
12:00	13:00	6	348	36	10	7	23	2	1	24	10		7	474	5.1%
13:00	13:15	1	87	8			5			4	2		1	108	1.2%
13:15	13:30	1	95	6	3	2	7	1	1	3	5		3	127	1.4%
13:30	13:45		79	7	1	5	13	1		8	2		1	117	1.3%
13:45	14:00	3	88	16	2	3	6			9	2			129	1.4%
13:00	14:00	5	349	37	6	10	31	2	1	24	11		5	481	5.2%
14:00	14:15	3	135	8	3	1	4	3	1	9	4		1	172	1.8%
14:15	14:30	2	131	7	1	3	8	1	1	8	3		3	168	1.8%
14:30	14:45	1	95	13		6	6	1	2	7	4		2	137	1.5%
14:45	15:00	1	102	4		6	10			5	2		1	131	1.4%
14:00	15:00	7	463	32	4	16	28	5	4	29	13		7	608	6.5%
15:00	15:15	2	187	12	1		3			7	2		2	216	2.3%
15:15	15:30		151	8	2	3	7	4	4	3	2		3	187	2.0%
15:30	15:45	3	171	15	2	3	7	1	1	3	2		3	208	2.2%
15:45	16:00	1	103	6	1		6			5	3			128	1.4%
15:00	16:00	6	612	41	6	6	23	5	5	18	9		8	739	7.9%
16:00	16:15	2	177	8	1	4	3	1		3	3		3	205	2.2%
16:15	16:30	1	128	7	3	1	9	1		4	1		1	156	1.7%
16:30	16:45	1	150	6	2	2	3				1		6	171	1.8%
16:45	17:00	1	126	10		1	4	1	1	4	1		2	151	1.6%
16:00	17:00	5	581	31	6	8	19	3	1	11	6		12	683	7.3%
17:00	17:15		178	4		1	8	2		2	3		1	199	2.1%
17:15	17:30	6	119	7	2	2	2		1	4	1		2	146	1.6%
17:30	17:45	5	171	9		1	8			3			1	198	2.1%
17:45	18:00	1	117	3	1	2	9			4			1	138	1.5%
17:00	18:00	12	585	23	3	6	27	2	1	13	4		5	681	7.3%
18:00	18:15	5	150	10			4			3	2		1	175	1.9%
18:15	18:30	3	132	6			7	1			1		2	152	1.6%
18:30	18:45	2	112	7	1	2	4			5			1	134	1.4%
18:45	19:00		106	9		1	3			4	2		1	126	1.4%
18:00	19:00	10	500	32	1	3	18	1		12	5		5	587	6.3%
19:00	19:15	3	109	4		2	5			1	1		2	127	1.4%
19:15	19:30	1	61	6		2	5			2	1		1	79	0.8%
19:30	19:45	2	93	5			4			3	1			108	1.2%
19:45	20:00	5	52	1	1	4	5			1			1	70	0.8%
19:00	20:00	11	315	16	1	8	19			7	3		4	384	4.1%
20:00	20:15		45	6			7	1		2	1		1	63	0.7%
20:15	20:30		60	3			2	1		1	2		1	70	0.8%
20:30	20:45		60	2			4	1						67	0.7%
20:45	21:00		38				1				1			40	0.4%
20:00	21:00		203	11			14	3		3	4		2	240	2.6%
21:00	21:15		41	1		1	4			5	1		2	55	0.6%
21:15	21:30		46	1	1	1	2			1				52	0.6%
21:30	21:45		39				4							43	0.5%
21:45	22:00		59	2			1						2	64	0.7%
21:00	22:00		185	4	1	2	11			6	1		4	214	2.3%
22:00	22:15		35	2			4						1	42	0.5%
22:15	22:30		27	2			4			1				34	0.4%
22:30	22:45		22		1		2			1				26	0.3%
22:45	23:00		38	1		1	1			2			2	45	0.5%
22:00	23:00		122	5	1	1	11			4			3	147	1.6%
23:00	23:15	1	50				1						1	53	0.6%
23:15	23:30		31				3			1				35	0.4%
23:30	23:45		33				3				1		2	39	0.4%
23:45	00:00		19	1		1								21	0.2%
23:00	00:00	1	133	1		1	7			1	1		3	148	1.6%
Total			121	7372	567	72	147	454	34	20	296	129	98	9310	
			1.3%	79.2%	6.1%	0.8%	1.6%	4.9%	0.4%	0.2%	3.2%	1.4%	1.1%		
AM PEAK		5	145	17	4	6	17	3	2	9	5		4	190	
period		5:45	6:45	5:45	10:15	6:30	7:00	6:15	9:15	10:30	8:30		8:00	7:00	
% of class		4.1%	2.0%	3.0%	5.6%	4.1%	3.7%	8.8%	10.0%	3.0%	3.9%		4.1%		2.0%
PM PEAK		6	187	16	3	6	13	4	4	9	5		6	216	
period		17:15	15:00	12:15	12:00	14:30	13:30	15:15	15:15	12:00	12:45		16:30	15:00	
% of class		5.0%	2.5%	2.8%	4.2%	4.1%	2.9%	11.8%	20.0%	3.0%	3.9%		6.1%		2.3%

Report-1.6		Location : 15003400NS Coleraine Drive - 300m North of Mayfield Road 43.840823°,-79.708350°														
		Direction : South Road :														
		Dates : 2024-05-02														
Classes ----->		Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	
					M	M	H	H	H	H	H	H	H	H		
00:00	0:15		36	1			5								42	0.5%
0:15	0:30		23				2							1	26	0.3%
0:30	0:45		11				3			1				1	16	0.2%
0:45	1:00		22				1			3					26	0.3%
00:00	1:00		92	1			11			4				2	110	1.3%
1:00	1:15		19					1							20	0.2%
1:15	1:30		11	2				1		1					15	0.2%
1:30	1:45		19								1				20	0.2%
1:45	2:00		33	1			2			1	1				38	0.4%
1:00	2:00		82	3			2	2		2	2				93	1.1%
2:00	2:15		16	2											18	0.2%
2:15	2:30		16	1			1							1	19	0.2%
2:30	2:45		15				4								19	0.2%
2:45	3:00		10												10	0.1%
2:00	3:00		57	3			5							1	66	0.8%
3:00	3:15		13	1				1			1				16	0.2%
3:15	3:30		21												21	0.2%
3:30	3:45		12				2	1		1					16	0.2%
3:45	4:00		14				1								15	0.2%
3:00	4:00		60	1			3	2		1	1				68	0.8%
4:00	4:15		17	2			1								20	0.2%
4:15	4:30		30	4			1			1				3	39	0.4%
4:30	4:45	2	72	2			6	1							83	1.0%
4:45	5:00		37	3			2	2		1	1			3	49	0.6%
4:00	5:00	2	156	11			2	10	1		2	1		6	191	2.2%
5:00	5:15		97	4			4	3			2				110	1.3%
5:15	5:30	1	70	6			5	1		1				2	86	1.0%
5:30	5:45	2	84	8			2	4		1				2	103	1.2%
5:45	6:00	2	92	9			2	2	1					4	112	1.3%
5:00	6:00	5	343	27			4	15	5		2	2		8	411	4.7%
6:00	6:15	4	121	12			3	7	1	1	1	4		8	162	1.9%
6:15	6:30		91	15			3	5	1		1	2			118	1.4%
6:30	6:45	2	108	9	1		2	2	1		3			2	130	1.5%
6:45	7:00		114	8			5	2		1				8	138	1.6%
6:00	7:00	6	434	44	1		8	19	5	2	5	6		18	548	6.3%
7:00	7:15	2	143	9			3	13	2	1	3	2		4	182	2.1%
7:15	7:30		143	6			1	6	2		2			4	164	1.9%
7:30	7:45	2	99	7	1		8	2			3			5	127	1.5%
7:45	8:00	3	113	6	1	1	1	6			3	2		8	143	1.6%
7:00	8:00	7	498	28	2		5	33	6	1	11	4		21	616	7.1%
8:00	8:15	1	112	8	1		3	2		2	2			4	135	1.6%
8:15	8:30		89	5	1		4	2			5			4	110	1.3%
8:30	8:45		136	13	3		1	9		1	2	1		3	169	1.9%
8:45	9:00	1	120	5	1		3	3			4	4		2	143	1.6%
8:00	9:00	2	457	31	6		11	16	1		13	7		13	557	6.4%
9:00	9:15		105	16			5	1	1		3				131	1.5%
9:15	9:30	2	78	12	1		1	2	3			2			101	1.2%
9:30	9:45	4	64	6			1	5	2		3			1	86	1.0%
9:45	10:00	1	55	6	1		3	2			5	2			75	0.9%
9:00	10:00	7	302	40	2		10	10	6		11	4		1	393	4.5%
10:00	10:15	1	62	10	3		1	8	1		8	2		1	97	1.1%
10:15	10:30	2	78	9	1		1	8		1	1	1		1	103	1.2%
10:30	10:45		50	8	3		1	2		1	4	3			72	0.8%
10:45	11:00		69	6	2		3	1			5	2		3	91	1.0%
10:00	11:00	3	259	33	9		6	19	1	2	18	8		5	363	4.2%
11:00	11:15	2	71	6	1		6	4			4	3		4	101	1.2%
11:15	11:30		63	13	2			4			3	2		4	91	1.0%
11:30	11:45		53	11	2		3	2		1	3				75	0.9%
11:45	12:00	2	58	7	4		1	7	1		6	2		3	91	1.0%
11:00	12:00	4	245	37	9		10	17	1	1	16	7		11	358	4.1%

12:00	12:15	1	83	11	2	4	7		1	1		4	114	1.3%
12:15	12:30	1	72	6	1	3	2	1		3	5	6	100	1.1%
12:30	12:45	2	70	10	1	1	4			2	1	1	92	1.1%
12:45	13:00		69	9		4	6	1		3	3	6	101	1.2%
12:00	13:00	4	294	36	4	12	19	2	1	9	9	17	407	4.7%
13:00	13:15	1	94	8	3	5	2		1	1	3	2	120	1.4%
13:15	13:30		95	7	2	2	5			4		6	121	1.4%
13:30	13:45		81	7	1	1	3				1	5	99	1.1%
13:45	14:00		98	6	2	2	5		1	4	1	1	120	1.4%
13:00	14:00	1	368	28	8	10	15		2	9	5	14	460	5.3%
14:00	14:15	4	110	10	1	1	7	1		2	2	3	141	1.6%
14:15	14:30	1	93	11	2	1	2		1	1		4	116	1.3%
14:30	14:45	5	122	10	1		7	1		4	1	3	154	1.8%
14:45	15:00		116	11	1	2	8		1	4		6	149	1.7%
14:00	15:00	10	441	42	5	4	24	2	2	11	3	16	560	6.4%
15:00	15:15	1	163	9		5	11			2	2	3	196	2.3%
15:15	15:30	4	124	10		2	3			5		3	148	1.7%
15:30	15:45	1	147	10	2	2	6	1		3	3	7	182	2.1%
15:45	16:00	1	100	3		4	5	2		2	2	7	126	1.4%
15:00	16:00	7	534	32	2	13	25	3		12	7	17	652	7.5%
16:00	16:15		168	13		2	2	1		1	2	4	193	2.2%
16:15	16:30	1	99	9	1	2	8			5	1	2	128	1.5%
16:30	16:45	4	126	7		2	6					7	152	1.7%
16:45	17:00	5	97	9		4	4	1		4	5	3	128	1.5%
16:00	17:00	10	490	38	1	6	20	2		10	8	16	601	6.9%
17:00	17:15	1	160	15	1	1	5	1		2	1	3	190	2.2%
17:15	17:30	2	95	8			2			2		2	111	1.3%
17:30	17:45		147	5	2	2	5	2		1	3	2	169	1.9%
17:45	18:00		97	7		1	2			2	1	3	113	1.3%
17:00	18:00	3	499	35	3	4	14	3		7	5	10	583	6.7%
18:00	18:15		139	7		1	4	2		3	2	5	163	1.9%
18:15	18:30	4	91	7	1	1	6	1		2	2	4	119	1.4%
18:30	18:45		77	6			1		1	4		2	91	1.0%
18:45	19:00		85	5			2	1		1	1		95	1.1%
18:00	19:00	4	392	25	1	2	13	4	1	10	5	11	468	5.4%
19:00	19:15	2	75	2		3	5	2		1	1	2	93	1.1%
19:15	19:30		87	3			1			3	2	3	99	1.1%
19:30	19:45	1	60	4	1	3	1	2		1	2	4	79	0.9%
19:45	20:00	2	54	1		3				2		2	62	0.7%
19:00	20:00	5	276	10	1	9	7	4		7	5	9	333	3.8%
20:00	20:15		57	3		1	1					2	64	0.7%
20:15	20:30	1	59	5			1	1			2	4	73	0.8%
20:30	20:45	1	51	1		1	4			1	1	2	62	0.7%
20:45	21:00		52	2			1					2	57	0.7%
20:00	21:00	2	219	11		2	7	1		1	3	10	256	2.9%
21:00	21:15	2	50	2			4	1				2	61	0.7%
21:15	21:30		42	3		1	1	1			1	3	52	0.6%
21:30	21:45		43	1		1	1			1			47	0.5%
21:45	22:00		62	3			5	1		1		2	74	0.9%
21:00	22:00	2	197	9		2	11	3		2	1	7	234	2.7%
22:00	22:15		54				2	1		1		1	59	0.7%
22:15	22:30		32	2		1	1					3	39	0.4%
22:30	22:45		27				5					1	33	0.4%
22:45	23:00		41				1					2	44	0.5%
22:00	23:00		154	2		1	9	1		1		7	175	2.0%
23:00	23:15	1	65	1			2			1		2	72	0.8%
23:15	23:30		43				4					1	48	0.6%
23:30	23:45		54									1	54	0.6%
23:45	00:00		19				1					1	21	0.2%
23:00	00:00	1	181	1			7			1		4	195	2.2%
Total		85	7030	528	54	121	331	55	12	165	93	224	8698	
		1.0%	80.8%	6.1%	0.6%	1.4%	3.8%	0.6%	0.1%	1.9%	1.1%	2.6%		
AM PEAK		4	143	16	4	6	13	3	1	8	4	8	182	
period		6:00	7:00	9:00	11:45	11:00	7:00	5:00	6:00	10:00	6:00	6:00	7:00	
% of class		4.7%	2.0%	3.0%	7.4%	5.0%	3.9%	5.5%	8.3%	4.8%	4.3%	3.6%	2.1%	
PM PEAK		5	168	15	3	5	11	2	1	5	5	7	196	
period		14:30	16:00	17:00	13:00	13:00	15:00	15:45	12:00	15:15	12:15	15:30	15:00	
% of class		5.9%	2.4%	2.8%	5.6%	4.1%	3.3%	3.6%	8.3%	3.0%	5.4%	3.1%	2.3%	

Report-1.7		Location : 15003400NS Coleraine Drive - 300m North of Mayfield Road 43.840823°,-79.708350°															
		Direction : North + South Road :															
		Dates : 2024-04-30															
Classes ----->		Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	Total Trucks	
					M	M	H	H	H	H	H	H	H	H		Med	Heavy
00:00	0:15		49	3		1	8			1					62	0.4%	
0:15	0:30		32	2		1	4			1					40	0.2%	
0:30	0:45	1	24				4			5	1				35	0.2%	
0:45	1:00	1	23			1	6			3					34	0.2%	
00:00	1:00	2	128	5		3	22			10	1				171	1.0%	3.00
1:00	1:15		20	3		1	6			2	2				34	0.2%	2%
1:15	1:30		12	1		1	4			5	1				24	0.1%	19%
1:30	1:45		25	5		2	6			4					42	0.2%	
1:45	2:00		43	5		2	9			2					61	0.4%	
1:00	2:00		100	14		6	25			13	3				161	0.9%	6.00
2:00	2:15		30	3		2	2			4					39	0.2%	4%
2:15	2:30		19	1		1	8			1				1	31	0.2%	25%
2:30	2:45	1	23				3			4					31	0.2%	
2:45	3:00		17	2		1	2			4	2			1	29	0.2%	
2:00	3:00	1	89	6		2	15			13	2			2	130	0.8%	2.00
3:00	3:15	1	28	1			3			4					37	0.2%	2%
3:15	3:30		19				6			1	2				28	0.2%	25%
3:30	3:45	1	17	2		1	4			3	1			1	30	0.2%	
3:45	4:00		27				2			3	1				33	0.2%	
3:00	4:00	2	91	3		1	15			11	4			1	128	0.7%	1.00
4:00	4:15		33	1		1	2			4					41	0.2%	1%
4:15	4:30		38	7						4	1			3	53	0.3%	31.00
4:30	4:45		65	12	1		11			3	1				93	0.5%	24%
4:45	5:00		102	9	1	3	4			2	1				122	0.7%	
4:00	5:00		238	29	2	4	17			13	3			3	309	1.8%	6.00
5:00	5:15	2	119	18		2	10	1		2	1			1	156	0.9%	2%
5:15	5:30	1	123	11	1	2	9			1	2			1	151	0.9%	12%
5:30	5:45		152	12		3	10			1	4	2		1	185	1.1%	
5:45	6:00	2	184	23		3	16	1		1	3	1		1	235	1.4%	
5:00	6:00	5	578	64	1	10	45	2	2	10	6			4	727	4.2%	11.00
6:00	6:15	1	184	26		2	11			1	8	6		1	240	1.4%	2%
6:15	6:30	1	213	30	4	4	8	1		5	2			2	270	1.6%	9%
6:30	6:45	1	264	33		8	7	1		1	6	3		1	325	1.9%	
6:45	7:00	1	271	27	1	10	20	7		2	4	4		3	346	2.0%	
6:00	7:00	4	932	116	5	24	46	9	4	23	11			7	1181	6.9%	29.00
7:00	7:15	3	230	25	4	8	21	2		2	6	7		3	311	1.8%	2%
7:15	7:30		200	29	2	4	15			1	6	1		2	260	1.5%	8%
7:30	7:45	1	175	16	3	4	15	1		8	6			1	230	1.3%	
7:45	8:00		191	24	2	6	7	3		6	10	4		4	257	1.5%	
7:00	8:00	4	796	94	11	22	58	6	9	30	18			10	1058	6.2%	33.00
8:00	8:15	1	189	30	2	6	15	1		1	11	10		3	269	1.6%	3%
8:15	8:30	4	181	17	5	6	12	1		1	12	4		2	245	1.4%	12%
8:30	8:45	2	190	15	5	7	10	3		2	9	1		6	250	1.5%	
8:45	9:00	4	174	17	4	6	13	4		3	10	4		3	242	1.4%	
8:00	9:00	11	734	79	16	25	50	9	7	42	19			14	1006	5.8%	41.00
9:00	9:15		179	36	3	5	15	2		4	11	4		4	263	1.5%	4%
9:15	9:30		110	27	6	2	10			15	5			5	180	1.0%	14%
9:30	9:45	1	120	28	6	5	14			1	20	1		4	200	1.2%	
9:45	10:00	1	111	23	3	8	9	2		16	2			7	182	1.1%	
9:00	10:00	2	520	114	18	20	48	4	5	62	12			20	825	4.8%	38.00
10:00	10:15	2	93	22	6	10	16	2		1	23	3		2	180	1.0%	5%
10:15	10:30	3	95	25	6	12	15			14	5			2	177	1.0%	18%
10:30	10:45	4	89	14	8	10	12			17	5			5	164	1.0%	
10:45	11:00		121	23	7	10	16	4		13	6			4	204	1.2%	
10:00	11:00	9	398	84	27	42	59	6	1	67	19			13	725	4.2%	69.00
11:00	11:15	5	111	26	4	14	9	1		10	7			5	192	1.1%	10%
11:15	11:30	3	115	27	4	14	5	1		3	5	4		7	188	1.1%	23%
11:30	11:45	5	127	28	2	13	7	3		1	7	2		6	201	1.2%	491.00
11:45	12:00	1	152	30	4	23	10			11	2			3	236	1.4%	
11:00	12:00	14	505	111	14	64	31	5	4	33	15			21	817	4.8%	78.00

12:00	12:15	1	136	33	4	17	11	4	2	9	1	4	222	1.3%	10%	13%
12:15	12:30	4	94	35	8	27	11	1	1	10	3	7	201	1.2%		
12:30	12:45	4	95	30	13	25	11		1	11	4	11	205	1.2%		
12:45	13:00	5	98	51	6	17	10		1	12	5	8	213	1.2%		
12:00	13:00	14	423	149	31	86	43	5	5	42	13	30	841	4.9%	117.00	138.00
13:00	13:15	1	116	45	6	19	8	2	1	17	3	5	223	1.3%	14%	16%
13:15	13:30	4	125	36	4	14	9			9	2	2	205	1.2%		
13:30	13:45	1	140	50	4	18	11			6	4	6	240	1.4%		
13:45	14:00	4	147	47	8	11	13	1		9	3	1	244	1.4%		
13:00	14:00	10	528	178	22	62	41	3	1	41	12	14	912	5.3%	84.00	112.00
14:00	14:15	6	138	47	5	14	12	2		8	5	4	241	1.4%	9%	12%
14:15	14:30	5	190	54	3	16	14	1	2	8	1	6	300	1.7%		
14:30	14:45	3	160	45	5	13	18	3	1	3	5	1	257	1.5%		
14:45	15:00	6	144	89	5	20	13	1		5	2	3	288	1.7%		
14:00	15:00	20	632	235	18	63	57	7	3	24	13	14	1086	6.3%	81.00	118.00
15:00	15:15	6	211	89	4	21	15			6	2	4	358	2.1%	7%	11%
15:15	15:30	3	243	72	4	18	18	2		9	2	4	375	2.2%		
15:30	15:45	2	211	64	5	16	17	3		7	3	4	332	1.9%		
15:45	16:00	3	186	50	8	15	9	3	1	10	3	5	293	1.7%		
15:00	16:00	14	851	275	21	70	59	8	1	32	10	17	1358	7.9%	91.00	127.00
16:00	16:15	4	213	50	8	23	14	4	1	5	1	4	327	1.9%	7%	9%
16:15	16:30	4	183	57	4	15	13	1	1	8	3	2	291	1.7%		
16:30	16:45	3	207	57	4	9	14	2	1	7	2	4	310	1.8%		
16:45	17:00	1	161	65	6	11	10	1	2	5	1	8	271	1.6%		
16:00	17:00	12	764	229	22	58	51	8	5	25	7	18	1199	7.0%	80.00	114.00
17:00	17:15	2	225	59	2	9	12	1	1	5	2	3	321	1.9%	7%	10%
17:15	17:30	5	173	67	2	15	11	3	1	2	2		279	1.6%		
17:30	17:45	5	201	65	1	15	13	5	1	6	1	1	314	1.8%		
17:45	18:00	1	185	68	4	11	14	2		7	2	3	297	1.7%		
17:00	18:00	13	784	259	9	50	50	11	3	18	7	7	1211	7.0%	59.00	96.00
18:00	18:15	5	229	53	3	6	16	3		2	1	5	323	1.9%	5%	8%
18:15	18:30	6	171	70	3	12	14	1	2	7	1	4	291	1.7%		
18:30	18:45	2	141	66	5	5	8		1	6	2	1	237	1.4%		
18:45	19:00	1	136	43	2	12	11			6	4	1	216	1.3%		
18:00	19:00	14	677	232	13	35	49	4	3	21	8	11	1067	6.2%	48.00	96.00
19:00	19:15	2	145	41		10	11	1		3	1	2	216	1.3%	4%	9%
19:15	19:30	1	100	30	4	13	7			2	3	2	162	0.9%		
19:30	19:45		63	23		6	12			4		2	110	0.6%		
19:45	20:00	1	71	23	2	5	13			2	1	2	120	0.7%		
19:00	20:00	4	379	117	6	34	43	1		11	5	8	608	3.5%	40.00	68.00
20:00	20:15	5	86	24		4	3			5			127	0.7%	7%	11%
20:15	20:30	1	67	13		5	13			5	1	2	107	0.6%		
20:30	20:45	2	71	19		3	9			4	2	1	111	0.6%		
20:45	21:00		73	18	2	5	10			6	1	1	116	0.7%		
20:00	21:00	8	297	74	2	17	35			20	4	4	461	2.7%	19.00	63.00
21:00	21:15	2	71	19	2	1	9	1		7	1		113	0.7%	4%	14%
21:15	21:30	2	79	15		4	8	1			1		110	0.6%		
21:30	21:45		68	22	1		9			4	2		106	0.6%		
21:45	22:00	1	90	22		1	12	1		7			134	0.8%		
21:00	22:00	5	308	78	3	6	38	3		18	4		463	2.7%	9.00	63.00
22:00	22:15	1	83	14	1	3	6			2		1	111	0.6%	2%	14%
22:15	22:30	1	66	20		3	4	1		2	1		98	0.6%		
22:30	22:45	4	64	18	1	2	9		1	2	2		103	0.6%		
22:45	23:00	2	91	21	3	1	5			2			125	0.7%		
22:00	23:00	8	304	73	5	9	24	1	1	8	3	1	437	2.5%	14.00	38.00
23:00	23:15	1	87	8		1	3	1		3			104	0.6%	3%	9%
23:15	23:30		75	7		2	3	1					88	0.5%		
23:30	23:45		57	3	1	1	6			1	2	1	72	0.4%		
23:45	00:00		45	3			2			2			52	0.3%		
23:00	00:00	1	264	21	1	4	14	2		6	2	1	316	1.8%	5.00	25.00
Total		177	11320	2639	247	717	935	94	54	593	201	220	17197		2%	8%
		1.0%	65.8%	15.3%	1.4%	4.2%	5.4%	0.5%	0.3%	3.4%	1.2%	1.3%				
AM PEAK		5	271	36	8	23	21	7	6	23	10	7	346			
period		11:00	6:45	9:00	10:30	11:45	7:00	6:45	7:45	10:00	8:00	9:45	6:45			
% of class		2.8%	2.4%	1.4%	3.2%	3.2%	2.2%	7.4%	11.1%	3.9%	5.0%	3.2%		2.0%		
PM PEAK		6	243	89	13	27	18	5	2	17	5	11	375			
period		14:00	15:15	14:45	12:30	12:15	14:30	17:30	12:00	13:00	12:45	12:30	15:15			
% of class		3.4%	2.1%	3.4%	5.3%	3.8%	1.9%	5.3%	3.7%	2.9%	2.5%	5.0%		2.2%		

Total Volume	17197
Total Medium Trucks	964.00
Total Heavy Trucks	2097.00
Medium Trucks %	6%
Heavy Trucks %	12%

	Volume	Percentage
Daytime (0700 - 2300)	14074	82%
Nighttime (2300 - 0600)	3123	18%

*highest daytime percentage (worst-case for office)

Time	10am-11am
Total Vehicles	725
Heavy Trucks	165.00
Medium Trucks	69.00
Heavy %	23%
Med %	10%

Report-1.8		Location :		15003400NS Coleraine Drive - 300m North of Mayfield Road											43.840823°,-79.708350°		
		Direction :		North + South											Road :		
		Dates :		2024-05-01													
Classes ----->		Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	Total	
					M	M	H	H	H	H	H	H	H	H		Med	Heavy
00:00	0:15		60	3		2	4			1					70	0.4%	
0:15	0:30		34	2	1		2			2					41	0.2%	
0:30	0:45	1	18	3						2	1				25	0.1%	
0:45	1:00	1	25	3		1	6			1					37	0.2%	
00:00	1:00	2	137	11	1	3	12			6	1				173	0.9%	4.00
1:00	1:15	1	23	10			3	1		4					42	0.2%	2%
1:15	1:30		10	1			2				1				14	0.1%	11%
1:30	1:45		24	2			3			2				2	33	0.2%	
1:45	2:00		31	2	1	2	2			4				1	43	0.2%	
1:00	2:00	1	88	15	1	2	10	1		10	1			3	132	0.7%	3.00
2:00	2:15		30	3			4	1	1	1	1				40	0.2%	25.00
2:15	2:30		29	6			3	1		2	1				42	0.2%	2%
2:30	2:45	1	26	5			2	1		2					37	0.2%	19%
2:45	3:00		26	5			2	1		2					36	0.2%	
2:00	3:00	1	111	19			11	4		7	2				155	0.8%	3.00
3:00	3:15	2	40	5			7			3					57	0.3%	24.00
3:15	3:30		26	6			4			2	1				39	0.2%	15%
3:30	3:45	1	32	2		1	7			2					43	0.2%	
3:45	4:00	1	23	4			3			5	1				37	0.2%	
3:00	4:00	4	121	17		1	21			10	2				176	0.9%	1.00
4:00	4:15	2	42	8		3	5			4					64	0.3%	33.00
4:15	4:30	3	47	15		2	6		1	4				1	79	0.4%	1%
4:30	4:45	1	75	14	1	2	6			2	1			1	103	0.5%	
4:45	5:00		71	36		5	1			1	4			1	119	0.6%	
4:00	5:00	6	235	73	1	12	18		1	11	5			3	365	1.9%	13.00
5:00	5:15	4	141	31		7	3			1	2				189	1.0%	38.00
5:15	5:30	3	144	40		2	3			2					194	1.0%	4%
5:30	5:45		126	60		2	6			4	1				199	1.1%	10%
5:45	6:00	5	203	73	1	9	6	3		5	1				306	1.6%	
5:00	6:00	12	614	204	1	20	18	3		12	4				888	4.7%	21.00
6:00	6:15	3	195	64	1	6	9			3				1	282	1.5%	37.00
6:15	6:30	1	226	79		10	13	3		1				1	334	1.8%	2%
6:30	6:45	3	243	82	1	11	14		1	5	2			2	364	1.9%	4%
6:45	7:00	1	285	102		13	18	2		3	2				426	2.3%	
6:00	7:00	8	949	327	2	40	54	5	1	12	4			4	1406	7.5%	42.00
7:00	7:15	3	246	75	1	10	22	4		7	4			3	375	2.0%	80.00
7:15	7:30	2	198	87	1	9	11	1		7	4			1	321	1.7%	3%
7:30	7:45	1	146	49	2	9	12	1		3				2	225	1.2%	6%
7:45	8:00	2	199	75	3	7	4		1	2	2			3	298	1.6%	
7:00	8:00	8	789	286	7	35	49	6	1	19	10			9	1219	6.5%	42.00
8:00	8:15	6	158	51	4	15	10	1	1	3	1			7	257	1.4%	94.00
8:15	8:30	2	188	61	1	13	8	1		3	5			3	285	1.5%	3%
8:30	8:45	4	175	69	4	13	8	1		3	5			2	284	1.5%	8%
8:45	9:00	2	176	71	3	12	13			6	4			1	288	1.5%	
8:00	9:00	14	697	252	12	53	39	3	1	15	15			13	1114	5.9%	65.00
9:00	9:15	7	193	61	8	8	6			4	4			4	295	1.6%	86.00
9:15	9:30	3	149	66	7	15	11	1	2	8	3			5	270	1.4%	6%
9:30	9:45		104	42	2	13	6	1	1	9	1			6	185	1.0%	8%
9:45	10:00	4	108	48	5	20	10	2		7	3			5	212	1.1%	
9:00	10:00	14	554	217	22	56	33	4	3	28	11			20	962	5.1%	78.00
10:00	10:15	2	115	35	6	12	10	1		6	2			4	193	1.0%	8%
10:15	10:30	4	119	27	9	13	10	1		9	3			3	198	1.1%	10%
10:30	10:45	2	136	39	5	12	11	3		2	12	4		4	230	1.2%	
10:45	11:00	1	109	30	4	15	13		2	8	4			4	190	1.0%	
10:00	11:00	9	479	131	24	52	44	5	4	35	13			15	811	4.3%	76.00
11:00	11:15	5	101	44	6	14	7	1	1	4	2			6	191	1.0%	116.00
11:15	11:30	2	111	31	5	12	7		1	8	4			5	186	1.0%	9%
11:30	11:45	2	119	32	6	11	13	1	1	7	3			5	200	1.1%	14%
11:45	12:00	9	147	39	6	16	18	2	1	8	4			3	253	1.3%	
11:00	12:00	18	478	146	23	53	45	4	4	27	13			19	830	4.4%	76.00

12:00	12:15	2	143	26	8	16	8	1	9	2	5	220	1.2%	9%	13%	
12:15	12:30	6	173	38	5	13	14	3	7	5	5	269	1.4%			
12:30	12:45	3	136	30	6	6	10	2	1	6	1	204	1.1%			
12:45	13:00	4	112	36	7	9	13	2	1	6	5	198	1.1%			
12:00	13:00	15	564	130	26	44	45	7	3	28	13	891	4.7%	70.00	112.00	
13:00	13:15	2	148	34	3	7	10	1	4	3	1	213	1.1%	8%	13%	
13:15	13:30	2	149	46	12	14	16	1	2	3	6	256	1.4%			
13:30	13:45	1	128	50	4	16	14	2	8	2	4	229	1.2%			
13:45	14:00	3	140	69	3	17	14	1	1	9	2	261	1.4%			
13:00	14:00	8	565	199	22	54	54	5	3	24	13	959	5.1%	76.00	111.00	
14:00	14:15	5	210	42	6	13	7	4	2	10	8	309	1.6%	8%	12%	
14:15	14:30	3	210	43	7	17	10	1	1	8	4	310	1.6%			
14:30	14:45	5	155	53	3	15	11	1	2	9	4	263	1.4%			
14:45	15:00	4	175	72	2	18	12	2	7	2	2	294	1.6%			
14:00	15:00	17	750	210	18	63	40	6	5	34	18	1176	6.2%	81.00	118.00	
15:00	15:15	5	260	66	2	10	10	1	8	3	4	369	2.0%	7%	10%	
15:15	15:30	3	235	55	7	17	12	6	4	4	3	353	1.9%			
15:30	15:45	5	251	59	3	12	12	2	5	4	2	356	1.9%			
15:45	16:00	4	178	55	3	10	11	1	6	4	9	281	1.5%			
15:00	16:00	17	924	235	15	49	45	10	9	22	12	1359	7.2%	64.00	119.00	
16:00	16:15	4	240	47	1	20	5	1	1	3	3	329	1.7%	5%	9%	
16:15	16:30	4	205	44	6	10	15	2	1	5	2	299	1.6%			
16:30	16:45	4	234	60	4	17	5	1			2	333	1.8%			
16:45	17:00	2	206	61	4	16	5	4	2	4	1	308	1.6%			
16:00	17:00	14	885	212	15	63	30	8	4	12	8	1269	6.7%	78.00	80.00	
17:00	17:15		277	54	3	18	15	3		5	3	383	2.0%	6%	6%	
17:15	17:30	10	194	64	5	13	9	3	1	4	1	309	1.6%			
17:30	17:45	7	256	70	3	11	11	1		4		366	1.9%			
17:45	18:00	2	206	66	4	15	18	1	1	7		323	1.7%			
17:00	18:00	19	933	254	15	57	53	8	2	20	4	1381	7.3%	72.00	103.00	
18:00	18:15	8	208	78	3	10	12	1	1	3	4	333	1.8%	5%	7%	
18:15	18:30	5	208	71		9	7	2		4		309	1.6%			
18:30	18:45	5	191	57	4	12	9	2		6	2	293	1.6%			
18:45	19:00	2	184	66		11	7		1	4	2	303	1.5%			
18:00	19:00	20	791	272	7	42	35	5	2	13	12	1215	6.4%	49.00	83.00	
19:00	19:15	3	155	32		10	6			2	1	215	1.1%	4%	7%	
19:15	19:30	1	101	24	1	5	9		2	3	2	152	0.8%			
19:30	19:45	5	145	34	2	4	16	2		3	1	212	1.1%			
19:45	20:00	5	80	26	3	8	8		1	1		134	0.7%			
19:00	20:00	14	481	116	6	27	39	2	3	9	4	713	3.8%	33.00	69.00	
20:00	20:15		69	19	1	1	14	1		2	2	110	0.6%	5%	10%	
20:15	20:30	1	98	22	1	4	7	1		1	2	139	0.7%			
20:30	20:45		90	15	1	6	11	1		1	1	127	0.7%			
20:45	21:00	3	67	24	1	8	4			1	1	110	0.6%			
20:00	21:00	4	324	80	4	19	36	3		5	6	486	2.6%	23.00	55.00	
21:00	21:15	2	77	14		6	7			7	1	117	0.6%	5%	11%	
21:15	21:30	1	80	21	2	5	9			2	1	121	0.6%			
21:30	21:45		68	31		1	8			2		111	0.6%			
21:45	22:00	1	109	22		5	6		1			147	0.8%			
21:00	22:00	4	334	88	2	17	30		1	11	2	496	2.6%	19.00	51.00	
22:00	22:15		70	20		7				1		99	0.5%	4%	10%	
22:15	22:30	1	67	8		2	9			4		91	0.5%			
22:30	22:45		51	16	1	1	5			3		77	0.4%			
22:45	23:00		81	12		3	1			4		103	0.5%			
22:00	23:00	1	269	56	1	6	22			12		370	2.0%	7.00	37.00	
23:00	23:15	1	83	3		3	5				1	96	0.5%	2%	10%	
23:15	23:30		70	10		1	4			2	2	89	0.5%			
23:30	23:45		54	7			8		1		2	74	0.4%			
23:45	00:00		36	5		1				1		43	0.2%			
23:00	00:00	1	243	25		5	17		1	3	4	302	1.6%	5.00	28.00	
Total			231	12315	3575	225	773	800	89	48	385	177	230	18848		
AM PEAK			9	285	102	9	20	22	4	2	12	5	7	426		
period		11:45	6:45	6:45	10:15	9:45	7:00	7:00	9:15	10:30	8:15	8:00	6:45			
% of class		3.9%	2.3%	2.9%	4.0%	2.6%	2.8%	4.5%	4.2%	3.1%	2.8%	3.0%	2.3%			
PM PEAK		10	277	78	12	20	18	6	5	10	8	9	383			
period		17:15	17:00	18:00	13:15	16:00	17:45	15:15	15:30	14:00	14:00	15:45	17:00			
% of class		4.3%	2.2%	2.2%	5.3%	2.6%	2.3%	6.7%	10.4%	2.6%	4.5%	3.9%	2.0%			

Total Volume	18848
Total Medium Trucks	998.00
Total Heavy Trucks	1729.00
Medium Trucks %	5%
Heavy Trucks %	9%

	Volume	Percentage
Daytime (0700 - 2300)	15251	81%
Nighttime (2300 - 0600)	3597	19%

Report-1.9		Location : 15003400NS Coleraine Drive - 300m North of Mayfield Road 43.840823°,-79.708350°																
Direction : North + South		Road :																
Dates : 2024-05-02																		
Classes ----->																		
		Class-1	Class-2	Class-3	Class-4 M	Class-5 M	Class-6 H	Class-7 H	Class-8 H	Class-9 H	Class-10 H	Class-11 H	Class-12 H	Class-13 H	Total	Med	Heavy	
	00:00 0:15		62	4		1	6				3						76	0.4%
	0:15 0:30		42	3		3	3									1	52	0.3%
	0:30 0:45		22	5		1	4		1		4					1	38	0.2%
	0:45 1:00		44	4			2				3						53	0.3%
	00:00 1:00		170	16		5	15		1		10				2		219	1.2%
	1:00 1:15		38	2		1	2		1		1						45	0.2%
	1:15 1:30		19	2			3		1		2						27	0.1%
	1:30 1:45		27	4		1	4				1		1				38	0.2%
	1:45 2:00		45	8			3				1		1				58	0.3%
	1:00 2:00		129	16		2	12		2		5		2				168	0.9%
	2:00 2:15		22	8			1				1						32	0.2%
	2:15 2:30		29	5			2				4				2		42	0.2%
	2:30 2:45	1	28	1			5				1						36	0.2%
	2:45 3:00		18	2			2				1						23	0.1%
	2:00 3:00	1	97	16			10				7				2		133	0.7%
	3:00 3:15		25	4			1		1		1		1				33	0.2%
	3:15 3:30	1	46	2		1	1										51	0.3%
	3:30 3:45		16	2		2	2		1		2		1				26	0.1%
	3:45 4:00		29	4			3										36	0.2%
	3:00 4:00	1	116	12		3	7		2		3		2				146	0.8%
	4:00 4:15		35	12		1	2										50	0.3%
	4:15 4:30		57	17		2	2				1					3	82	0.4%
	4:30 4:45	2	120	13		1	6		2						1		145	0.8%
	4:45 5:00		83	21		3	3		1		1		4			3	119	0.6%
	4:00 5:00	2	295	63		7	13		3		2		4			7	396	2.1%
	5:00 5:15		176	17		3	4		3		1		3				207	1.1%
	5:15 5:30	1	152	32			6		1		3					2	197	1.1%
	5:30 5:45	3	171	41		7	7			1	1		1			2	234	1.3%
	5:45 6:00	4	195	60		12	7		2		2		1			5	288	1.6%
	5:00 6:00	8	694	150		22	24		6	1	7		5			9	926	5.0%
	6:00 6:15	4	228	67		10	7		2	1	1		6			8	334	1.8%
	6:15 6:30		213	70		9	10		2		2		3			1	310	1.7%
	6:30 6:45	2	286	54	2	12	9		1	1	4		1			2	374	2.0%
	6:45 7:00	2	289	61		7	14		4	4	4		4			8	393	2.1%
	6:00 7:00	8	1016	252	2	38	40		9	6	11		10			19	1411	7.6%
	7:00 7:15	2	276	49	3	11	18		2	1	6		2			6	376	2.0%
	7:15 7:30	1	279	74	3	3	14		2		4					5	385	2.1%
	7:30 7:45	3	206	39	3	7	12		3	1	5		1			5	285	1.5%
	7:45 8:00	3	223	50	4	9	8		3		4		2			8	314	1.7%
	7:00 8:00	9	984	212	13	30	52		10	2	19		5			24	1360	7.3%
	8:00 8:15	2	215	51	2	16	9			1	5		4			5	310	1.7%
	8:15 8:30	1	180	40	5	11	9		1	2	6		3			7	265	1.4%
	8:30 8:45		244	73	5	11	13		1	1	6		1			4	359	1.9%
	8:45 9:00	1	233	59	2	17	7		2		4		4			2	331	1.8%
	8:00 9:00	4	872	223	14	55	38		4	4	21		12			18	1265	6.8%
	9:00 9:15	1	180	63	4	13	4		2	1	4						272	1.5%
	9:15 9:30	3	146	40	3	8	8		3		4		4			3	222	1.2%
	9:30 9:45	4	118	25	2	9	10		3	1	5		1			2	180	1.0%
	9:45 10:00	4	107	35	3	8	5				7		3				172	0.9%
	9:00 10:00	12	551	163	12	38	27		8	2	20		8			5	846	4.6%
	10:00 10:15	2	115	29	9	8	16		2		9		2			3	195	1.1%
	10:15 10:30	5	132	32	8	13	15		1	1	2		3			2	214	1.2%
	10:30 10:45	1	89	35	7	13	7			1	4		3			3	163	0.9%
	10:45 11:00	3	125	16	9	16	12				11		3			3	198	1.1%
	10:00 11:00	11	461	112	33	50	50		3	2	26		11			11	770	4.1%
	11:00 11:15	4	133	26	5	17	12			3	10		5			4	219	1.2%
	11:15 11:30		113	31	10	9	12		2	1	7		2			4	191	1.0%
	11:30 11:45	1	101	29	4	15	11			2	4		1			2	170	0.9%
	11:45 12:00	3	107	32	7	6	14		1		9		3			5	187	1.0%
	11:00 12:00	8	454	118	26	47	49		3	6	30		11			15	767	4.1%

12:00	12:15	4	154	26	8	15	17	2	6	1	4	237	1.3%	10%	15%
12:15	12:30	1	135	28	7	16	9	1	1	5	9	220	1.2%		
12:30	12:45	3	136	33	3	16	8	1	1	2	1	204	1.1%		
12:45	13:00	6	126	42	4	13	16	2	1	4	3	224	1.2%		
12:00	13:00	14	551	129	22	60	50	3	5	17	14	885	4.8%	82.00	109.00
13:00	13:15	3	155	32	5	11	7	1	1	2	6	224	1.2%	9%	12%
13:15	13:30		167	31	5	7	8	2	2	9	1	236	1.3%		
13:30	13:45	1	143	37	4	12	8	1	1	3	2	217	1.2%		
13:45	14:00	2	169	53	9	9	11	2	2	7	1	264	1.4%		
13:00	14:00	6	634	153	23	39	34	6	2	21	10	941	5.1%	62.00	86.00
14:00	14:15	5	181	46	4	13	16	1	1	4	3	279	1.5%	7%	9%
14:15	14:30	2	170	53	4	8	7	2	2	5	2	260	1.4%		
14:30	14:45	5	204	44	5	11	9	1	1	5	2	291	1.6%		
14:45	15:00	1	214	68	5	15	10	2	2	6	4	332	1.8%		
14:00	15:00	13	769	211	18	47	42	2	5	20	11	1162	6.3%	65.00	104.00
15:00	15:15	2	250	51	1	16	17			6	3	350	1.9%	6%	9%
15:15	15:30	4	218	45	1	11	7			8	1	296	1.6%		
15:30	15:45	4	246	43	3	15	12	4	1	4	3	342	1.8%		
15:45	16:00	1	187	44	6	13	14	2	1	4	4	286	1.5%		
15:00	16:00	11	901	183	11	55	50	6	2	22	11	1274	6.9%	66.00	113.00
16:00	16:15	1	261	43	1	20	6	2		3	3	344	1.9%	5%	9%
16:15	16:30	3	158	43	4	18	12		1	5	4	251	1.4%		
16:30	16:45	4	209	45		10	12				4	292	1.6%		
16:45	17:00	8	169	55	2	16	11	2		7	6	279	1.5%		
16:00	17:00	16	797	186	7	64	41	4	1	15	17	1166	6.3%	71.00	96.00
17:00	17:15	2	231	68	3	15	7	2	1	4	2	339	1.8%	6%	8%
17:15	17:30	4	164	52	2	14	10	1	1	7	2	261	1.4%		
17:30	17:45	3	230	56	2	12	11	2		2	4	325	1.8%		
17:45	18:00	1	175	77	3	8	8			6	1	286	1.5%		
17:00	18:00	10	800	253	10	49	36	5	2	19	9	1211	6.5%	59.00	89.00
18:00	18:15	1	230	75	2	9	12	5		6	3	350	1.9%	5%	7%
18:15	18:30	5	173	64	2	12	9	1		5	2	278	1.5%		
18:30	18:45		135	45	1	10	4		1	8		209	1.1%		
18:45	19:00		150	42	1		6	2		2	4	210	1.1%		
18:00	19:00	6	688	226	6	31	31	8	1	21	9	1047	5.6%	37.00	90.00
19:00	19:15	3	122	29		10	8	3		1	3	183	1.0%	4%	9%
19:15	19:30	1	135	29	1	8	4	1	1	4	2	189	1.0%		
19:30	19:45	2	99	22	2	9	6	2		1	2	149	0.8%		
19:45	20:00	3	100	23		8	4			3		141	0.8%		
19:00	20:00	9	456	103	3	35	22	6	1	9	7	662	3.6%	38.00	56.00
20:00	20:15	2	94	21	1	5	3			1	4	131	0.7%	6%	8%
20:15	20:30	4	108	23	3	5	9	2		6	2	166	0.9%		
20:30	20:45	3	85	13		7	10			3	1	125	0.7%		
20:45	21:00	3	88	17	1	3	10			2	1	127	0.7%		
20:00	21:00	12	375	74	5	20	32	2		11	5	549	3.0%	25.00	63.00
21:00	21:15	2	87	12	1	1	6	1		2	2	114	0.6%	5%	11%
21:15	21:30	1	75	28		5	5	1		1	1	120	0.6%		
21:30	21:45		83	21	1	5	2			3		115	0.6%		
21:45	22:00		115	26	1	1	7	1		2		155	0.8%		
21:00	22:00	3	360	87	3	12	20	3		8	1	504	2.7%	15.00	39.00
22:00	22:15		100	10		1	3	1		5		121	0.7%	3%	8%
22:15	22:30	1	62	13		2	2			1		84	0.5%		
22:30	22:45	1	65	12		3	6			1	1	90	0.5%		
22:45	23:00		83	18		2	3			1		110	0.6%		
22:00	23:00	2	310	53		8	14	1		7	2	405	2.2%	8.00	32.00
23:00	23:15	1	91	11		3	2			1		112	0.6%	2%	8%
23:15	23:30		68	14		2	4					89	0.5%		
23:30	23:45	1	84	11		2						98	0.5%		
23:45	00:00		37	7		1	1		1	1		49	0.3%		
23:00	00:00	2	280	43		8	7		1	2		348	1.9%	8.00	15.00
Total		168	12760	3054	208	725	716	91	47	333	166	293	18561		
AM PEAK		5	289	74	10	17	18	4	4	11	6	8	393		
period		10:15	6:45	7:15	11:15	8:45	7:00	6:45	6:45	10:45	6:00	6:00	6:45		
% of class		3.0%	2.3%	2.4%	4.8%	2.3%	2.5%	4.4%	8.5%	3.3%	3.6%	2.7%	2.1%		
PM PEAK		8	261	77	9	20	17	5	2	9	9	10	350		
period		16:45	16:00	17:45	13:45	16:00	12:00	18:00	12:00	13:15	12:15	15:45	15:00		
% of class		4.8%	2.0%	2.5%	4.3%	2.8%	2.4%	5.5%	4.3%	2.7%	5.4%	3.4%	1.9%		

min. daytime 767

Total Volume	18561
Total Medium Trucks	933.00
Total Heavy Trucks	1646.00
Medium Trucks %	5%
Heavy Trucks %	9%

	Volume	Percentage
Daytime (0700 - 2300)	14814	80%
Nighttime (2300 - 0600)	3747	20%

Report-1.1	Location : 01400800EW Mayfield Road - 800m West of Highway 50														
	Direction : East Road :														
Dates : 2024-04-01															
Classes ----->	Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	
00:00 0:15		6	3	3		3								15	0.3%
0:15 0:30		3			1	1			2					7	0.1%
0:30 0:45		5	1		1	1			1	1				10	0.2%
0:45 1:00		3	1						1					5	0.1%
00:00 1:00		17	5	3	2	5			4	1				37	0.7%
1:00 1:15		1			1	1	1							4	0.1%
1:15 1:30		3			2							1		6	0.1%
1:30 1:45		7	1	3	1	2								14	0.3%
1:45 2:00		2	1		1	1							1	6	0.1%
1:00 2:00		13	2	3	5	4	1						2	30	0.5%
2:00 2:15		5	1	3										9	0.2%
2:15 2:30		6				2								8	0.1%
2:30 2:45		4	1	1	1						1			9	0.2%
2:45 3:00		2		1	1	1			2	1				8	0.1%
2:00 3:00		17	2	5	2	3			2	2			1	34	0.6%
3:00 3:15		1		1		1			1	1				5	0.1%
3:15 3:30		9	2	5		2			6					24	0.4%
3:30 3:45		6		2		2	1		2					13	0.2%
3:45 4:00	1	6	2	1	1				4				1	16	0.3%
3:00 4:00	1	22	4	9	1	5	1		13	1			1	58	1.1%
4:00 4:15		9	1			2			2	2				16	0.3%
4:15 4:30		12	1	1		3	1		3	1				22	0.4%
4:30 4:45	1	19	3	4		1			5					33	0.6%
4:45 5:00		46	4	1	1	4			6					62	1.1%
4:00 5:00	1	86	9	6	1	10	1		16	3				133	2.4%
5:00 5:15		19	5	3		4								31	0.6%
5:15 5:30		15	3	2	1	1			6			1		29	0.5%
5:30 5:45		33	3		1	2			4					43	0.8%
5:45 6:00		29	4	5	1	9	1		6	2				57	1.0%
5:00 6:00		96	15	10	3	16	1		16	2			1	160	2.9%
6:00 6:15		23	4	8		5			7	1			1	49	0.9%
6:15 6:30		39	8	14	1	7	1		7				2	79	1.4%
6:30 6:45		54	12	4	3	6			11	4			1	95	1.7%
6:45 7:00		60	11	1	3	5	1		5	2				88	1.6%
6:00 7:00		176	35	27	7	23	2		30	7			4	311	5.7%
7:00 7:15		22	5	1	4	3			8	6				49	0.9%
7:15 7:30		40	10	2		6			5	2			2	67	1.2%
7:30 7:45	2	45	11	1		10	2		11	5				87	1.6%
7:45 8:00	1	71	11	2		8	1		6				1	101	1.8%
7:00 8:00	3	178	37	6	4	27	3		30	13			3	304	5.6%
8:00 8:15	1	54	12	1	3	8	2		7	4				92	1.7%
8:15 8:30		44	7	2		7			10	2				72	1.3%
8:30 8:45	2	46	6	3	1	4		1	4	2				69	1.3%
8:45 9:00		44	7	2	2	4	1	1	9	5				75	1.4%
8:00 9:00	3	188	32	8	6	23	3	2	30	13				308	5.6%
9:00 9:15		38	7	3	5	8		1	8	2			1	73	1.3%
9:15 9:30	2	56	12	4	3	8	1		7	4				97	1.8%
9:30 9:45		37	14	3	5	4		3	11	5			3	85	1.6%
9:45 10:00	2	44	13	1	4	3	2		6	11			3	89	1.6%
9:00 10:00	4	175	46	11	17	23	3	4	32	22			7	344	6.3%
10:00 10:15	1	40	8	1	2	3	1		8	2			1	67	1.2%
10:15 10:30		39	7	1	2	3			11	5			1	69	1.3%
10:30 10:45		51	7	4		4		1	8	5			1	81	1.5%
10:45 11:00		58	9	3	1	4		1	7	3				86	1.6%
10:00 11:00	1	188	31	9	5	14	1	2	34	15			3	303	5.5%
11:00 11:15	1	42	10	1	5	8			15	4			1	87	1.6%
11:15 11:30		35	8	4	2	6	1		7	3			1	67	1.2%
11:30 11:45	1	43	10	2	3	9			8				2	78	1.4%
11:45 12:00		36	9	5	5	3			13	6			2	79	1.4%
11:00 12:00	2	156	37	12	15	26	1		43	13			6	311	5.7%

12:00	12:15	1	50	7	4	4	4		8	1			79	1.4%
12:15	12:30		58	7	5	1	6	1	10	6		1	95	1.7%
12:30	12:45		52	11	2	4	6		13				88	1.6%
12:45	13:00	2	54	7		1	6		9	3		1	84	1.5%
12:00	13:00	3	214	32	11	10	22	1	1	40	10	2	346	6.3%
13:00	13:15	1	56	5	2	1	5	1	8	4		2	85	1.6%
13:15	13:30	1	67	10	1	1	7		13	5		3	108	2.0%
13:30	13:45		43	13	4	2	3	1	6			1	73	1.3%
13:45	14:00	2	50	8	3		3		1	7	9	1	84	1.5%
13:00	14:00	4	216	36	10	4	18	2	1	34	18	7	350	6.4%
14:00	14:15	2	57	9	2	6	1		13				90	1.6%
14:15	14:30		40	8	1	2	8	1	10	3		1	74	1.4%
14:30	14:45		75	9		5	5		1	3	1	1	100	1.8%
14:45	15:00		53	12	3	3	5		6	7		1	90	1.6%
14:00	15:00	2	225	38	6	16	19	1	1	32	11	3	354	6.5%
15:00	15:15	3	57	12		6	4		1	7	7	2	99	1.8%
15:15	15:30	1	56	13	2		3		1	7		1	84	1.5%
15:30	15:45		77	8	1	2	2			12	5	2	109	2.0%
15:45	16:00	1	66	15	1	2	5		1	4	1	2	98	1.8%
15:00	16:00	5	256	48	4	10	14		3	30	13	7	390	7.1%
16:00	16:15	1	69	11	3	2	5		1	8	4	1	105	1.9%
16:15	16:30		54	18	2	6	6			5		2	93	1.7%
16:30	16:45		52	10	2	6	5		1	6	2		84	1.5%
16:45	17:00		51	10	1	3	5			6	1	1	78	1.4%
16:00	17:00	1	226	49	8	17	21		2	25	7	4	360	6.6%
17:00	17:15	1	58	7		5	1		5	1			78	1.4%
17:15	17:30		75	11	3	1	8			5	2		105	1.9%
17:30	17:45	1	52	11	1	2	3			5	1	2	78	1.4%
17:45	18:00		51	9		2	3	1		10			76	1.4%
17:00	18:00	2	236	38	4	10	15	1		25	4	2	337	6.2%
18:00	18:15		45	7		1	2		6	1			62	1.1%
18:15	18:30	1	40	10		1	9	2	1	6	2	1	73	1.3%
18:30	18:45	1	45	11	2		3			1	2	1	66	1.2%
18:45	19:00		39	10	1	2	3		1	6	1		63	1.2%
18:00	19:00	2	169	38	3	4	17	2	2	19	6	2	264	4.8%
19:00	19:15		39	8	1	5	3		8	2			66	1.2%
19:15	19:30		35	6	1	2	2		8				54	1.0%
19:30	19:45	1	28	2		1	5			4	1		42	0.8%
19:45	20:00	1	31	3	1		1	1		1			39	0.7%
19:00	20:00	2	133	19	3	8	11	1		21	3		201	3.7%
20:00	20:15		43	5		1	2		3	1			55	1.0%
20:15	20:30	1	33	5		1	2		5			1	48	0.9%
20:30	20:45		29	5		1	3		4	1			43	0.8%
20:45	21:00		30	1		1	5	1		4	1		43	0.8%
20:00	21:00	1	135	16		4	12	1		16	3	1	189	3.5%
21:00	21:15		21	3			3		4			1	32	0.6%
21:15	21:30		19	7	1	1		1	4			1	34	0.6%
21:30	21:45		20	5			1		2				28	0.5%
21:45	22:00		23	5		1	1		2				32	0.6%
21:00	22:00		83	20	1	2	5	1		12		2	126	2.3%
22:00	22:15		31	4			6		7				48	0.9%
22:15	22:30		21	4		1	2		3	1			32	0.6%
22:30	22:45		18	4	1	3	1		2	1			30	0.5%
22:45	23:00		19	3		2	1		1				26	0.5%
22:00	23:00		89	15	1	6	10		13	2			136	2.5%
23:00	23:15		12	1	1		1		2				17	0.3%
23:15	23:30		15	1			2		2				20	0.4%
23:30	23:45		15			2	3		1			1	22	0.4%
23:45	00:00		18			1	2		3				24	0.4%
23:00	00:00		60	2	1	3	8		8			1	83	1.5%
Total		37	3354	606	161	162	351	27	18	525	169	59	5469	
		0.7%	61.3%	11.1%	2.9%	3.0%	6.4%	0.5%	0.3%	9.6%	3.1%	1.1%		
AM PEAK		2	71	14	14	5	10	2	3	15	11	3	101	
period		7:30	7:45	9:30	6:15	9:00	7:30	7:30	9:30	11:00	9:45	9:30	7:45	
% of class		5.4%	2.1%	2.3%	8.7%	3.1%	2.8%	7.4%	16.7%	2.9%	6.5%	5.1%	1.8%	
PM PEAK		3	77	18	5	6	9	2	1	13	9	3	109	
period		15:00	15:30	16:15	12:15	14:00	18:15	18:15	12:45	12:30	13:45	13:15	15:30	
% of class		8.1%	2.3%	3.0%	3.1%	3.7%	2.6%	7.4%	5.6%	2.5%	5.3%	5.1%	2.0%	

Report-1.2	Location : 01400800EW Mayfield Road - 800m West of Highway 50														
	Direction : East Road :														
Dates : 1 2024-04-02															
Classes ----->	Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	
00:00 0:15		13	2			4			1					20	0.4%
0:15 0:30		3	1			3			3					10	0.2%
0:30 0:45		6	1			1								8	0.1%
0:45 1:00		7			1				3					11	0.2%
00:00 1:00		29	4		1	8			7					49	0.9%
1:00 1:15		4	1			3								8	0.1%
1:15 1:30		8		1					3					12	0.2%
1:30 1:45		2				1			2					5	0.1%
1:45 2:00		11				2			1					14	0.2%
1:00 2:00		25	1	1		6			6					39	0.7%
2:00 2:15		6	2	2		1								11	0.2%
2:15 2:30		3				3			3			1		10	0.2%
2:30 2:45		10	1						1			1		13	0.2%
2:45 3:00		3	1			1			3	1				9	0.2%
2:00 3:00		22	4	2		5			7	1		2		43	0.8%
3:00 3:15		5	2	1		3			3	1				15	0.3%
3:15 3:30		2		2		1			1					6	0.1%
3:30 3:45		7		1		1			3					12	0.2%
3:45 4:00		8	2	2		4			4	1				21	0.4%
3:00 4:00		22	4	6		9			11	2				54	0.9%
4:00 4:15	1	4	1	1		4			6					17	0.3%
4:15 4:30		11		1		3			2	2				19	0.3%
4:30 4:45		17	3	1		1			4	2				28	0.5%
4:45 5:00		50	6	4	1	3			8					72	1.3%
4:00 5:00	1	82	10	7	1	11			20	4				136	2.4%
5:00 5:15		29	6	3	1	5			7	2				53	0.9%
5:15 5:30		29	6	3		2			5	2				47	0.8%
5:30 5:45		31	2	5		5			6	3		1		53	0.9%
5:45 6:00	1	30	4	6	2	4			6	1				54	0.9%
5:00 6:00	1	119	18	17	3	16			24	8		1		207	3.6%
6:00 6:15		29	9	8	2	7			4	4				63	1.1%
6:15 6:30		25	10	5	1	5			3	4		1		54	0.9%
6:30 6:45	1	57	10	4	2	7			11	3				95	1.7%
6:45 7:00		76	13	1	3	4			9	1				107	1.9%
6:00 7:00	1	187	42	18	8	23			27	12		1		319	5.6%
7:00 7:15		38	6	9	3	7		1	5	8		1		78	1.4%
7:15 7:30		52	17	12	9	12		1	6	2		1		112	2.0%
7:30 7:45		56	7	4	5	4	1	1	12	3				93	1.6%
7:45 8:00	2	71	9	3	1	8			9	2				105	1.8%
7:00 8:00	2	217	39	28	18	31	1	3	32	15		2		388	6.8%
8:00 8:15		64	14	4	5	6			6	2		1		102	1.8%
8:15 8:30	2	72	10	3	8	8			6			1		110	1.9%
8:30 8:45		51	7	2	3	2		1	6	3		1		76	1.3%
8:45 9:00		81	14	3	3	5			6	4		1		117	2.1%
8:00 9:00	2	268	45	12	19	21		1	24	9		4		405	7.1%
9:00 9:15	1	51	11	4	3	6			10	2		1		89	1.6%
9:15 9:30		50	12	6	7	3		1	7	3		1		90	1.6%
9:30 9:45	1	54	4	3	3				5	4				74	1.3%
9:45 10:00		66	15	2	4	5		1	7	2		1		103	1.8%
9:00 10:00	2	221	42	15	17	14		2	29	11		3		356	6.3%
10:00 10:15	1	46	9	2	4	1			9	9		1		82	1.4%
10:15 10:30		41	5		3	5		1	9	6				70	1.2%
10:30 10:45		39	10	3	4	2			4	2		1		65	1.1%
10:45 11:00	1	36	13	4	3	6		1	12	6				82	1.4%
10:00 11:00	2	162	37	9	14	14		2	34	23		2		299	5.3%
11:00 11:15		52	9	2	5	2		1	9	2		1		83	1.5%
11:15 11:30		48	14	2	6	2			6			2		80	1.4%
11:30 11:45		39	10	4	11	4			9	1				78	1.4%
11:45 12:00	1	51	11	5	4	9			4	5				90	1.6%
11:00 12:00	1	190	44	13	26	17		1	28	8		3		331	5.8%

12:00	12:15		39	12	4	6	7		6	4		2	80	1.4%	
12:15	12:30	1	50	12		4	8		4	3			82	1.4%	
12:30	12:45	2	44	13	5	10	2		5	3			84	1.5%	
12:45	13:00		44	10	4	2	6		6	2		1	75	1.3%	
12:00	13:00	3	177	47	13	22	23		21	12		3	321	5.6%	
13:00	13:15	1	38	11		1	10	1		6	1		69	1.2%	
13:15	13:30	1	42	11	3	7	7		1	7	3		82	1.4%	
13:30	13:45		46	11		4	6		2	8	2		79	1.4%	
13:45	14:00	2	51	9		6	5			9	5	2	89	1.6%	
13:00	14:00	4	177	42	3	18	28	1	3	30	11	2	319	5.6%	
14:00	14:15	1	35	19	4	6	7		2	4	4		82	1.4%	
14:15	14:30	5	45	17	7	14	6		3	2	3		102	1.8%	
14:30	14:45	3	48	15	6	9	4			7	4		96	1.7%	
14:45	15:00		67	10	6	6	6		1	14	1		111	2.0%	
14:00	15:00	9	195	61	23	35	23		6	27	12		391	6.9%	
15:00	15:15		52	23	2	10	5			10	4		106	1.9%	
15:15	15:30	1	44	19	3	7	3			6	1		84	1.5%	
15:30	15:45		73	17	1	6	3			4	2	2	108	1.9%	
15:45	16:00		57	20	4	9	4		1	4	3	1	103	1.8%	
15:00	16:00	1	226	79	10	32	15		1	24	10	3	401	7.0%	
16:00	16:15		56	26	1	9	5			3	4		104	1.8%	
16:15	16:30		70	20	4	14	7	1		3	1	1	121	2.1%	
16:30	16:45		53	19	1	8	3			4	3	1	92	1.6%	
16:45	17:00		75	14	2	2	7			3	1		104	1.8%	
16:00	17:00		254	79	8	33	22	1		13	9	2	421	7.4%	
17:00	17:15	1	62	12	2	5	1			4	2		89	1.6%	
17:15	17:30		54	19	1	10	4			4			92	1.6%	
17:30	17:45		40	15	1	3	3		1	2	3		68	1.2%	
17:45	18:00	1	55	14	1	6	6			7			90	1.6%	
17:00	18:00	2	211	60	5	24	14		1	17	5		339	6.0%	
18:00	18:15	1	47	10	1	3	4			5	1	1	73	1.3%	
18:15	18:30	1	30	18		3	3			4	2		61	1.1%	
18:30	18:45		37	13	1	5	5			2	2		65	1.1%	
18:45	19:00		35	15		3	5			5			63	1.1%	
18:00	19:00	2	149	56	2	14	17			16	5	1	262	4.6%	
19:00	19:15		34	12		3	4			1	3		57	1.0%	
19:15	19:30		31	6	1	4	1			2			45	0.8%	
19:30	19:45		17	13		2	4			2	2		40	0.7%	
19:45	20:00		21	6	2	3	8			4			44	0.8%	
19:00	20:00		103	37	3	12	17			9	5		186	3.3%	
20:00	20:15	1	16	5		2	3			4	2		33	0.6%	
20:15	20:30		31	5		1	2			4			43	0.8%	
20:30	20:45		18	3		3	3			3			30	0.5%	
20:45	21:00		7	11		5	2			1	1		27	0.5%	
20:00	21:00	1	72	24		11	10			12	3		133	2.3%	
21:00	21:15		20	3		2	4			3	1		33	0.6%	
21:15	21:30	1	18	3		3	6					1	32	0.6%	
21:30	21:45		23	7		2	7			1			40	0.7%	
21:45	22:00	1	14	9		4				1			29	0.5%	
21:00	22:00	2	75	22		11	17			5	1	1	134	2.4%	
22:00	22:15		15	4		1	2			3			25	0.4%	
22:15	22:30		16	8	1		1			1			27	0.5%	
22:30	22:45		23	6		2	2			1			34	0.6%	
22:45	23:00		13	7		1	4			4	1		30	0.5%	
22:00	23:00		67	25	1	4	9			9	1		116	2.0%	
23:00	23:15		7	1		2				4		1	15	0.3%	
23:15	23:30		8				1			1			10	0.2%	
23:30	23:45		7	1		1	3						12	0.2%	
23:45	00:00		4	2									6	0.1%	
23:00	00:00		26	4		3	4			5		1	43	0.8%	
Total			36	3276	826	196	326	374	3	20	437	167	31	5692	
			0.6%	57.6%	14.5%	3.4%	5.7%	6.6%	0.1%	0.4%	7.7%	2.9%	0.5%		
AM PEAK			2	81	17	12	11	12	1	1	12	9	2	117	
period			7:45	8:45	7:15	7:15	11:30	7:15	7:30	7:00	7:30	10:00	11:15	8:45	
% of class			5.6%	2.5%	2.1%	6.1%	3.4%	3.2%	33.3%	5.0%	2.7%	5.4%	6.5%	2.1%	
PM PEAK			5	75	26	7	14	10	1	3	14	5	2	121	
period			14:15	16:45	16:00	14:15	14:15	13:00	13:00	14:15	14:45	13:45	12:00	16:15	
% of class			13.9%	2.3%	3.1%	3.6%	4.3%	2.7%	33.3%	15.0%	3.2%	3.0%	6.5%	2.1%	

Report-1.3	Location : 01400800EW Mayfield Road - 800m West of Highway 50														
	Direction : East Road :														
Dates : 1 2024-04-03															
Classes ----->	Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	
00:00 0:15		2	1			2			3					8	0.2%
0:15 0:30		3	1			3			2					9	0.2%
0:30 0:45		7	1			2			2					12	0.2%
0:45 1:00		8				2			3					13	0.3%
00:00 1:00		20	3			9			10					42	0.9%
1:00 1:15		4	2			2			1					9	0.2%
1:15 1:30		2				1								3	0.1%
1:30 1:45	1	3	1	1	1									7	0.1%
1:45 2:00	1	2	3			1			1					8	0.2%
1:00 2:00	2	11	6	1	1	4			2					27	0.5%
2:00 2:15		7	2	2		1								12	0.2%
2:15 2:30		4	2			2								8	0.2%
2:30 2:45		3							2	1			2	8	0.2%
2:45 3:00	1	4	4			1			2					12	0.2%
2:00 3:00	1	18	8	2		4			4	1			2	40	0.8%
3:00 3:15	1	5	3	3		4			2	1				19	0.4%
3:15 3:30		7		3		2								12	0.2%
3:30 3:45		5	3	1		3			3	2				17	0.3%
3:45 4:00		9	2		1	1			3					16	0.3%
3:00 4:00	1	26	8	7	1	10			8	3				64	1.3%
4:00 4:15	1	1	2			2				1				7	0.1%
4:15 4:30		7	2			2			2	1			1	15	0.3%
4:30 4:45		12	7			3			4	1			1	28	0.6%
4:45 5:00		37	10	2	3	3			3	2				60	1.2%
4:00 5:00	1	57	21	2	3	10			9	5			2	110	2.2%
5:00 5:15		19	5			5			2	1			1	33	0.7%
5:15 5:30		14	8	2	2	1			6					33	0.7%
5:30 5:45		26	8	1		2			2					39	0.8%
5:45 6:00	1	23	4	2		2			4	2			1	39	0.8%
5:00 6:00	1	82	25	5	2	10			14	3			2	144	2.9%
6:00 6:15		24	13	1	2	5	1		2	2				50	1.0%
6:15 6:30		21	7	3	2	8			8	4			2	55	1.1%
6:30 6:45		50	16	1	4	6			11	2				90	1.8%
6:45 7:00	3	51	25	2	6	6	1		8	1				103	2.1%
6:00 7:00	3	146	61	7	14	25	2		29	9			2	298	6.0%
7:00 7:15	2	33	16	7	4	12			6	2			1	83	1.7%
7:15 7:30		41	10	8	7	5		1	4	3				79	1.6%
7:30 7:45	1	38	13	4	3	9		1	12					81	1.6%
7:45 8:00	2	63	24	6	4	9		2	7	1			2	120	2.4%
7:00 8:00	5	175	63	25	18	35		4	29	6			3	363	7.4%
8:00 8:15	1	33	14	3	2	3			5	2				63	1.3%
8:15 8:30	2	55	21	7	4	3		1	3	1			1	98	2.0%
8:30 8:45		36	14	2	5	5			4	4			2	72	1.5%
8:45 9:00		33	24	4	6	3			6	6				82	1.7%
8:00 9:00	3	157	73	16	17	14		1	18	13			3	315	6.4%
9:00 9:15		41	21	4	4	2		1	6	1			1	81	1.6%
9:15 9:30	2	30	10	3	7	4			4	5				65	1.3%
9:30 9:45	1	28	13	3	13	8			7	1			1	75	1.5%
9:45 10:00		25	11	4	4	5			6	4				59	1.2%
9:00 10:00	3	124	55	14	28	19		1	23	11			2	280	5.7%
10:00 10:15		29	15	1	7	3		1	6	2			1	65	1.3%
10:15 10:30	3	29	17	10	3	2		1	6	1				72	1.5%
10:30 10:45		20	11	3	14	5			2					55	1.1%
10:45 11:00	4	30	15	3	4	2		1	1	3				63	1.3%
10:00 11:00	7	108	58	17	28	12		3	15	6			1	255	5.2%
11:00 11:15	2	23	8	4	4	4			10	2				57	1.2%
11:15 11:30	2	21	11	5	3	7			9	3			1	62	1.3%
11:30 11:45	2	28	16		7	5			4	4				66	1.3%
11:45 12:00	1	25	8	3	9	7		1	6	1				61	1.2%
11:00 12:00	7	97	43	12	23	23		1	29	10			1	246	5.0%

12:00	12:15	2	34	13	1	3	4		12	4		1	74	1.5%
12:15	12:30	2	39	15	2	12	10		7	2			89	1.8%
12:30	12:45	1	24	10	6	6	5	2	5	3			62	1.3%
12:45	13:00	2	44	9		6	7		7	3			78	1.6%
12:00	13:00	7	141	47	9	27	26	2	31	12		1	303	6.1%
13:00	13:15	2	22	9	3	8	3		8	2			57	1.2%
13:15	13:30	2	24	19	3	9	6		12			1	76	1.5%
13:30	13:45		35	8	1	6	2		17	5			74	1.5%
13:45	14:00		46	10	2	6	6		4	1			75	1.5%
13:00	14:00	4	127	46	9	29	17		41	8		1	282	5.7%
14:00	14:15		39	16	4	5	10		4	1		1	80	1.6%
14:15	14:30		37	10	4	7	5	1	7				71	1.4%
14:30	14:45		31	12	3	16	2		6	2			72	1.5%
14:45	15:00	3	42	13	5	4	5		6	3			81	1.6%
14:00	15:00	3	149	51	16	32	22	1	23	6		1	304	6.2%
15:00	15:15		44	20	4	5	9		6	2		4	94	1.9%
15:15	15:30	2	33	20	1	10	10		6	4		1	87	1.8%
15:30	15:45	3	38	17	2	4	3	1	6	6		2	82	1.7%
15:45	16:00		41	14	5	8	5		5	2		2	82	1.7%
15:00	16:00	5	156	71	12	27	27	1	23	14		9	345	7.0%
16:00	16:15	2	52	17	2	9	4	1	3				90	1.8%
16:15	16:30	2	49	14		5	3		7	3			83	1.7%
16:30	16:45		37	16	2	5	3		4	4			71	1.4%
16:45	17:00		49	21	5	5	9		4	5			98	2.0%
16:00	17:00	4	187	68	9	24	19	1	18	12			342	6.9%
17:00	17:15		45	14		8	5		2	1		2	77	1.6%
17:15	17:30	1	42	17	1	6	3		8	1		2	81	1.6%
17:30	17:45		25	18	4	4	7		3				61	1.2%
17:45	18:00	1	25	15		5	4		1	2		3	56	1.1%
17:00	18:00	2	137	64	5	23	19		14	4		7	275	5.6%
18:00	18:15		38	14		3	6		3	1			65	1.3%
18:15	18:30		30	12	2	4	1		3	1			53	1.1%
18:30	18:45		26	18	2	8	5		3			1	63	1.3%
18:45	19:00	1	36	16		6	3		3	1			66	1.3%
18:00	19:00	1	130	60	4	21	15		12	3		1	247	5.0%
19:00	19:15	2	30	12		1	7		3				55	1.1%
19:15	19:30	1	32	9		3	8		3	1			57	1.2%
19:30	19:45		31	4		3	2		2				42	0.9%
19:45	20:00		20	10	1	2	3		4				40	0.8%
19:00	20:00	3	113	35	1	9	20		12	1			194	3.9%
20:00	20:15		24	5			6		3	1			39	0.8%
20:15	20:30		17	8		3			2	1			31	0.6%
20:30	20:45		23	10		5	5		1				44	0.9%
20:45	21:00		11	6		3	1		3				24	0.5%
20:00	21:00		75	29		11	12		9	2			138	2.8%
21:00	21:15		17	5		1	1		4				28	0.6%
21:15	21:30		24	4	1	3	4		2			1	39	0.8%
21:30	21:45	1	14	4	1		6		1				27	0.5%
21:45	22:00		10	15		3	1		4				33	0.7%
21:00	22:00	1	65	28	2	7	12		11			1	127	2.6%
22:00	22:15	1	9	10		3	3					1	27	0.5%
22:15	22:30		20	7		1	2		2	1			33	0.7%
22:30	22:45		17	5		2		1	1			1	27	0.5%
22:45	23:00		17	5		2	1		5				30	0.6%
22:00	23:00	1	63	27		8	6	1	8	1		2	117	2.4%
23:00	23:15		13	4		1							18	0.4%
23:15	23:30		14	3			1		2				20	0.4%
23:30	23:45		10	3		3	3		1				20	0.4%
23:45	00:00	1	11	2		1	2						17	0.3%
23:00	00:00	1	48	12		5	6		3				75	1.5%
Total		66	2412	962	175	358	376	4	14	395	130	41	4933	
		1.3%	48.9%	19.5%	3.5%	7.3%	7.6%	0.1%	0.3%	8.0%	2.6%	0.8%		
AM PEAK		4	63	25	10	14	12	1	2	12	6	2	120	
period		10:45	7:45	6:45	10:15	10:30	7:00	6:00	7:45	7:30	8:45	2:30	7:45	
% of class		6.1%	2.6%	2.6%	5.7%	3.9%	3.2%	25.0%	14.3%	3.0%	4.6%	4.9%	2.4%	
PM PEAK		3	52	21	6	16	10	1	2	17	6	4	98	
period		14:45	16:00	16:45	12:30	14:30	12:15	14:15	12:30	13:30	15:30	15:00	16:45	
% of class		4.5%	2.2%	2.2%	3.4%	4.5%	2.7%	25.0%	14.3%	4.3%	4.6%	9.8%	2.0%	

Report-1.4	Location : 01400800EW Mayfield Road - 800m West of Highway 50														
	Direction : West Road :														
Dates : 2024-04-01															
Classes ----->	Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	
00:00 0:15		14	1			1		1						17	0.4%
0:15 0:30		8	1	1					1				2	13	0.3%
0:30 0:45		11	2		1									14	0.3%
0:45 1:00		4												4	0.1%
00:00 1:00		37	4	1	1	1		1	1				2	48	1.0%
1:00 1:15		3	1							1			2	7	0.2%
1:15 1:30		1							1					2	0.0%
1:30 1:45		5	1		1				1				1	9	0.2%
1:45 2:00		4				1				2				7	0.2%
1:00 2:00		13	2		1	1			2	3			3	25	0.5%
2:00 2:15										1				1	0.0%
2:15 2:30		5										1		6	0.1%
2:30 2:45		3								1				4	0.1%
2:45 3:00															
2:00 3:00		8								2			1	11	0.2%
3:00 3:15		2				1								3	0.1%
3:15 3:30			1			1								2	0.0%
3:30 3:45		1											2	3	0.1%
3:45 4:00		3				1			1				1	6	0.1%
3:00 4:00		6	1			3			1				3	14	0.3%
4:00 4:15		4				2			1				1	8	0.2%
4:15 4:30		3			1	1			1					6	0.1%
4:30 4:45		7								1				8	0.2%
4:45 5:00		3	2			2				1				8	0.2%
4:00 5:00		17	2		1	5			2	2			1	30	0.7%
5:00 5:15		7				2							3	12	0.3%
5:15 5:30		5	1		1				2	1				10	0.2%
5:30 5:45	1	13	4			1	1		3	2				25	0.5%
5:45 6:00		18	2							2			2	24	0.5%
5:00 6:00	1	43	7		1	3	1		5	5			5	71	1.5%
6:00 6:15		20	9		1	1			1	2			2	36	0.8%
6:15 6:30		21	4	2		2	1		1	1			1	33	0.7%
6:30 6:45	1	31	6		2	1			1				3	45	1.0%
6:45 7:00		23	5	1	1				3				1	34	0.7%
6:00 7:00	1	95	24	3	4	4	1		6	3			7	148	3.2%
7:00 7:15		36	7	1		2							1	47	1.0%
7:15 7:30		22	4		2	3	1	1	1	5			3	42	0.9%
7:30 7:45		16	8	2	1	1	1		2				2	33	0.7%
7:45 8:00		41	3		2	2			1	1			2	52	1.1%
7:00 8:00		115	22	3	5	8	2	1	4	6			8	174	3.8%
8:00 8:15	1	37	8		2	3			1	4			2	58	1.3%
8:15 8:30		25	8	2	3	2	1						4	45	1.0%
8:30 8:45		28	6	2	2	3			3	3			4	51	1.1%
8:45 9:00		25	7		1	1			1	4			2	41	0.9%
8:00 9:00	1	115	29	4	8	9	1		5	11			12	195	4.2%
9:00 9:15		30	4	1		1				2			3	41	0.9%
9:15 9:30		41	6	1	1				1				4	54	1.2%
9:30 9:45		41	3			3			3	1			1	52	1.1%
9:45 10:00		50	3	1	1	1	2						5	63	1.4%
9:00 10:00		162	16	3	2	5	2		4	3			13	210	4.6%
10:00 10:15		38	6				1			2			6	53	1.2%
10:15 10:30		38	4	1	6	1			1				3	54	1.2%
10:30 10:45		48	6	1	1			2	2				7	67	1.5%
10:45 11:00	1	56	5	1	1			1	1	1			6	73	1.6%
10:00 11:00	1	180	21	3	8	1	4	2	2	3			22	247	5.4%
11:00 11:15		46	6	1	2					2			4	61	1.3%
11:15 11:30		39	10	2	4			1		2			4	62	1.3%
11:30 11:45	1	56	10	1	1	3	1		1				3	77	1.7%
11:45 12:00		41	7		1	1			2	3			5	60	1.3%
11:00 12:00	1	182	33	4	8	4	2		3	7			16	260	5.6%

12:00	12:15		56	3	2	1	2			4	3		5	76	1.7%
12:15	12:30		43	4	1	3	2	1		2	1		9	66	1.4%
12:30	12:45		45	10	2	1	1	1					7	67	1.5%
12:45	13:00		68	10	1	3	2			1			3	88	1.9%
12:00	13:00		212	27	6	8	7	2		7	4		24	297	6.5%
13:00	13:15	1	50	3		2	2						6	64	1.4%
13:15	13:30	1	58	9	1	1	1	1	1	2	1		3	78	1.7%
13:30	13:45	1	45	4		3	2	1		2	1		7	66	1.4%
13:45	14:00		54	6	2	1	5	1		2			7	78	1.7%
13:00	14:00	3	207	22	2	7	10	3	1	6	2		23	286	6.2%
14:00	14:15		65	7	3		1	1		2	2		2	83	1.8%
14:15	14:30		37	12	3	2	1	1		3			3	62	1.3%
14:30	14:45		62	7	1	1	3	1			3		2	80	1.7%
14:45	15:00	1	53	6	3	2				2	2		2	71	1.5%
14:00	15:00	1	217	32	10	5	5	3		7	7		9	296	6.4%
15:00	15:15		73	5	3	2	3			1	3		3	93	2.0%
15:15	15:30		57	8		1	2	1		2	2		4	77	1.7%
15:30	15:45	2	119	7	1	2	1			1	1		2	136	3.0%
15:45	16:00		81	10	3	1	2	1		1			5	104	2.3%
15:00	16:00	2	330	30	7	6	5	5		5	6		14	410	8.9%
16:00	16:15		85	4	3	1	2	1	1	3	1			101	2.2%
16:15	16:30		61	10				1	1	2	1		9	85	1.8%
16:30	16:45		85	11	2	3	4			2			3	110	2.4%
16:45	17:00	1	66	13		1	7	1		2	1			92	2.0%
16:00	17:00	1	297	38	5	5	13	3	2	9	3		12	388	8.4%
17:00	17:15		79	11	1	3	4	1		1	3		5	108	2.3%
17:15	17:30	1	110	7	1	2				1	2		4	128	2.8%
17:30	17:45		53	6		1	2	1		1			5	69	1.5%
17:45	18:00		70	7	2	3	2		2		2		3	91	2.0%
17:00	18:00	1	312	31	4	9	8	2	2	3	7		17	396	8.6%
18:00	18:15		72	8			3			1	1		3	88	1.9%
18:15	18:30		65	5			3			2	4		2	81	1.8%
18:30	18:45		55	5	1	1	1				3		1	67	1.5%
18:45	19:00		48		1	1	1			1			2	53	1.2%
18:00	19:00		240	18	1	2	8			4	8		8	289	6.3%
19:00	19:15		53	3	1	1	1				1		3	63	1.4%
19:15	19:30	1	45	2		2	2			3			4	59	1.3%
19:30	19:45		46	5	1	1	1						5	59	1.3%
19:45	20:00	2	43	2		2	3	1			1		2	56	1.2%
19:00	20:00	3	187	12	2	6	7	1		3	2		14	237	5.1%
20:00	20:15		44	4				1		1	1		4	55	1.2%
20:15	20:30		55	4	1		2			1	2		1	66	1.4%
20:30	20:45		46	3			1						4	54	1.2%
20:45	21:00		37	3		1	1			2			2	46	1.0%
20:00	21:00		182	14	1	1	4	1		4	3		11	221	4.8%
21:00	21:15		30	2			2	1		1			3	39	0.8%
21:15	21:30		26	4			1			1	3		4	39	0.8%
21:30	21:45		35										6	41	0.9%
21:45	22:00		25	2				1			1		1	30	0.7%
21:00	22:00		116	8			3	2		2	4		14	149	3.2%
22:00	22:15		38	3										41	0.9%
22:15	22:30		24	2		2	1		1		1		1	32	0.7%
22:30	22:45		19	1									2	22	0.5%
22:45	23:00	2	18	5	1		1				1		4	32	0.7%
22:00	23:00	2	99	11	1	2	2		1				7	127	2.8%
23:00	23:15		22	1							1			24	0.5%
23:15	23:30		5	2	1						2		1	11	0.2%
23:30	23:45		14				3			2			2	21	0.5%
23:45	00:00		13	1		1	1			1				17	0.4%
23:00	00:00		54	4	1	1	4			3	3		3	73	1.6%
Total			18	3426	408	61	91	120	35	10	88	96	249	4602	
			0.4%	74.4%	8.9%	1.3%	2.0%	2.6%	0.8%	0.2%	1.9%	2.1%	5.4%		
AM PEAK			1	56	10	2	6	3	2	2	3	5	7	77	
period			5:30	10:45	11:15	6:15	10:15	7:15	9:45	10:30	5:30	7:15	10:30	11:30	
% of class			5.6%	1.6%	2.5%	3.3%	6.6%	2.5%	5.7%	20.0%	3.4%	5.2%	2.8%	1.7%	
PM PEAK			2	119	13	3	3	7	3	2	4	4	9	136	
period			15:30	15:30	16:45	14:00	12:15	16:45	15:00	17:45	12:00	18:15	12:15	15:30	
% of class			11.1%	3.5%	3.2%	4.9%	3.3%	5.8%	8.6%	20.0%	4.5%	4.2%	3.6%	3.0%	

Report-1.5	Location : 01400800EW Mayfield Road - 800m West of Highway 50														
	Direction : West Road :														
Dates : 1 2024-04-02															
Classes ----->	Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	
00:00 0:15		13	2			1							3	19	0.4%
0:15 0:30	1	17	1		2				1				4	26	0.5%
0:30 0:45		14				1							3	18	0.4%
0:45 1:00		13												13	0.3%
00:00 1:00	1	57	3		2	2			1				10	76	1.5%
1:00 1:15		8	2		1	1								12	0.2%
1:15 1:30		10		1	1				1	1				14	0.3%
1:30 1:45		1			1				4					6	0.1%
1:45 2:00		9	1			1			1	1				13	0.3%
1:00 2:00		28	3	1	3	2			6	2				45	0.9%
2:00 2:15		11	3											14	0.3%
2:15 2:30	1	5				1			1	1				9	0.2%
2:30 2:45		10							1					11	0.2%
2:45 3:00		2	2						1				1	6	0.1%
2:00 3:00	1	28	5			1			3	1			1	40	0.8%
3:00 3:15		5	1			1			2					9	0.2%
3:15 3:30		3				3			1	2				9	0.2%
3:30 3:45		1							1					2	0.0%
3:45 4:00		4				1								5	0.1%
3:00 4:00		13	1			5			4	2				25	0.5%
4:00 4:15		4							2					6	0.1%
4:15 4:30		6	1		1	1								9	0.2%
4:30 4:45		4			1	2			2					9	0.2%
4:45 5:00		11				1			1	1				14	0.3%
4:00 5:00		25	1		2	4			5	1				38	0.8%
5:00 5:15		6	1			1	1		1					10	0.2%
5:15 5:30		13	5							4				22	0.4%
5:30 5:45		14	1			1			4	2				22	0.4%
5:45 6:00		23	5	1		2			1				1	33	0.7%
5:00 6:00		56	12	1		4	1		6	6			1	87	1.7%
6:00 6:15		16	4		1				2					23	0.5%
6:15 6:30		29	5		1	1							2	38	0.8%
6:30 6:45		30	5		3				1	2				41	0.8%
6:45 7:00		40	7	1	2	2			1				4	57	1.1%
6:00 7:00		115	21	1	7	3			2	4			6	159	3.1%
7:00 7:15	1	43	2	2	2	1	1	1		3				56	1.1%
7:15 7:30		48	9	2	1	3				1				64	1.3%
7:30 7:45		47	4	1	1	2				1	1		3	60	1.2%
7:45 8:00	2	43	6	2	1	2	1		1	2				62	1.2%
7:00 8:00	3	181	21	7	5	8	2	1	2	7			5	242	4.8%
8:00 8:15		77	10	1	3	8			3				2	104	2.1%
8:15 8:30		56	12	1					2				2	73	1.4%
8:30 8:45		51	4	1	2	5			1	1			2	67	1.3%
8:45 9:00	2	55	9	1	1	4			2				2	76	1.5%
8:00 9:00	2	239	35	4	6	17			8	1			8	320	6.3%
9:00 9:15		46	6	2	4	5			5				1	69	1.4%
9:15 9:30		36	5			1			4	4			2	52	1.0%
9:30 9:45		38	8		1	3			3	2			1	56	1.1%
9:45 10:00		55	7	2	1	2	2		4	1				74	1.5%
9:00 10:00		175	26	4	6	11	2		16	7			4	251	5.0%
10:00 10:15		50	6	1	1	7		2	3	1			3	74	1.5%
10:15 10:30	2	35	7	4	1	4			2				5	60	1.2%
10:30 10:45		32	7	1	5	3			1	2			2	53	1.0%
10:45 11:00		39	6		1	4	1	1	3	3			2	60	1.2%
10:00 11:00	2	156	26	6	8	18	1	3	9	6			12	247	4.9%
11:00 11:15		48	5		6	4			3	2			3	71	1.4%
11:15 11:30	1	38	8	1	1				6	4			2	61	1.2%
11:30 11:45	1	45	5	1	1	5	4		2	2			2	68	1.3%
11:45 12:00		41	12	4		2	1		3	1			3	67	1.3%
11:00 12:00	2	172	30	6	8	9	6	1	14	9			10	267	5.3%

12:00	12:15	1	29	8	1	3	3	1	5	1		52	1.0%
12:15	12:30		67	9	4	2	4	1	3	1	1	92	1.8%
12:30	12:45		58	7	3	2	2		4	3	1	80	1.6%
12:45	13:00	1	50	7	3	5	5	1	5	1	1	79	1.6%
12:00	13:00	2	204	31	11	12	14	3	17	6	3	303	6.0%
13:00	13:15	1	44	14	2	4	2		2	1	3	73	1.4%
13:15	13:30	1	41	9	3	1	5	2	3		2	67	1.3%
13:30	13:45		40	9		3	1	1	4	2	1	61	1.2%
13:45	14:00		61	4		4	1		5	3	2	80	1.6%
13:00	14:00	2	186	36	5	12	9	3	14	6	8	281	5.6%
14:00	14:15		58	8	4	1	6	1	1	1	1	81	1.6%
14:15	14:30		56	9	2	3	5	1	1	1	3	81	1.6%
14:30	14:45		63	7	2	3	4		1	2	3	85	1.7%
14:45	15:00	2	50	9	1	1	3		1	2	3	72	1.4%
14:00	15:00	2	227	33	9	8	18	2	3	6	10	319	6.3%
15:00	15:15		53	7	1	6	1		5	2	2	77	1.5%
15:15	15:30	1	62	10	4	6	3		3	1		90	1.8%
15:30	15:45	1	127	15		2	6		3	1		155	3.1%
15:45	16:00		76	13	3	2	6		4	3	3	110	2.2%
15:00	16:00	2	318	45	8	16	16		15	7	5	432	8.5%
16:00	16:15		94	8	2	2	3		3	2	2	116	2.3%
16:15	16:30		72	5	1	1	1		4	1	2	87	1.7%
16:30	16:45		88	6	2	1	4		2	2	2	107	2.1%
16:45	17:00	1	102	6		1	9		1	1	3	125	2.5%
16:00	17:00	1	356	25	5	5	17	1	10	8	7	435	8.6%
17:00	17:15	1	96	10	1	2	4		7		1	122	2.4%
17:15	17:30		68	15		3	6		4	2	3	101	2.0%
17:30	17:45		63	6	3	1	3			1	2	79	1.6%
17:45	18:00	1	47	4	2	3	5	2	2	2		68	1.3%
17:00	18:00	2	274	35	6	9	18	2		13	5	370	7.3%
18:00	18:15		67	4		2		1	7	2	1	84	1.7%
18:15	18:30		50	10	1	1	5		3	4		74	1.5%
18:30	18:45		53	7		4	5	1	4		1	75	1.5%
18:45	19:00		65	4		1	1		2	1	2	76	1.5%
18:00	19:00		235	25	1	6	13	1	1	16	7	309	6.1%
19:00	19:15	1	54	8	1		1	1	3	2	2	73	1.4%
19:15	19:30	1	52	2	1		2		4	4	3	69	1.4%
19:30	19:45		46	9	1	1	3		3	1	1	65	1.3%
19:45	20:00		36	3			3		5	2	1	50	1.0%
19:00	20:00	2	188	22	3	1	9	1	15	9	7	257	5.1%
20:00	20:15		47	6		1	1		1	5	1	62	1.2%
20:15	20:30		37	4		1	4	1	5			52	1.0%
20:30	20:45		38	2		1	1		4	2	1	49	1.0%
20:45	21:00		25	3		1	5		5		2	41	0.8%
20:00	21:00		147	15		4	11	1	1	19	3	204	4.0%
21:00	21:15		32	2			2					36	0.7%
21:15	21:30		30	4		2	1		1			38	0.8%
21:30	21:45		19	3	1	1	2		1	1		28	0.6%
21:45	22:00		25	2			1					28	0.6%
21:00	22:00		106	11	1	3	6		2	1		130	2.6%
22:00	22:15		31	3				1	3	1		39	0.8%
22:15	22:30		18	2			2		5	2	2	31	0.6%
22:30	22:45		31	1			5		2	1		40	0.8%
22:45	23:00		15	1			4		1			21	0.4%
22:00	23:00		95	7			11		1	11	4	131	2.6%
23:00	23:15		14	2		1	5			3		25	0.5%
23:15	23:30		13	3			1			3		20	0.4%
23:30	23:45		15				2			1		18	0.4%
23:45	00:00		13	1		1	2		5	1	2	25	0.5%
23:00	00:00		55	6		2	10		12	1	2	88	1.7%
Total		24	3636	475	79	125	236	25	14	228	115	99	5056
		0.5%	71.9%	9.4%	1.6%	2.5%	4.7%	0.5%	0.3%	4.5%	2.3%	2.0%	
AM PEAK		2	77	12	4	6	8	4	2	6	4	5	104
period		7:45	8:00	8:15	10:15	11:00	8:00	11:30	10:00	11:15	5:15	10:15	8:00
% of class		8.3%	2.1%	2.5%	5.1%	4.8%	3.4%	16.0%	14.3%	2.6%	3.5%	5.1%	2.1%
PM PEAK		2	127	15	4	6	9	2	1	7	4	3	155
period		14:45	15:30	15:30	12:15	15:00	16:45	13:15	14:15	17:00	18:15	13:00	15:30
% of class		8.3%	3.5%	3.2%	5.1%	4.8%	3.8%	8.0%	7.1%	3.1%	3.5%	3.0%	3.1%

Report-1.6	Location : 01400800EW Mayfield Road - 800m West of Highway 50														
	Direction : West Road :														
Dates : 1 2024-04-03															
Classes ----->	Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	
00:00 0:15		25	1						3					29	0.6%
0:15 0:30		14				2	1		5					22	0.5%
0:30 0:45		15	1			1			2	1				20	0.4%
0:45 1:00		9	1		1				4				1	16	0.3%
00:00 1:00		63	3		1	3	1		14	1			1	87	1.8%
1:00 1:15		8	1			2			2					13	0.3%
1:15 1:30		1				1			2	1				5	0.1%
1:30 1:45	1	7												8	0.2%
1:45 2:00	1	5							1					7	0.1%
1:00 2:00	2	21	1			3			5	1				33	0.7%
2:00 2:15		13	3			1			3					20	0.4%
2:15 2:30		7	1			3			2					13	0.3%
2:30 2:45		8				2			3	1				14	0.3%
2:45 3:00		4	3						4	1				12	0.3%
2:00 3:00		32	7			6			12	2				59	1.2%
3:00 3:15		3				2			1	1				7	0.1%
3:15 3:30						1			1					2	0.0%
3:30 3:45		3	1			1			2					7	0.1%
3:45 4:00		2							2					4	0.1%
3:00 4:00		8	1			4			6	1				20	0.4%
4:00 4:15		6				2			1					9	0.2%
4:15 4:30		3	1		1	2			1			1		9	0.2%
4:30 4:45		2			1				2					5	0.1%
4:45 5:00		5				2			2					9	0.2%
4:00 5:00		16	1		2	6			6			1		32	0.7%
5:00 5:15		11	2			1			2					16	0.3%
5:15 5:30		10	3						1					14	0.3%
5:30 5:45	1	17	1		1	1			1	1				23	0.5%
5:45 6:00	1	13	3	1		1				1				20	0.4%
5:00 6:00	2	51	9	1	1	3			4	2				73	1.5%
6:00 6:15		15	6			1			4	1				27	0.6%
6:15 6:30		29	9			1			9					48	1.0%
6:30 6:45		18	2		2	1		1	4	1		1		30	0.6%
6:45 7:00		29	9						5	2				45	0.9%
6:00 7:00		91	26		2	3		1	22	4			1	150	3.1%
7:00 7:15		42	7	4		5			3	2			1	64	1.3%
7:15 7:30		41	9	3		2			3	2				60	1.3%
7:30 7:45		65	12	1	1				2	1				82	1.7%
7:45 8:00	2	37	8	2	2	1			4	3				59	1.2%
7:00 8:00	2	185	36	10	3	8			12	8			1	265	5.5%
8:00 8:15		54	18	1	4	1			3	4				85	1.8%
8:15 8:30	2	47	9	1	1	1		1	1	3		1		67	1.4%
8:30 8:45		30	6	2	5	1			2	1				47	1.0%
8:45 9:00		33	7	3	3	2			6	2				56	1.2%
8:00 9:00	2	164	40	7	13	5		1	12	10			1	255	5.3%
9:00 9:15		33	8	2	5	1			4					53	1.1%
9:15 9:30		32	9	5	3	6		1	2	4			1	63	1.3%
9:30 9:45	1	33	4	2	4	4			5	3				56	1.2%
9:45 10:00		19	13	5	2	1	1		1	3			1	46	1.0%
9:00 10:00	1	117	34	14	14	12	1	1	12	10			2	218	4.6%
10:00 10:15		36	10	3	8	4			3	3			1	68	1.4%
10:15 10:30		36	7	2		3			5	1				54	1.1%
10:30 10:45	1	39	9	1	3	5			6	4			1	69	1.4%
10:45 11:00	1	37	8	3	3	3			9	4			1	69	1.4%
10:00 11:00	2	148	34	9	14	15			23	12			3	260	5.4%
11:00 11:15		30	12			4			7	3				56	1.2%
11:15 11:30		41	4	3	6	4			4	3				65	1.4%
11:30 11:45		37	5	3	2	2	1	1	4	2			2	59	1.2%
11:45 12:00		34	7	1	2	1			7	4				56	1.2%
11:00 12:00		142	28	7	10	11	1	1	22	12			2	236	4.9%

12:00	12:15	1	57	6		1			8	4		1	78	1.6%
12:15	12:30	2	46	9	3	2	2		5	2		1	72	1.5%
12:30	12:45	1	44	6	1	3	3	1	7	1		1	68	1.4%
12:45	13:00		47	9		5	2		4				67	1.4%
12:00	13:00	4	194	30	4	11	7	1	24	7		3	285	6.0%
13:00	13:15		45	7	4	3	2	1	8	3			73	1.5%
13:15	13:30		29	6	3	3	4	1	4			1	51	1.1%
13:30	13:45		44	5	1	3	5		2	2			62	1.3%
13:45	14:00		41	10	4	5	5		8	1		2	76	1.6%
13:00	14:00		159	28	12	14	16	2	22	6		3	262	5.5%
14:00	14:15	1	59	5	1	4	5	1	2	3	3		85	1.8%
14:15	14:30	1	49	11	1	3	4			5	2		77	1.6%
14:30	14:45		59	10	1	4	4	1	1	10	2		88	1.8%
14:45	15:00		47	5	1	2	4	1		7	1		68	1.4%
14:00	15:00	2	214	31	3	10	17	3	3	25	8	2	318	6.7%
15:00	15:15	2	57	12	2		6			8	2	1	90	1.9%
15:15	15:30	1	44	13	2	3	6			7	1	3	80	1.7%
15:30	15:45	1	99	12	3	4	2	1		8	3		133	2.8%
15:45	16:00		50	8	3	4	4	1		2	2		74	1.5%
15:00	16:00	4	250	45	10	11	18	2		25	8	4	377	7.9%
16:00	16:15		92	9	1	1				8	1	1	113	2.4%
16:15	16:30	1	58	9	1	4	5	2		1	2		83	1.7%
16:30	16:45		80	13	1	3	7			8	2		114	2.4%
16:45	17:00		70	15	1	3	2	1		4	2		98	2.0%
16:00	17:00	1	300	46	4	11	14	3		21	7	1	408	8.5%
17:00	17:15		88	10		1	7			8	1	2	117	2.4%
17:15	17:30		55	12	1	3	3	2		7		1	84	1.8%
17:30	17:45		53	8	1	2	2	1		5	1	1	74	1.5%
17:45	18:00	2	44	13	1		2			10	3		75	1.6%
17:00	18:00	2	240	43	3	6	14	3		30	5	4	350	7.3%
18:00	18:15		75	9	1	3	2			2		2	94	2.0%
18:15	18:30		44	1	1		5	1		10	1	1	64	1.3%
18:30	18:45		44	5		3	1			6	1		60	1.3%
18:45	19:00		48	5			3			5	1	1	63	1.3%
18:00	19:00		211	20	2	6	11	1		23	3	4	281	5.9%
19:00	19:15		57	4		1	6	1		3	3	2	77	1.6%
19:15	19:30	1	39	8			2			5		3	58	1.2%
19:30	19:45		52	5	1	2	5			4		1	70	1.5%
19:45	20:00		35	2		1	4			4	2		48	1.0%
19:00	20:00	1	183	19	1	4	17	1		16	5	6	253	5.3%
20:00	20:15		37	3			2			5	1	2	50	1.0%
20:15	20:30		35	4			3			2			44	0.9%
20:30	20:45		39	1		3	3			2		1	49	1.0%
20:45	21:00		22	5		1	6	1		6		1	42	0.9%
20:00	21:00		133	13		4	14	1		15	1	4	185	3.9%
21:00	21:15		26	2			5			2			35	0.7%
21:15	21:30	2	33	2		1				7		1	46	1.0%
21:30	21:45		28	3		1	2		1	3		3	41	0.9%
21:45	22:00		25	1		2	1	1	1	3		2	36	0.8%
21:00	22:00	2	112	8		4	8	1	2	15		6	158	3.3%
22:00	22:15	1	21	2						3			27	0.6%
22:15	22:30		21	3			2			5			31	0.6%
22:30	22:45		31	1			2			4	1	1	40	0.8%
22:45	23:00	1	24	2			1			2			30	0.6%
22:00	23:00	2	97	8			5			14	1	1	128	2.7%
23:00	23:15		16	2			3			4	1		26	0.5%
23:15	23:30		15	2						3			20	0.4%
23:30	23:45		19									2	21	0.4%
23:45	00:00		19				1			1			21	0.4%
23:00	00:00		69	4			4			8	1	2	88	1.8%
Total		29	3200	515	87	141	224	20	10	388	115	52	4781	
		0.6%	66.9%	10.8%	1.8%	2.9%	4.7%	0.4%	0.2%	8.1%	2.4%	1.1%		
AM PEAK		2	65	18	5	8	6	1	1	9	4	2	85	
period		7:45	7:30	8:00	9:15	10:00	9:15	0:15	6:30	6:15	8:00	11:30	8:00	
% of class		6.9%	2.0%	3.5%	5.7%	5.7%	2.7%	5.0%	10.0%	2.3%	3.5%	3.8%	1.8%	
PM PEAK		2	99	15	4	5	7	2	2	10	4	3	133	
period		12:15	15:30	16:45	13:00	12:45	16:30	16:15	14:00	14:30	12:00	15:15	15:30	
% of class		6.9%	3.1%	2.9%	4.6%	3.5%	3.1%	10.0%	20.0%	2.6%	3.5%	5.8%	2.8%	

Report-1.7		Location :		01400800EW		Mayfield Road - 800m West of Highway 50												
		Direction :		East + West		Road :												
		Dates :		2024-04-01														
Classes	----->	Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total		Total	
00:00	0:15		20	4	3		4		1						32	0.3%		
0:15	0:30		11	1	1	1	1			3				2	20	0.2%		
0:30	0:45		16	3		2	1			1	1				24	0.2%		
0:45	1:00		7	1						1					9	0.1%		
00:00	1:00		54	9	4	3	6		1	5	1			2	85	0.8%	7.00	15.00
1:00	1:15		4	1		1	1	1			1			2	11	0.1%		
1:15	1:30		4			2				1				1	8	0.1%		
1:30	1:45		12	2	3	2	2			1				1	23	0.2%		
1:45	2:00		6	1		1	2				2			1	13	0.1%		
1:00	2:00		26	4	3	6	5	1		2	3			5	55	0.5%	9.00	16.00
2:00	2:15		5	1	3						1				10	0.1%		
2:15	2:30		11				2							1	14	0.1%		
2:30	2:45		7	1	1	1					2			1	13	0.1%		
2:45	3:00		2		1	1	1			2	1				8	0.1%		
2:00	3:00		25	2	5	2	3			2	4			2	45	0.4%	7.00	11.00
3:00	3:15		3		1		2			1	1				8	0.1%		
3:15	3:30		9	3	5		3			6					26	0.3%		
3:30	3:45		7		2		2	1		2				2	16	0.2%		
3:45	4:00	1	9	2	1	1	1			5				2	22	0.2%		
3:00	4:00	1	28	5	9	1	8	1		14	1			4	72	0.7%	10.00	28.00
4:00	4:15		13	1			4			3	2			1	24	0.2%		
4:15	4:30		15	1	1	1	4	1		4	1				28	0.3%		
4:30	4:45	1	26	3	4		1			5	1				41	0.4%		
4:45	5:00		49	6	1	1	6			6	1				70	0.7%		
4:00	5:00	1	103	11	6	2	15	1		18	5			1	163	1.6%	8.00	40.00
5:00	5:15		26	5	3		6							3	43	0.4%		
5:15	5:30		20	4	2	2	1			8	1			1	39	0.4%		
5:30	5:45	1	46	7		1	3	1		7	2				68	0.7%		
5:45	6:00		47	6	5	1	9	1		6	4			2	81	0.8%		
5:00	6:00	1	139	22	10	4	19	2		21	7			6	231	2.3%	14.00	55.00
6:00	6:15		43	13	8	1	6			8	3			3	85	0.8%		
6:15	6:30		60	12	16	1	9	2		8	1			3	112	1.1%		
6:30	6:45	1	85	18	4	5	7			12	4			4	140	1.4%		
6:45	7:00		83	16	2	4	5	1		8	2			1	122	1.2%		
6:00	7:00	1	271	59	30	11	27	3		36	10			11	459	4.6%	41.00	87.00
7:00	7:15		58	12	2	4	5			8	6			1	96	1.0%		
7:15	7:30		62	14	2	2	9	1	1	6	7			5	109	1.1%		
7:30	7:45	2	61	19	3	1	11	3		13	5			2	120	1.2%		
7:45	8:00	1	112	14	2	2	10	1		7	1			3	153	1.5%		
7:00	8:00	3	293	59	9	9	35	5	1	34	19			11	478	4.7%	18.00	105.00
8:00	8:15	2	91	20	1	5	11	2		8	8			2	150	1.5%		
8:15	8:30		69	15	4	3	9	1		10	2			4	117	1.2%		
8:30	8:45	2	74	12	5	3	7		1	7	5			4	120	1.2%		
8:45	9:00		69	14	2	3	5	1	1	10	9			2	116	1.2%		
8:00	9:00	4	303	61	12	14	32	4	2	35	24			12	503	5.0%	26.00	109.00
9:00	9:15		68	11	4	5	9		1	8	4			4	114	1.1%		
9:15	9:30	2	97	18	5	4	8	1		8	4			4	151	1.5%		
9:30	9:45		78	17	3	5	7		3	14	6			4	137	1.4%		
9:45	10:00	2	94	16	2	5	4	4		6	11			8	152	1.5%		
9:00	10:00	4	337	62	14	19	28	5	4	36	25			20	554	5.5%	33.00	118.00
10:00	10:15	1	78	14	1	2	3	2		8	4			7	120	1.2%		
10:15	10:30		77	11	2	8	4			12	5			4	123	1.2%		
10:30	10:45		99	13	5	1	4	2	3	8	5			8	148	1.5%		
10:45	11:00	1	114	14	4	2	4	1	1	8	4			6	159	1.6%		
10:00	11:00	2	368	52	12	13	15	5	4	36	18			25	550	5.5%	25.00	103.00
11:00	11:15	1	88	16	2	7	8			15	6			5	148	1.5%		
11:15	11:30		74	18	6	6	6	2		7	5			5	129	1.3%		
11:30	11:45	2	99	20	3	4	12	1		9				5	155	1.5%		
11:45	12:00		77	16	5	6	4			15	9			7	139	1.4%		
11:00	12:00	3	338	70	16	23	30	3		46	20			22	571	5.7%	39.00	121.00

12:00	12:15	1	106	10	6	5	6			12	4		5	155	1.5%		
12:15	12:30		101	11	6	4	8	2		12	7		10	161	1.6%		
12:30	12:45		97	21	4	5	7	1		13			7	155	1.5%		
12:45	13:00	2	122	17	1	4	8			1	10	3	4	172	1.7%		
12:00	13:00	3	426	59	17	18	29	3	1	47	14		26	643	6.4%	35.00	120.00
13:00	13:15	2	106	8	2	3	7	1		8	4		8	149	1.5%		
13:15	13:30	2	125	19	1	2	8	1	1	15	6		6	186	1.8%		
13:30	13:45	1	88	17	4	5	5	2		8	1		8	139	1.4%		
13:45	14:00	2	104	14	5	1	8	1	1	9	9		8	162	1.6%		
13:00	14:00	7	423	58	12	11	28	5	2	40	20		30	636	6.3%	23.00	125.00
14:00	14:15	2	122	16	5	6	2	1		15	2		2	173	1.7%		
14:15	14:30		77	20	4	4	9	2		13	3		4	136	1.4%		
14:30	14:45		137	16	1	6	8	1	1	3	4		3	180	1.8%		
14:45	15:00	1	106	18	6	5	5			8	9		3	161	1.6%		
14:00	15:00	3	442	70	16	21	24	4	1	39	18		12	650	6.5%	37.00	98.00
15:00	15:15	3	130	17	3	8	4	3	1	8	10		5	192	1.9%		
15:15	15:30	1	113	21	2	1	5	1	1	9	2		5	161	1.6%		
15:30	15:45	2	196	15	2	4	3			13	6		4	245	2.4%		
15:45	16:00	1	147	25	4	3	7	1	1	5	1		7	202	2.0%		
15:00	16:00	7	586	78	11	16	19	5	3	35	19		21	800	7.9%	27.00	102.00
16:00	16:15	1	154	15	6	3	7	1	2	11	5		1	206	2.0%		
16:15	16:30		115	28	2	6	6	1	1	7	1		11	178	1.8%		
16:30	16:45		137	21	4	9	9		1	8	2		3	194	1.9%		
16:45	17:00	1	117	23	1	4	12	1		8	2		1	170	1.7%		
16:00	17:00	2	523	87	13	22	34	3	4	34	10		16	748	7.4%	35.00	101.00
17:00	17:15	1	137	18	1	8	5	1		6	4		5	186	1.8%		
17:15	17:30	1	185	18	4	3	8			6	4		4	233	2.3%		
17:30	17:45	1	105	17	1	3	5	1		6	1		7	147	1.5%		
17:45	18:00		121	16	2	5	5	1	2	10	2		3	167	1.7%		
17:00	18:00	3	548	69	8	19	23	3	2	28	11		19	733	7.3%	27.00	86.00
18:00	18:15		117	15		1	5			7	2		3	150	1.5%		
18:15	18:30	1	105	15		1	12	2	1	8	6		3	154	1.5%		
18:30	18:45	1	100	16	3	1	4			1	5		2	133	1.3%		
18:45	19:00		87	10	1	3	4			1	7	1	2	116	1.2%		
18:00	19:00	2	409	56	4	6	25	2	2	23	14		10	553	5.5%	10.00	76.00
19:00	19:15		92	11	2	6	4			8	3		3	129	1.3%		
19:15	19:30	1	80	8	1	4	4			11			4	113	1.1%		
19:30	19:45	1	74	7	1	2	6			4	1		5	101	1.0%		
19:45	20:00	3	74	5	1	2	4	2		1	1		2	95	0.9%		
19:00	20:00	5	320	31	5	14	18	2		24	5		14	438	4.3%	19.00	63.00
20:00	20:15		87	9		1	2	1		4	2		4	110	1.1%		
20:15	20:30	1	88	9	1	1	4			6	2		2	114	1.1%		
20:30	20:45		75	8		1	4			4	1		4	97	1.0%		
20:45	21:00		67	4		2	6	1		6	1		2	89	0.9%		
20:00	21:00	1	317	30	1	5	16	2		20	6		12	410	4.1%	6.00	56.00
21:00	21:15		51	5			5	1		5			4	71	0.7%		
21:15	21:30		45	11	1	1	1	1		5	3		5	73	0.7%		
21:30	21:45		55	5			1			2			6	69	0.7%		
21:45	22:00		48	7		1	1	1		2	1		1	62	0.6%		
21:00	22:00		199	28	1	2	8	3		14	4		16	275	2.7%	3.00	45.00
22:00	22:15		69	7			6			7				89	0.9%		
22:15	22:30		45	6		3	3		1	3	2		1	64	0.6%		
22:30	22:45		37	5	1	3	1			2	1		2	52	0.5%		
22:45	23:00	2	37	8	1	2	2			1	1		4	58	0.6%		
22:00	23:00	2	188	26	2	8	12		1	13	4		7	263	2.6%	10.00	37.00
23:00	23:15		34	2	1		1			2	1			41	0.4%		
23:15	23:30		20	3	1		2			2	2		1	31	0.3%		
23:30	23:45		29			2	6			3			3	43	0.4%		
23:45	00:00		31	1		2	3			4				41	0.4%		
23:00	00:00		114	6	2	4	12			11	3		4	156	1.5%	6.00	30.00
Total		55	6780	1014	222	253	471	62	28	613	265		308	10071			
		0.5%	67.3%	10.1%	2.2%	2.5%	4.7%	0.6%	0.3%	6.1%	2.6%		3.1%				
AM PEAK		2	114	20	16	8	12	4	3	15	11		8	159			
period		7:30	10:45	8:00	6:15	10:15	11:30	9:45	9:30	11:00	9:45		9:45	10:45			
% of class		3.6%	1.7%	2.0%	7.2%	3.2%	2.5%	6.5%	10.7%	2.4%	4.2%		2.6%	1.6%			
PM PEAK		3	196	28	6	9	12	3	2	15	10		11	245			
period		15:00	15:30	16:15	12:00	16:30	16:45	15:00	16:00	13:15	15:00		16:15	15:30			
% of class		5.5%	2.9%	2.8%	2.7%	3.6%	2.5%	4.8%	7.1%	2.4%	3.8%		3.6%	2.4%			

		Volume	Percentage
Total Volu	10071	8805	87%
Total Medi	475.00	1266	13%
Total Heav	1747.00		
Medium Tr	5%		
Heavy Truc	17%		

Report-1.8		Location : 01400800EW Mayfield Road - 800m West of Highway 50															
		Direction : East + West Road :															
		Dates : 2024-04-02															
Classes		Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total	Med	Heavy
00:00	0:15		26	4			5			1				3	39	0.4%	
0:15	0:30	1	20	2		2	3			4				4	36	0.3%	
0:30	0:45		20	1			2							3	26	0.2%	
0:45	1:00		20			1				3					24	0.2%	
00:00	1:00	1	86	7		3	10			8				10	125	1.2%	3.00
1:00	1:15		12	3		1	4								20	0.2%	
1:15	1:30		18		2	1				4	1				26	0.2%	
1:30	1:45		3			1	1			6					11	0.1%	
1:45	2:00		20	1			3			2	1				27	0.3%	
1:00	2:00		53	4	2	3	8			12	2				84	0.8%	5.00
2:00	2:15		17	5	2		1								25	0.2%	
2:15	2:30	1	8				4			4	1			1	19	0.2%	
2:30	2:45		20	1						2				1	24	0.2%	
2:45	3:00		5	3			1			4	1			1	15	0.1%	
2:00	3:00	1	50	9	2		6			10	2			3	83	0.8%	2.00
3:00	3:15		10	3	1		4			5	1				24	0.2%	
3:15	3:30		5		2		4			2	2				15	0.1%	
3:30	3:45		8		1		1			4					14	0.1%	
3:45	4:00		12	2	2		5			4	1				26	0.2%	
3:00	4:00		35	5	6		14			15	4				79	0.7%	6.00
4:00	4:15	1	8	1	1		4			8					23	0.2%	
4:15	4:30		17	1	1	1	4			2	2				28	0.3%	
4:30	4:45		21	3	1	1	3			6	2				37	0.3%	
4:45	5:00		61	6	4	1	4			9	1				86	0.8%	
4:00	5:00	1	107	11	7	3	15			25	5				174	1.6%	10.00
5:00	5:15		35	7	3	1	6	1		8	2				63	0.6%	
5:15	5:30		42	11	3		2			5	6				69	0.6%	
5:30	5:45		45	3	5		6			10	5			1	75	0.7%	
5:45	6:00	1	53	9	7	2	6			7	1			1	87	0.8%	
5:00	6:00	1	175	30	18	3	20	1		30	14			2	294	2.7%	21.00
6:00	6:15		45	13	8	3	7			6	4				86	0.8%	
6:15	6:30		54	15	5	2	6			3	6			1	92	0.9%	
6:30	6:45	1	87	15	4	5	7			1	13	3			136	1.3%	
6:45	7:00		116	20	2	5	6			1	9	5			164	1.5%	
6:00	7:00	1	302	63	19	15	26			2	31	18		1	478	4.4%	34.00
7:00	7:15	1	81	8	11	5	8	1		2	5	11			134	1.2%	
7:15	7:30		100	26	14	10	15			1	6	3			176	1.6%	
7:30	7:45		103	11	5	6	6	1		1	13	4			153	1.4%	
7:45	8:00	4	114	15	5	2	10	1		10	4				167	1.6%	
7:00	8:00	5	398	60	35	23	39	3	4	34	22			7	630	5.9%	58.00
8:00	8:15		141	24	5	8	14			9	2			3	206	1.9%	
8:15	8:30	2	128	22	4	8	8			8				3	183	1.7%	
8:30	8:45		102	11	3	5	7			1	7	4			143	1.3%	
8:45	9:00	2	136	23	4	4	9			8	4			3	193	1.8%	
8:00	9:00	4	507	80	16	25	38			1	32	10		12	725	6.7%	41.00
9:00	9:15	1	97	17	6	7	11				15	2			158	1.5%	
9:15	9:30		86	17	6	7	4			1	11	7			142	1.3%	
9:30	9:45	1	92	12	3	4	3				8	6			130	1.2%	
9:45	10:00		121	22	4	5	7	2		1	11	3			177	1.6%	
9:00	10:00	2	396	68	19	23	25	2	2	2	45	18		7	607	5.6%	42.00
10:00	10:15	1	96	15	3	5	8			2	12	10			156	1.5%	
10:15	10:30	2	76	12	4	4	9			1	11	6			130	1.2%	
10:30	10:45		71	17	4	9	5				5	4			118	1.1%	
10:45	11:00	1	75	19	4	4	10	1		2	15	9			142	1.3%	
10:00	11:00	4	318	63	15	22	32	1	5	43	29			14	546	5.1%	37.00
11:00	11:15		100	14	2	11	6			1	12	4			154	1.4%	
11:15	11:30	1	86	22	3	7	2				12	4			141	1.3%	
11:30	11:45	1	84	15	5	12	9	4			11	3			146	1.4%	
11:45	12:00	1	92	23	9	4	9	2	1		7	6			157	1.5%	
11:00	12:00	3	362	74	19	34	26	6	2	42	17			13	598	5.6%	53.00

12:00	12:15	1	68	20	5	9	10	1	11	5	2	132	1.2%		
12:15	12:30	1	117	21	4	6	12	1	7	4	1	174	1.6%		
12:30	12:45	2	102	20	8	12	4		9	6	1	164	1.5%		
12:45	13:00	1	94	17	7	7	11	1	11	3	2	154	1.4%		
12:00	13:00	5	381	78	24	34	37	3	38	18	6	624	5.8%	58.00	102.00
13:00	13:15	2	82	25	2	5	12	1	8	2	3	142	1.3%		
13:15	13:30	2	83	20	6	8	12	2	1	10	3	149	1.4%		
13:30	13:45		86	20		7	7	1	2	12	4	140	1.3%		
13:45	14:00	2	112	13		10	6		14	8	4	169	1.6%		
13:00	14:00	6	363	78	8	30	37	4	3	44	17	600	5.6%	38.00	115.00
14:00	14:15	1	93	27	8	7	13	1	2	5	5	163	1.5%		
14:15	14:30	5	101	26	9	17	11	1	4	3	6	183	1.7%		
14:30	14:45	3	111	22	8	12	8		1	9	7	181	1.7%		
14:45	15:00	2	117	19	7	7	9		2	16	4	183	1.7%		
14:00	15:00	11	422	94	32	43	41	2	9	33	22	710	6.6%	75.00	108.00
15:00	15:15		105	30	3	16	6		15	6	2	183	1.7%		
15:15	15:30	2	106	29	7	13	6		9	2		174	1.6%		
15:30	15:45	1	200	32	1	8	9		7	3	2	263	2.4%		
15:45	16:00		133	33	7	11	10		1	8	6	213	2.0%		
15:00	16:00	3	544	124	18	48	31		1	39	17	833	7.8%	66.00	96.00
16:00	16:15		150	34	3	11	8		6	6	2	220	2.0%		
16:15	16:30		142	25	5	15	8	1	7	2	3	208	1.9%		
16:30	16:45		141	25	3	9	7		6	5	3	199	1.9%		
16:45	17:00	1	177	20	2	3	16		1	4	4	229	2.1%		
16:00	17:00	1	610	104	13	38	39	1	1	23	17	856	8.0%	51.00	90.00
17:00	17:15	2	158	22	3	7	5		11	2	1	211	2.0%		
17:15	17:30		122	34	1	13	10		8	2	3	193	1.8%		
17:30	17:45		103	21	4	4	6		1	2	4	147	1.4%		
17:45	18:00	2	102	18	3	9	11	2	9	2		158	1.5%		
17:00	18:00	4	485	95	11	33	32	2	1	30	10	709	6.6%	44.00	81.00
18:00	18:15	1	114	14	1	3	6		1	12	3	157	1.5%		
18:15	18:30	1	80	28	1	4	8		7	6		135	1.3%		
18:30	18:45		90	20	1	9	10	1	6	2	1	140	1.3%		
18:45	19:00		100	19		4	6		7	1	2	139	1.3%		
18:00	19:00	2	384	81	3	20	30	1	1	32	12	571	5.3%	23.00	81.00
19:00	19:15	1	88	20	1	3	5	1	4	5	2	130	1.2%		
19:15	19:30	1	83	8	2	4	3		6	4	3	114	1.1%		
19:30	19:45		63	22	1	3	7		5	3	1	105	1.0%		
19:45	20:00		57	9	2	3	11		9	2	1	94	0.9%		
19:00	20:00	2	291	59	6	13	26	1	24	14	7	443	4.1%	19.00	72.00
20:00	20:15	1	63	11		3	4		1	9	3	95	0.9%		
20:15	20:30		68	9		2	6	1	9			95	0.9%		
20:30	20:45		56	5		4	4		7	2	1	79	0.7%		
20:45	21:00		32	14		6	7		6	1	2	68	0.6%		
20:00	21:00	1	219	39		15	21	1	1	31	6	337	3.1%	15.00	63.00
21:00	21:15		52	5		2	6		3	1		69	0.6%		
21:15	21:30	1	48	7		5	7		1		1	70	0.7%		
21:30	21:45		42	10	1	3	9		2	1		68	0.6%		
21:45	22:00	1	39	11		4	1		1			57	0.5%		
21:00	22:00	2	181	33	1	14	23		7	2	1	264	2.5%	15.00	33.00
22:00	22:15		46	7		1	2		1	6	1	64	0.6%		
22:15	22:30		34	10	1		3		6	2	2	58	0.5%		
22:30	22:45		54	7		2	7		3	1		74	0.7%		
22:45	23:00		28	8		1	8		5	1		51	0.5%		
22:00	23:00		162	32	1	4	20		1	20	5	247	2.3%	5.00	48.00
23:00	23:15		21	3		3	5		7		1	40	0.4%		
23:15	23:30		21	3			2		4			30	0.3%		
23:30	23:45		22	1		1	5		1			30	0.3%		
23:45	00:00		17	3		1	2		5	1	2	31	0.3%		
23:00	00:00		81	10		5	14		17	1	3	131	1.2%	5.00	35.00
Total		60	6912	1301	275	451	610	28	34	665	282	130	10748		
		0.6%	64.3%	12.1%	2.6%	4.2%	5.7%	0.3%	0.3%	6.2%	2.6%	1.2%			
AM PEAK		4	141	26	14	12	15	4	2	15	11	5	206		
period		7:45	8:00	7:15	7:15	11:30	7:15	11:30	7:00	9:00	7:00	10:15	8:00		
% of class		6.7%	2.0%	2.0%	5.1%	2.7%	2.5%	14.3%	5.9%	2.3%	3.9%	3.8%	1.9%		
PM PEAK		5	200	34	9	17	16	2	4	16	8	4	263		
period		14:15	15:30	16:00	14:15	14:15	16:45	13:15	14:15	14:45	13:45	13:45	15:30		
% of class		8.3%	2.9%	2.6%	3.3%	3.8%	2.6%	7.1%	11.8%	2.4%	2.8%	3.1%	2.4%		

Total Volume 10748

Total Medi 726.00
 Total Heav 1749.00
 Medium Tr 7%
 Heavy Truc 16%

Volume Percentage

Daytime (0700 - 2300) 9300 87%

Nighttime (2300 - 0600) 1448 13%

Report-1.9		Location : 01400800EW Mayfield Road - 800m West of Highway 50															
		Direction : East + West											Road :				
		Dates : 2024-04-03															
Classes		Class-1	Class-2	Class-3	Class-4	Class-5	Class-6	Class-7	Class-8	Class-9	Class-10	Class-11	Class-12	Class-13	Total		Total
00:00	0:15		27	2			2			6					37	0.4%	
	0:15		17	1			5	1		7					31	0.3%	
	0:30		22	2			3			4	1				32	0.3%	
	0:45		17	1		1	2			7				1	29	0.3%	
00:00	1:00		83	6		1	12	1		24	1			1	129	1.3%	1.00
	1:00		12	3			4			3					22	0.2%	
	1:15		3				2			2	1				8	0.1%	
	1:30	2	10	1	1	1									15	0.2%	
	1:45	2	7	3			1			2					15	0.2%	
	2:00	4	32	7	1	1	7			7	1				60	0.6%	2.00
	2:00		20	5	2		2			3					32	0.3%	
	2:15		11	3			5			2					21	0.2%	
	2:30		11				2			5	2			2	22	0.2%	
	2:45	1	8	7			1			6	1				24	0.2%	
	3:00	1	50	15	2		10			16	3			2	99	1.0%	2.00
	3:00		1	8	3	3	6			3	2				26	0.3%	
	3:15		7		3		3			1					14	0.1%	
	3:30		8	4	1		4			5	2				24	0.2%	
	3:45		11	2		1	1			5					20	0.2%	
	4:00	1	34	9	7	1	14			14	4				84	0.9%	8.00
	4:00		1	7	2		4			1	1				16	0.2%	
	4:15		10	3		1	4			3	1			2	24	0.2%	
	4:30		14	7		1	3			6	1			1	33	0.3%	
	4:45		42	10	2	3	5			5	2				69	0.7%	
	5:00	1	73	22	2	5	16			15	5			3	142	1.5%	7.00
	5:00		30	7			6			4	1			1	49	0.5%	
	5:15		24	11	2	2	1			7					47	0.5%	
	5:30	1	43	9	1	1	3			3	1				62	0.6%	
	5:45	2	36	7	3		3			4	3			1	59	0.6%	
	6:00	3	133	34	6	3	13			18	5			2	217	2.2%	9.00
	6:00		39	19	1	2	6	1		6	3				77	0.8%	
	6:15		50	16	3	2	9			17	4			2	103	1.1%	
	6:30		68	18	1	6	7		1	15	3			1	120	1.2%	
	6:45	3	80	34	2	6	6	1		13	3				148	1.5%	
	7:00	3	237	87	7	16	28	2	1	51	13			3	448	4.6%	23.00
	7:00		2	75	23	11	4	17		9	4			2	147	1.5%	
	7:15		82	19	11	7	7		1	7	5				139	1.4%	
	7:30	1	103	25	5	4	9		1	14	1				163	1.7%	
	7:45	4	100	32	8	6	10		2	11	4			2	179	1.8%	
	8:00	7	360	99	35	21	43		4	41	14			4	628	6.5%	56.00
	8:00		1	87	32	4	6	4		8	6				148	1.5%	
	8:15	4	102	30	8	5	4		2	4	4			2	165	1.7%	
	8:30		66	20	4	10	6			6	5			2	119	1.2%	
	8:45		66	31	7	9	5			12	8				138	1.4%	
	9:00	5	321	113	23	30	19		2	30	23			4	570	5.9%	53.00
	9:00		74	29	6	9	3		1	10	1			1	134	1.4%	
	9:15	2	62	19	8	10	10		1	6	9			1	128	1.3%	
	9:30	2	61	17	5	17	12			12	4			1	131	1.3%	
	9:45		44	24	9	6	6	1		7	7				105	1.1%	
	10:00	4	241	89	28	42	31	1	2	35	21			4	498	5.1%	70.00
	10:00		65	25	4	15	7		1	9	5			2	133	1.4%	
	10:15	3	65	24	12	3	5		1	11	2				126	1.3%	
	10:30	1	59	20	4	17	10			8	4			1	124	1.3%	
	10:45	5	67	23	6	7	5		1	10	7			1	132	1.4%	
	11:00	9	256	92	26	42	27		3	38	18			4	515	5.3%	68.00
	11:00		2	53	20	4	4	8		17	5				113	1.2%	
	11:15	2	62	15	8	9	11			13	6			1	127	1.3%	
	11:30	2	65	21	3	9	7	1	1	8	6			2	125	1.3%	
	11:45	1	59	15	4	11	8		1	13	5				117	1.2%	
	12:00	7	239	71	19	33	34	1	2	51	22			3	482	5.0%	52.00

12:00	12:15	3	91	19	1	4	4		20	8		2	152	1.6%		
12:15	12:30	4	85	24	5	14	12		12	4		1	161	1.7%		
12:30	12:45	2	68	16	7	9	8	3	12	4		1	130	1.3%		
12:45	13:00	2	91	18		11	9		11	3			145	1.5%		
12:00	13:00	11	335	77	13	38	33	3	55	19		4	588	6.1%	51.00	114.00
13:00	13:15	2	67	16	7	11	5	1	16	5			130	1.3%		
13:15	13:30	2	53	25	6	12	10	1	16			2	127	1.3%		
13:30	13:45		79	13	2	9	7		19	7			136	1.4%		
13:45	14:00		87	20	6	11	11		12	2		2	151	1.6%		
13:00	14:00	4	286	74	21	43	33	2	63	14		4	544	5.6%	64.00	116.00
14:00	14:15	1	98	21	5	9	15	1	7	4		2	165	1.7%		
14:15	14:30	1	86	21	5	10	9	1	12	2		1	148	1.5%		
14:30	14:45		90	22	3	17	6	1	16	4			160	1.6%		
14:45	15:00	3	89	18	6	6	9	1	13	4			149	1.5%		
14:00	15:00	5	363	82	19	42	39	4	48	14		3	622	6.4%	61.00	111.00
15:00	15:15	2	101	32	6	5	15		14	4		5	184	1.9%		
15:15	15:30	3	77	33	3	13	16		13	5		4	167	1.7%		
15:30	15:45	4	137	29	5	8	5	2	14	9		2	215	2.2%		
15:45	16:00		91	22	8	12	9	1	7	4		2	156	1.6%		
15:00	16:00	9	406	116	22	38	45	3	48	22		13	722	7.4%	60.00	131.00
16:00	16:15	2	144	26	3	10	4	1	11	1		1	203	2.1%		
16:15	16:30	3	107	23	1	9	8	2	8	5			166	1.7%		
16:30	16:45		117	29	3	8	10		12	6			185	1.9%		
16:45	17:00		119	36	6	8	11	1	8	7			196	2.0%		
16:00	17:00	5	487	114	13	35	33	3	39	19		1	750	7.7%	48.00	96.00
17:00	17:15		133	24		9	12		10	2		4	194	2.0%		
17:15	17:30	1	97	29	2	9	6	2	15	1		3	165	1.7%		
17:30	17:45		78	26	5	6	9	1	8	1		1	135	1.4%		
17:45	18:00	3	69	28	1	5	6		11	5		3	131	1.3%		
17:00	18:00	4	377	107	8	29	33	3	44	9		11	625	6.4%	37.00	100.00
18:00	18:15		113	23	1	6	8		5	1		2	159	1.6%		
18:15	18:30		74	13	3	4	6	1	13	2		1	117	1.2%		
18:30	18:45		70	23	2	11	6		9	1		1	123	1.3%		
18:45	19:00	1	84	21		6	6		8	2		1	129	1.3%		
18:00	19:00	1	341	80	6	27	26	1	35	6		5	528	5.4%	33.00	73.00
19:00	19:15	2	87	16		2	13	1	6	3		2	132	1.4%		
19:15	19:30	2	71	17		3	10		8	1		3	115	1.2%		
19:30	19:45		83	9	1	5	7		6			1	112	1.2%		
19:45	20:00		55	12	1	3	7		8	2			88	0.9%		
19:00	20:00	4	296	54	2	13	37	1	28	6		6	447	4.6%	15.00	78.00
20:00	20:15		61	8			8		8	2		2	89	0.9%		
20:15	20:30		52	12		3	3		4	1			75	0.8%		
20:30	20:45		62	11		8	8		3			1	93	1.0%		
20:45	21:00		33	11		4	7	1	9			1	66	0.7%		
20:00	21:00		208	42		15	26	1	24	3		4	323	3.3%	15.00	58.00
21:00	21:15		43	7		1	6		6				63	0.6%		
21:15	21:30	2	57	6	1	4	4		9			2	85	0.9%		
21:30	21:45	1	42	7	1	1	8		1	4		3	68	0.7%		
21:45	22:00		35	16		5	2	1	1	7		2	69	0.7%		
21:00	22:00	3	177	36	2	11	20	1	2	26		7	285	2.9%	13.00	56.00
22:00	22:15	2	30	12		3	3		3			1	54	0.6%		
22:15	22:30		41	10		1	4		7	1			64	0.7%		
22:30	22:45		48	6		2	2		1	5	1	2	67	0.7%		
22:45	23:00	1	41	7		2	2		7				60	0.6%		
22:00	23:00	3	160	35		8	11		1	22	2	3	245	2.5%	8.00	39.00
23:00	23:15		29	6		1	3		4	1			44	0.5%		
23:15	23:30		29	5			1		5				40	0.4%		
23:30	23:45		29	3		3	3		1			2	41	0.4%		
23:45	00:00	1	30	2		1	3		1				38	0.4%		
23:00	00:00	1	117	16		5	10		11	1		2	163	1.7%	5.00	24.00
Total		95	5612	1477	262	499	600	24	24	783	245	93	9714			
		1.0%	57.8%	15.2%	2.7%	5.1%	6.2%	0.2%	0.2%	8.1%	2.5%	1.0%				
AM PEAK		5	103	34	12	17	17	1	2	17	9	2	179			
period		10:45	7:30	6:45	10:15	9:30	7:00	0:15	7:45	6:15	9:15	2:30	7:45			
% of class		5.3%	1.8%	2.3%	4.6%	3.4%	2.8%	4.2%	8.3%	2.2%	3.7%	2.2%	1.8%			
PM PEAK		4	144	36	8	17	16	2	3	20	9	5	215			
period		12:15	16:00	16:45	15:45	14:30	15:15	15:30	12:30	12:00	15:30	15:00	15:30			
% of class		4.2%	2.6%	2.4%	3.1%	3.4%	2.7%	8.3%	12.5%	2.6%	3.7%	5.4%	2.2%			

		Volume	Percentage
Total Volu	Daytime (0700 - 2300)	8372	86%
	Nighttime (2300 - 0600)	1342	14%
Total Medi		761.00	
Total Heav		1769.00	
Medium Tr		8%	
Heavy Tru		18%	

*highest truck percentages for the three days of data

APPENDIX B

ENVIRONMENTAL NOISE GUIDELINES

APPENDIX B
ENVIRONMENTAL NOISE GUIDELINES
MINISTRY OF THE ENVIRONMENT, CONSERVATION AND PARKS (MECP)

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

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

.../cont'd

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

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

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

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

APPENDIX C

SAMPLE CALCULATION TRANSPORTATION SOURCES

STAMSON 5.0 NORMAL REPORT Date: 10-10-2024 16:20:52
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r2.te Time Period: Day/Night 16/8 hours
Description: **Northwest Corner (West Facade)**

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

Car traffic volume : 15449/3391 veh/TimePeriod *
Medium truck volume : 1130/248 veh/TimePeriod *
Heavy truck volume : 2261/496 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): 18848
Percentage of Annual Growth : 2.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 6.00
Heavy Truck % of Total Volume : 12.00
Day (16 hrs) % of Total Volume : 82.00

Data for Segment # 1: Coleraine Dr (day/night)

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 48.00 / 48.00 m
Receiver height : 5.87 / 5.87 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

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

Car traffic volume : 8435/1260 veh/TimePeriod *
Medium truck volume : 912/136 veh/TimePeriod *
Heavy truck volume : 2052/307 veh/TimePeriod *
Posted speed limit : 90 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): 10748
Percentage of Annual Growth : 2.00
Number of Years of Growth : 10.00
Medium Truck % of Total Volume : 8.00
Heavy Truck % of Total Volume : 18.00
Day (16 hrs) % of Total Volume : 87.00

Data for Segment # 2: Mayfield Rd (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 : 495.00 / 495.00 m
Receiver height : 5.87 / 5.87 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Results segment # 1: Coleraine Dr (day)

Source height = 1.86 m

ROAD (0.00 + 67.09 + 0.00) = 67.09 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj
--------	--------	-------	--------	-------	-------	-------	-------	-------	-------

SubLeq

--
-90 90 0.52 75.97 0.00 -7.67 -1.21 0.00 0.00 0.00
67.09

--

Segment Leq : 67.09 dBA

Results segment # 2: Mayfield Rd (day)

Source height = 2.06 m

ROAD (0.00 + 48.93 + 0.00) = 48.93 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj
--------	--------	-------	--------	-------	-------	-------	-------	-------	-------

SubLeq

--
0 90 0.51 76.10 0.00 -22.96 -4.21 0.00 0.00 0.00
48.93

--

Segment Leq : 48.93 dBA

Total Leq All Segments: 67.16 dBA

Results segment # 1: Coleraine Dr (night)

Source height = 1.86 m

ROAD (0.00 + 63.52 + 0.00) = 63.52 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj
--------	--------	-------	--------	-------	-------	-------	-------	-------	-------

SubLeq

--
-90 90 0.52 72.39 0.00 -7.67 -1.21 0.00 0.00 0.00
63.52

--

Segment Leq : 63.52 dBA

Results segment # 2: Mayfield Rd (night)

Source height = 2.06 m

ROAD (0.00 + 43.68 + 0.00) = 43.68 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj
--------	--------	-------	--------	-------	-------	-------	-------	-------	-------

SubLeq

--
0 90 0.51 70.85 0.00 -22.96 -4.21 0.00 0.00 0.00
43.68

--

Segment Leq : 43.68 dBA

Total Leq All Segments: 63.56 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 67.16
(NIGHT): 63.56

APPENDIX D

SAMPLE CALCULATION

STATIONARY SOURCES

Point Sources

Name	Sel.	M.	ID	Result. PWL			Lw / Li		Correction			Sound Reduction		Attenuation	Operating Time			K0	Freq.	Direct.	Height	Coordinates		
				Day (dBA)	Evening (dBA)	Night (dBA)	Type	Value	norm.	Day (dB(A))	Evening (dB(A))	Night (dB(A))	R		Area (m²)	Day (min)	Special (min)					Night (min)	X (m)	Y (m)
HTIdle>Loading01			HTIdle>Loading01	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603765.07	4855226.48	2.40
HTIdle>Loading02			HTIdle>Loading02	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603768.41	4855223.64	2.40
HTIdle>Parking01			HTIdle>Parking01	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	5.00	5.00	0.0	(none)	2.40	r	17603788.75	4855256.14	2.40
HTIdle>Parking02			HTIdle>Parking02	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	5.00	5.00	0.0	(none)	2.40	r	17603816.25	4855240.60	2.40
HTIdle>Parking03			HTIdle>Parking03	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	5.00	0.00	0.0	(none)	2.40	r	17603797.38	4855266.83	2.40
HTIdle>Parking04			HTIdle>Parking04	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	5.00	0.00	0.0	(none)	2.40	r	17603824.38	4855251.78	2.40
HTIdle>Parking05			HTIdle>Parking05	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	5.00	0.00	0.0	(none)	2.40	r	17603807.01	4855277.84	2.40
HTIdle>Parking06			HTIdle>Parking06	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603833.55	4855262.30	2.40
HTIdle>Parking07			HTIdle>Parking07	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603815.21	4855288.42	2.40
HTIdle>Parking08			HTIdle>Parking08	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603842.85	4855273.15	2.40
HTIdle>Parking09			HTIdle>Parking09	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603824.32	4855299.28	2.40
HTIdle>Parking10			HTIdle>Parking10	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603851.62	4855283.84	2.40
HTIdle>Parking11			HTIdle>Parking11	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603833.21	4855310.65	2.40
HTIdle>Parking12			HTIdle>Parking12	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603860.83	4855294.46	2.40
HTIdle>Parking13			HTIdle>Parking13	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603841.41	4855320.44	2.40
HTIdle>Parking14			HTIdle>Parking14	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603869.82	4855305.51	2.40
HTIdle>Parking15			HTIdle>Parking15	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603849.61	4855332.19	2.40
HTIdle>Parking16			HTIdle>Parking16	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603878.36	4855316.42	2.40
HTIdle>Parking17			HTIdle>Parking17	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603858.88	4855343.46	2.40
HTIdle>Parking18			HTIdle>Parking18	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603887.57	4855327.03	2.40
HTIdle>Parking19			HTIdle>Parking19	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603867.61	4855354.84	2.40
HTIdle>Parking20			HTIdle>Parking20	100.9	100.9	100.9	Lw	HvyTrk_Idle	0.0	0.0	0.0				5.00	0.00	0.00	0.0	(none)	2.40	r	17603896.25	4855338.02	2.40
Loading01	~		Loading01	108.1	111.1	111.1	Lw	Loading	-3.0	0.0	0.0				60.00	0.00	0.00	0.0	(none)	2.00	r	17603756.98	4855216.07	2.00
Loading02	~		Loading02	108.1	111.1	111.1	Lw	Loading	-3.0	0.0	0.0				60.00	0.00	0.00	0.0	(none)	2.00	r	17603760.23	4855213.36	2.00
HVAC01			HVAC01	88.3	88.3	88.3	Lw	LGH120	0.0	0.0	0.0				60.00	60.00	30.00	0.0	(none)	1.80	g	17603734.46	4855189.05	12.30
HVAC02			HVAC02	88.3	88.3	88.3	Lw	LGH120	0.0	0.0	0.0				60.00	60.00	30.00	0.0	(none)	1.80	g	17603738.82	4855185.31	12.30
HVAC03			HVAC03	88.3	88.3	88.3	Lw	LGH120	0.0	0.0	0.0				60.00	60.00	30.00	0.0	(none)	1.80	g	17603742.76	4855181.51	12.30

Line Sources

Name	Sel.	M.	ID	Result. PWL			Result. PWL'		Lw / Li		Correction			Sound Reduction	Attenuation	Operating Time			K0	Freq.	Direct.	Moving Pt. Src			
				Day (dBA)	Evening (dBA)	Night (dBA)	Day (dBA)	Evening (dBA)	Night (dBA)	Type	Value	norm.	Day (dB(A))			Evening (dB(A))	Night (dB(A))	R				Area (m²)	Day (min)	Special (min)	Night (min)
HTMove>Loading			HTMove>Loading	91.2	-11.8	-11.8	66.1	-36.9	-36.9	PWL-Pt	HvyTrk_20kph	0.0	0.0	0.0					0.0	(none)	2.0	0.0	0.0	20.0	
HTMove>Repair			HTMove>Repair	92.4	-14.6	-14.6	70.1	-36.9	-36.9	PWL-Pt	HvyTrk_20kph	0.0	0.0	0.0					0.0	(none)	5.0	0.0	0.0	20.0	
HTMove>Parking			HTMove>Parking	100.5	94.5	90.5	76.1	70.1	66.1	PWL-Pt	HvyTrk_20kph	0.0	0.0	0.0					0.0	(none)	20.0	5.0	2.0	20.0	
TrailerCoupling01	~		TrailerCoupling	111.8	111.8	111.8	93.3	93.3	93.3	Lw	Coupling	-3.0	-3.0	-3.0					0.0	(none)					
TrailerCoupling02	~		TrailerCoupling	111.8	111.8	111.8	92.9	92.9	92.9	Lw	Coupling	-3.0	-3.0	-3.0					0.0	(none)					

Sound Level Library

Name	ID	Type	Octave Spectrum (dB)												Source		
			Weight.	31.5	63	125	250	500	1000	2000	4000	8000	A	lin			
Loading/Unloading Impulse	Loading	Lw		120.3	115.7	114.0	109.4	108.7	105.2	102.8	100.4	96.5	111.1	122.8	9/14/2011 VCL Measurements (111-319)		
Coupling/Uncoupling Impulse	Coupling	Lw		110.8	107.8	108.1	110.8	112.9	111.2	105.3	100.5	95.6	114.8	118.7	1/15/2013 VCL Meas (112-193) norm to 114.8 meas		
Heavy truck idling	HvyTrk_Idle	Lw		101.1	100.6	98.3	94.2	96.9	97.0	94.2	87.4	81.6	100.9	106.7	VCL Data (69 dBA at 15m)		
Heavy truck movement - 20 kph	HvyTrk_20kph	Lw				111.8	110.3	106.4	102.6	97.7	97.7	95.6	92.1	106.1	115.3	TNM Appendix A (75 dBA @ 15m)	
Lennox LGH120 - 10T	LGH120	Lw				92.1	87.6	87.2	83.0	77.8	72.0	67.1	88.3	94.8	Manufacturer's data		

Calculation Configuration

Configuration	
Parameter	Value
General	
Max. Error (dB)	0.00
Max. Search Radius (m)	2000.00
Min. Dist Src to Rcvr	0.00
Partition	
Raster Factor	0.50
Max. Length of Section (m)	1000.00
Min. Length of Section (m)	1.00
Min. Length of Section (%)	0.00
Proj. Line Sources	On
Proj. Area Sources	On
Ref. Time	

Configuration	
Parameter	Value
Daytime Penalty (dB)	0.00
Recr. Time Penalty (dB)	6.00
Night-time Penalty (dB)	10.00
DTM	
Standard Height (m)	0.00
Model of Terrain	Triangulation
Reflection	
max. Order of Reflection	2
Search Radius Src	100.00
Search Radius Rcvr	100.00
Max. Distance Source - Rcvr	1000.00 1000.00
Min. Distance Rcvr - Reflector	1.00 1.00
Min. Distance Source - Reflector	0.10
Industrial (ISO 9613 (1996))	
Lateral Diffraction	some Obj
Obst. within Area Src do not shield	On
Screening	Excl. Ground Att. over Barrier
	Dz with limit (20/25)
Barrier Coefficients C1,2,3	3.0 20.0 0.0
Temperature (°C)	10
rel. Humidity (%)	70
Ground Absorption G	0.00
Wind Speed for Dir. (m/s)	3.0
Roads (RLS-90)	
Strictly acc. to RLS-90	
Railways (FTA/FRA)	
Aircraft (???)	
Strictly acc. to AzB	

Receiver
 Name: R02
 ID: R02
 X: 17603623.19 m
 Y: 4855294.89 m
 Z: 2.50 m

Line Source, ISO 9613, Name: "HTMove_Parking", ID: "HTMove_Parking"																					
Nr.	X (m)	Y (m)	Z (m)	Refl.	DEN	Freq. (Hz)	Lw dB(A)	l/a dB	Optime dB	K0 (dB)	Di (dB)	Adiv (dB)	Aatm (dB)	Agr (dB)	Afol (dB)	Ahous (dB)	Abar (dB)	Cmet (dB)	RL (dB)	Lr dB(A)	
3	17603816.24	4855270.27	2.40	0	D	A	76.1	17.3	0.0	0.0	0.0	56.8	1.2	-0.9	0.0	0.0	0.0	0.0	0.0	36.3	
3	17603816.24	4855270.27	2.40	0	N	A	66.1	17.3	0.0	0.0	0.0	56.8	1.2	-0.9	0.0	0.0	0.0	0.0	0.0	26.3	
3	17603816.24	4855270.27	2.40	0	E	A	70.1	17.3	0.0	0.0	0.0	56.8	1.2	-0.9	0.0	0.0	0.0	0.0	0.0	30.3	
5	17603861.25	4855326.62	2.40	0	D	A	76.1	19.6	0.0	0.0	0.0	58.6	1.4	-1.1	0.0	0.0	0.0	0.0	0.0	36.7	
5	17603861.25	4855326.62	2.40	0	N	A	66.1	19.6	0.0	0.0	0.0	58.6	1.4	-1.1	0.0	0.0	0.0	0.0	0.0	26.7	
5	17603861.25	4855326.62	2.40	0	E	A	70.1	19.6	0.0	0.0	0.0	58.6	1.4	-1.1	0.0	0.0	0.0	0.0	0.0	30.7	
11	17603725.51	4855194.06	2.40	0	D	A	76.1	14.9	0.0	0.0	0.0	54.1	1.0	-0.2	0.0	0.0	4.7	0.0	0.0	31.3	
11	17603725.51	4855194.06	2.40	0	N	A	66.1	14.9	0.0	0.0	0.0	54.1	1.0	-0.2	0.0	0.0	4.7	0.0	0.0	21.3	
11	17603725.51	4855194.06	2.40	0	E	A	70.1	14.9	0.0	0.0	0.0	54.1	1.0	-0.2	0.0	0.0	4.7	0.0	0.0	25.3	
14	17603750.02	4855221.07	2.40	0	D	A	76.1	16.3	0.0	0.0	0.0	54.3	1.0	-0.1	0.0	0.0	0.0	0.0	0.0	37.2	
14	17603750.02	4855221.07	2.40	0	N	A	66.1	16.3	0.0	0.0	0.0	54.3	1.0	-0.1	0.0	0.0	0.0	0.0	0.0	27.2	
14	17603750.02	4855221.07	2.40	0	E	A	70.1	16.3	0.0	0.0	0.0	54.3	1.0	-0.1	0.0	0.0	0.0	0.0	0.0	31.1	
18	17603727.59	4855196.36	2.40	1	D	A	76.1	13.9	0.0	0.0	0.0	54.5	1.0	-0.3	0.0	0.0	10.5	0.0	2.0	22.3	
18	17603727.59	4855196.36	2.40	1	N	A	66.1	13.9	0.0	0.0	0.0	54.5	1.0	-0.3	0.0	0.0	10.5	0.0	2.0	12.3	
18	17603727.59	4855196.36	2.40	1	E	A	70.1	13.9	0.0	0.0	0.0	54.5	1.0	-0.3	0.0	0.0	10.5	0.0	2.0	16.2	
21	17603740.50	4855210.58	2.40	1	D	A	76.1	11.4	0.0	0.0	0.0	54.5	1.0	-0.2	0.0	0.0	0.0	0.0	2.0	30.2	
21	17603740.50	4855210.58	2.40	1	N	A	66.1	11.4	0.0	0.0	0.0	54.5	1.0	-0.2	0.0	0.0	0.0	0.0	2.0	20.2	
21	17603740.50	4855210.58	2.40	1	E	A	70.1	11.4	0.0	0.0	0.0	54.5	1.0	-0.2	0.0	0.0	0.0	0.0	2.0	24.1	
24	17603724.35	4855192.79	2.40	2	D	A	76.1	5.2	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.8	0.0	81.1	-74.7	
24	17603724.35	4855192.79	2.40	2	N	A	66.1	5.2	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.8	0.0	81.1	-84.7	
24	17603724.35	4855192.79	2.40	2	E	A	70.1	5.2	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.8	0.0	81.1	-80.7	
27	17603728.90	4855197.80	2.40	2	D	A	76.1	10.1	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.4	0.0	80.8	-69.1	
27	17603728.90	4855197.80	2.40	2	N	A	66.1	10.1	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.4	0.0	80.8	-79.1	
27	17603728.90	4855197.80	2.40	2	E	A	70.1	10.1	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.4	0.0	80.8	-75.1	
29	17603736.97	4855206.69	2.40	2	D	A	76.1	11.4	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	8.4	0.0	79.9	-66.0	
29	17603736.97	4855206.69	2.40	2	N	A	66.1	11.4	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	8.4	0.0	79.9	-76.0	
29	17603736.97	4855206.69	2.40	2	E	A	70.1	11.4	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	8.4	0.0	79.9	-72.0	
50	17603781.87	4855243.04	2.40	0	D	A	76.1	15.7	0.0	0.0	0.0	55.5	1.1	-0.5	0.0	0.0	0.0	0.0	0.0	35.8	
50	17603781.87	4855243.04	2.40	0	N	A	66.1	15.7	0.0	0.0	0.0	55.5	1.1	-0.5	0.0	0.0	0.0	0.0	0.0	25.8	
50	17603781.87	4855243.04	2.40	0	E	A	70.1	15.7	0.0	0.0	0.0	55.5	1.1	-0.5	0.0	0.0	0.0	0.0	0.0	29.8	
57	17603709.86	4855171.69	2.40	0	D	A	76.1	13.9	0.0	0.0	0.0	54.6	1.0	-0.2	0.0	0.0	7.4	0.0	0.0	27.3	
57	17603709.86	4855171.69	2.40	0	N	A	66.1	13.9	0.0	0.0	0.0	54.6	1.0	-0.2	0.0	0.0	7.4	0.0	0.0	17.3	
57	17603709.86	4855171.69	2.40	0	E	A	70.1	13.9	0.0	0.0	0.0	54.6	1.0	-0.2	0.0	0.0	7.4	0.0	0.0	21.2	
60	17603705.11	4855161.90	2.40	1	D	A	76.1	4.3	0.0	0.0	0.0	58.4	1.4	-0.7	0.0	0.0	11.9	0.0	5.5	3.9	
60	17603705.11	4855161.90	2.40	1	N	A	66.1	4.3	0.0	0.0	0.0	58.4	1.4	-0.7	0.0	0.0	11.9	0.0	5.5	-6.1	
60	17603705.11	4855161.90	2.40	1	E	A	70.1	4.3	0.0	0.0	0.0	58.4	1.4	-0.7	0.0	0.0	11.9	0.0	5.5	-2.1	
64	17603706.89	4855165.56	2.40	1	D	A	76.1	7.4	0.0	0.0	0.0	58.3	1.4	-0.7	0.0	0.0	11.3	0.0	5.3	7.9	
64	17603706.89	4855165.56	2.40	1	N	A	66.1	7.4	0.0	0.0	0.0	58.3	1.4	-0.7	0.0	0.0	11.3	0.0	5.3	-2.1	
64	17603706.89	4855165.56	2.40	1	E	A	70.1	7.4	0.0	0.0	0.0	58.3	1.4	-0.7	0.0	0.0	11.3	0.0	5.3	1.9	
67	17603708.14	4855168.15	2.40	1	D	A	76.1	-5.2	0.0	0.0	0.0	58.2	1.4	-0.8	0.0	0.0	10.7	0.0	5.2	-3.7	
67	17603708.14	4855168.15	2.40	1	N	A	66.1	-5.2	0.0	0.0	0.0	58.2	1.4	-0.8	0.0	0.0	10.7	0.0	5.2	-13.7	
67	17603708.14	4855168.15	2.40	1	E	A	70.1	-5.2	0.0	0.0	0.0	58.2	1.4	-0.8	0.0	0.0	10.7	0.0	5.2	-9.7	
74	17603705.54	4855162.78	2.40	2	D	A	76.1	6.6	0.0	0.0	0.0	65.4	2.4	-0.4	0.0	0.0	11.6	0.0	19.8	-16.1	
74	17603705.54	4855162.78	2.40	2	N	A	66.1	6.6	0.0	0.0	0.0	65.4	2.4	-0.4	0.0	0.0	11.6	0.0	19.8	-26.1	
74	17603705.54	4855162.78	2.40	2	E	A	70.1	6.6	0.0	0.0	0.0	65.4	2.4	-0.4	0.0	0.0	11.6	0.0	19.8	-22.1	
77	17603706.88	4855165.55	2.40	2	D	A	76.1	2.0	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.7	0.0	19.7	-20.3	
77	17603706.88	4855165.55	2.40	2	N	A	66.1	2.0	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.7	0.0	19.7	-30.3	
77	17603706.88	4855165.55	2.40	2	E	A	70.1	2.0	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.7	0.0	19.7	-26.4	
80	17603708.14	4855168.15	2.40	2	D	A	76.1	6.2	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.5	0.0	19.6	-15.9	
80	17603708.14	4855168.15	2.40	2	N	A	66.1	6.2	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.5	0.0	19.6	-25.9	
80	17603708.14	4855168.15	2.40	2	E	A	70.1	6.2	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.5	0.0	19.6	-21.9	
83	17603710.79	4855173.60	2.40	2	D	A	76.1	9.0	0.0	0.0	0.0	65.3	2.4	-0.7	0.0	0.0	11.2	0.0	19.5	-12.5	
83	17603710.79	4855173.60	2.40	2	N	A	66.1	9.0	0.0	0.0	0.0	65.3	2.4	-0.7	0.0	0.0	11.2	0.0	19.5	-22.5	

Line Source, ISO 9613, Name: "HTMove_Parking", ID: "HTMove_Parking"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
83	17603710.79	4855173.60	2.40	2	E	A	70.1	9.0	0.0	0.0	0.0	65.3	2.4	-0.7	0.0	0.0	11.2	0.0	19.5	-18.5
86	17603712.86	4855177.88	2.40	2	D	A	76.1	2.0	0.0	0.0	0.0	65.3	2.4	-0.8	0.0	0.0	10.8	0.0	19.2	-18.9
86	17603712.86	4855177.88	2.40	2	N	A	66.1	2.0	0.0	0.0	0.0	65.3	2.4	-0.8	0.0	0.0	10.8	0.0	19.2	-28.9
86	17603712.86	4855177.88	2.40	2	E	A	70.1	2.0	0.0	0.0	0.0	65.3	2.4	-0.8	0.0	0.0	10.8	0.0	19.2	-24.9
88	17603713.97	4855180.17	2.40	2	D	A	76.1	5.5	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.6	0.0	19.1	-15.0
88	17603713.97	4855180.17	2.40	2	N	A	66.1	5.5	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.6	0.0	19.1	-25.0
88	17603713.97	4855180.17	2.40	2	E	A	70.1	5.5	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.6	0.0	19.1	-21.0

Point Source, ISO 9613, Name: "HTIdle_Parking01", ID: "HTIdle_Parking01"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
7	17603788.75	4855256.14	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	55.6	1.0	-1.1	0.0	0.0	0.0	0.0	0.0	34.5
7	17603788.75	4855256.14	2.40	0	N	A	100.9	0.0	-10.8	0.0	0.0	55.6	1.0	-1.1	0.0	0.0	0.0	0.0	0.0	34.5
7	17603788.75	4855256.14	2.40	0	E	A	100.9	0.0	-10.8	0.0	0.0	55.6	1.0	-1.1	0.0	0.0	0.0	0.0	0.0	34.5

Point Source, ISO 9613, Name: "HTIdle_Parking02", ID: "HTIdle_Parking02"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
34	17603816.25	4855240.60	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	57.0	1.2	-1.9	0.0	0.0	0.0	0.0	0.0	33.7
34	17603816.25	4855240.60	2.40	0	N	A	100.9	0.0	-10.8	0.0	0.0	57.0	1.2	-1.9	0.0	0.0	0.0	0.0	0.0	33.7
34	17603816.25	4855240.60	2.40	0	E	A	100.9	0.0	-10.8	0.0	0.0	57.0	1.2	-1.9	0.0	0.0	0.0	0.0	0.0	33.7

Point Source, ISO 9613, Name: "HVAC01", ID: "HVAC01"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
39	17603734.46	4855189.05	12.30	0	D	A	88.3	0.0	0.0	0.0	0.0	54.7	0.6	-1.4	0.0	0.0	4.3	0.0	0.0	30.1
39	17603734.46	4855189.05	12.30	0	N	A	88.3	0.0	-3.0	0.0	0.0	54.7	0.6	-1.4	0.0	0.0	4.3	0.0	0.0	27.1
39	17603734.46	4855189.05	12.30	0	E	A	88.3	0.0	0.0	0.0	0.0	54.7	0.6	-1.4	0.0	0.0	4.3	0.0	0.0	30.1

Point Source, ISO 9613, Name: "HVAC02", ID: "HVAC02"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
44	17603738.82	4855185.31	12.30	0	D	A	88.3	0.0	0.0	0.0	0.0	55.1	0.6	-1.4	0.0	0.0	4.2	0.0	0.0	29.8
44	17603738.82	4855185.31	12.30	0	N	A	88.3	0.0	-3.0	0.0	0.0	55.1	0.6	-1.4	0.0	0.0	4.2	0.0	0.0	26.8
44	17603738.82	4855185.31	12.30	0	E	A	88.3	0.0	0.0	0.0	0.0	55.1	0.6	-1.4	0.0	0.0	4.2	0.0	0.0	29.8

Point Source, ISO 9613, Name: "HVAC03", ID: "HVAC03"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
47	17603742.76	4855181.51	12.30	0	D	A	88.3	0.0	0.0	0.0	0.0	55.4	0.6	-1.4	0.0	0.0	4.2	0.0	0.0	29.5
47	17603742.76	4855181.51	12.30	0	N	A	88.3	0.0	-3.0	0.0	0.0	55.4	0.6	-1.4	0.0	0.0	4.2	0.0	0.0	26.5
47	17603742.76	4855181.51	12.30	0	E	A	88.3	0.0	0.0	0.0	0.0	55.4	0.6	-1.4	0.0	0.0	4.2	0.0	0.0	29.5

Point Source, ISO 9613, Name: "HTIdle_Parking03", ID: "HTIdle_Parking03"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
53	17603797.38	4855266.83	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	55.9	1.1	-1.1	0.0	0.0	0.0	0.0	0.0	34.2
53	17603797.38	4855266.83	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	55.9	1.1	-1.1	0.0	0.0	0.0	0.0	0.0	-143.0
53	17603797.38	4855266.83	2.40	0	E	A	100.9	0.0	-10.8	0.0	0.0	55.9	1.1	-1.1	0.0	0.0	0.0	0.0	0.0	34.2

Point Source, ISO 9613, Name: "HTIdle_Parking05", ID: "HTIdle_Parking05"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
55	17603807.01	4855277.84	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	56.3	1.1	-1.2	0.0	0.0	0.0	0.0	0.0	33.8
55	17603807.01	4855277.84	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	56.3	1.1	-1.2	0.0	0.0	0.0	0.0	0.0	-143.4
55	17603807.01	4855277.84	2.40	0	E	A	100.9	0.0	-10.8	0.0	0.0	56.3	1.1	-1.2	0.0	0.0	0.0	0.0	0.0	33.8

Point Source, ISO 9613, Name: "HTIdle_Parking04", ID: "HTIdle_Parking04"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
91	17603824.38	4855251.78	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	57.3	1.2	-1.9	0.0	0.0	0.0	0.0	0.0	33.5
91	17603824.38	4855251.78	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	57.3	1.2	-1.9	0.0	0.0	0.0	0.0	0.0	-143.7
91	17603824.38	4855251.78	2.40	0	E	A	100.9	0.0	-10.8	0.0	0.0	57.3	1.2	-1.9	0.0	0.0	0.0	0.0	0.0	33.5

Point Source, ISO 9613, Name: "HTIdle_Loading01", ID: "HTIdle_Loading01"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
93	17603765.07	4855226.48	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	54.9	1.0	-1.0	0.0	0.0	0.0	0.0	0.0	35.2
93	17603765.07	4855226.48	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	54.9	1.0	-1.0	0.0	0.0	0.0	0.0	0.0	-142.0
93	17603765.07	4855226.48	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	54.9	1.0	-1.0	0.0	0.0	0.0	0.0	0.0	-142.0

Point Source, ISO 9613, Name: "HTIdle_Loading02", ID: "HTIdle_Loading02"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
96	17603768.41	4855223.64	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	55.2	1.0	-1.1	0.0	0.0	0.0	0.0	0.0	35.0
96	17603768.41	4855223.64	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	55.2	1.0	-1.1	0.0	0.0	0.0	0.0	0.0	-142.2
96	17603768.41	4855223.64	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	55.2	1.0	-1.1	0.0	0.0	0.0	0.0	0.0	-142.2

Line Source, ISO 9613, Name: "HTMove_Repair", ID: "HTMove_Repair"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
99	17603724.14	4855193.50	2.40	0	D	A	70.1	15.2	0.0	0.0	0.0	54.1	1.0	-0.2	0.0	0.0	4.9	0.0	0.0	25.5
99	17603724.14	4855193.50	2.40	0	N	A	-36.9	15.2	0.0	0.0	0.0	54.1	1.0	-0.2	0.0	0.0	4.9	0.0	0.0	-81.5
99	17603724.14	4855193.50	2.40	0	E	A	-36.9	15.2	0.0	0.0	0.0	54.1	1.0	-0.2	0.0	0.0	4.9	0.0	0.0	-81.5
102	17603747.14	4855219.75	2.40	0	D	A	70.1	15.6	0.0	0.0	0.0	54.2	1.0	-0.1	0.0	0.0	0.0	0.0	0.0	30.6
102	17603747.14	4855219.75	2.40	0	N	A	-36.9	15.6	0.0	0.0	0.0	54.2	1.0	-0.1	0.0	0.0	0.0	0.0	0.0	-76.4
102	17603747.14	4855219.75	2.40	0	E	A	-36.9	15.6	0.0	0.0	0.0	54.2	1.0	-0.1	0.0	0.0	0.0	0.0	0.0	-76.4
107	17603727.03	4855196.79	2.40	1	D	A	70.1	13.9	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	10.5	0.0	2.0	16.2
107	17603727.03	4855196.79	2.40	1	N	A	-36.9	13.9	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	10.5	0.0	2.0	-90.8
107	17603727.03	4855196.79	2.40	1	E	A	-36.9	13.9	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	10.5	0.0	2.0	-90.8
110	17603739.74	4855211.31	2.40	1	D	A	70.1	11.4	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	0.0	0.0	2.0	24.1
110	17603739.74	4855211.31	2.40	1	N	A	-36.9	11.4	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	0.0	0.0	2.0	-82.8
110	17603739.74	4855211.31	2.40	1	E	A	-36.9	11.4	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	0.0	0.0	2.0	-82.8
119	17603723.86	4855193.18	2.40	2	D	A	70.1	5.2	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.8	0.0	81.1	-80.7
119	17603723.86	4855193.18	2.40	2	N	A	-36.9	5.2	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.8	0.0	81.1	-187.7
119	17603723.86	4855193.18	2.40	2	E	A	-36.9	5.2	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.8	0.0	81.1	-187.7
123	17603728.31	4855198.26	2.40	2	D	A	70.1	10.1	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.4	0.0	80.8	-75.0
123	17603728.31	4855198.26	2.40	2	N	A	-36.9	10.1	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.4	0.0	80.8	-182.0
123	17603728.31	4855198.26	2.40	2	E	A	-36.9	10.1	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.4	0.0	80.8	-182.0
125	17603736.19	4855207.25	2.40	2	D	A	70.1	11.4	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	8.4	0.0	79.8	-71.9
125	17603736.19	4855207.25	2.40	2	N	A	-36.9	11.4	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	8.4	0.0	79.8	-178.9
125	17603736.19	4855207.25	2.40	2	E	A	-36.9	11.4	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	8.4	0.0	79.8	-178.9
129	17603713.74	4855181.62	2.40	2	D	A	70.1	2.3	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.5	0.0	19.1	-24.0
129	17603713.74	4855181.62	2.40	2	N	A	-36.9	2.3	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.5	0.0	19.1	-131.0
129	17603713.74	4855181.62	2.40	2	E	A	-36.9	2.3	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.5	0.0	19.1	-131.0
256	17603709.29	4855170.69	2.40	0	D	A	70.1	13.4	0.0	0.0	0.0	54.6	1.0	-0.2	0.0	0.0	7.4	0.0	0.0	20.7
256	17603709.29	4855170.69	2.40	0	N	A	-36.9	13.4	0.0	0.0	0.0	54.6	1.0	-0.2	0.0	0.0	7.4	0.0	0.0	-86.3
256	17603709.29	4855170.69	2.40	0	E	A	-36.9	13.4	0.0	0.0	0.0	54.6	1.0	-0.2	0.0	0.0	7.4	0.0	0.0	-86.3
258	17603705.80	4855161.43	2.40	1	D	A	70.1	3.4	0.0	0.0	0.0	58.4	1.4	-0.7	0.0	0.0	11.9	0.0	5.5	-3.0
258	17603705.80	4855161.43	2.40	1	N	A	-36.9	3.4	0.0	0.0	0.0	58.4	1.4	-0.7	0.0	0.0	11.9	0.0	5.5	-110.0
258	17603705.80	4855161.43	2.40	1	E	A	-36.9	3.4	0.0	0.0	0.0	58.4	1.4	-0.7	0.0	0.0	11.9	0.0	5.5	-110.0
260	17603707.20	4855165.15	2.40	1	D	A	70.1	7.6	0.0	0.0	0.0	58.3	1.4	-0.7	0.0	0.0	11.3	0.0	5.3	2.1
260	17603707.20	4855165.15	2.40	1	N	A	-36.9	7.6	0.0	0.0	0.0	58.3	1.4	-0.7	0.0	0.0	11.3	0.0	5.3	-104.9
260	17603707.20	4855165.15	2.40	1	E	A	-36.9	7.6	0.0	0.0	0.0	58.3	1.4	-0.7	0.0	0.0	11.3	0.0	5.3	-104.9
264	17603708.27	4855167.98	2.40	1	D	A	70.1	-4.9	0.0	0.0	0.0	58.3	1.4	-0.8	0.0	0.0	10.7	0.0	5.2	-9.5
264	17603708.27	4855167.98	2.40	1	N	A	-36.9	-4.9	0.0	0.0	0.0	58.3	1.4	-0.8	0.0	0.0	10.7	0.0	5.2	-116.5
264	17603708.27	4855167.98	2.40	1	E	A	-36.9	-4.9	0.0	0.0	0.0	58.3	1.4	-0.8	0.0	0.0	10.7	0.0	5.2	-116.5
268	17603706.16	4855162.39	2.40	2	D	A	70.1	6.3	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.8	0.0	19.8	-22.4
268	17603706.16	4855162.39	2.40	2	N	A	-36.9	6.3	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.8	0.0	19.8	-129.3
268	17603706.16	4855162.39	2.40	2	E	A	-36.9	6.3	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.8	0.0	19.8	-129.3
273	17603707.21	4855165.17	2.40	2	D	A	70.1	2.2	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.7	0.0	19.7	-26.2
273	17603707.21	4855165.17	2.40	2	N	A	-36.9	2.2	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.7	0.0	19.7	-133.2
273	17603707.21	4855165.17	2.40	2	E	A	-36.9	2.2	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.7	0.0	19.7	-133.2
276	17603708.27	4855168.00	2.40	2	D	A	70.1	6.4	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.5	0.0	19.6	-21.7
276	17603708.27	4855168.00	2.40	2	N	A	-36.9	6.4	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.5	0.0	19.6	-128.7
276	17603708.27	4855168.00	2.40	2	E	A	-36.9	6.4	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.5	0.0	19.6	-128.7
280	17603710.51	4855173.91	2.40	2	D	A	70.1	9.2	0.0	0.0	0.0	65.3	2.4	-0.7	0.0	0.0	11.2	0.0	19.4	-18.3
280	17603710.51	4855173.91	2.40	2	N	A	-36.9	9.2	0.0	0.0	0.0	65.3	2.4	-0.7	0.0	0.0	11.2	0.0	19.4	-125.3
280	17603710.51	4855173.91	2.40	2	E	A	-36.9	9.2	0.0	0.0	0.0	65.3	2.4	-0.7	0.0	0.0	11.2	0.0	19.4	-125.3
283	17603712.26	4855178.54	2.40	2	D	A	70.1	2.1	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.8	0.0	19.2	-24.7

Line Source, ISO 9613, Name: "HTMove_Repair", ID: "HTMove_Repair"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
283	17603712.26	4855178.54	2.40	2	N	A	-36.9	2.1	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.8	0.0	19.2	-131.7
283	17603712.26	4855178.54	2.40	2	E	A	-36.9	2.1	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.8	0.0	19.2	-131.7
289	17603712.86	4855180.15	2.40	2	D	A	70.1	2.5	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.7	0.0	19.2	-24.1
289	17603712.86	4855180.15	2.40	2	N	A	-36.9	2.5	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.7	0.0	19.2	-131.1
289	17603712.86	4855180.15	2.40	2	E	A	-36.9	2.5	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.7	0.0	19.2	-131.1
292	17603795.02	4855215.58	2.40	0	D	A	70.1	8.5	0.0	0.0	0.0	56.5	1.2	-1.3	0.0	0.0	0.0	0.0	0.0	22.2
292	17603795.02	4855215.58	2.40	0	N	A	-36.9	8.5	0.0	0.0	0.0	56.5	1.2	-1.3	0.0	0.0	0.0	0.0	0.0	-84.8
292	17603795.02	4855215.58	2.40	0	E	A	-36.9	8.5	0.0	0.0	0.0	56.5	1.2	-1.3	0.0	0.0	0.0	0.0	0.0	-84.8
294	17603788.17	4855201.34	2.40	0	D	A	70.1	13.9	0.0	0.0	0.0	56.6	1.2	-1.4	0.0	0.0	0.0	0.0	0.0	27.6
294	17603788.17	4855201.34	2.40	0	N	A	-36.9	13.9	0.0	0.0	0.0	56.6	1.2	-1.4	0.0	0.0	0.0	0.0	0.0	-79.4
294	17603788.17	4855201.34	2.40	0	E	A	-36.9	13.9	0.0	0.0	0.0	56.6	1.2	-1.4	0.0	0.0	0.0	0.0	0.0	-79.4
297	17603781.94	4855188.37	2.40	0	D	A	70.1	6.3	0.0	0.0	0.0	56.6	1.2	-1.5	0.0	0.0	6.6	0.0	0.0	13.4
297	17603781.94	4855188.37	2.40	0	N	A	-36.9	6.3	0.0	0.0	0.0	56.6	1.2	-1.5	0.0	0.0	6.6	0.0	0.0	-93.5
297	17603781.94	4855188.37	2.40	0	E	A	-36.9	6.3	0.0	0.0	0.0	56.6	1.2	-1.5	0.0	0.0	6.6	0.0	0.0	-93.5
300	17603770.09	4855233.38	2.40	0	D	A	70.1	13.4	0.0	0.0	0.0	55.0	1.1	-0.4	0.0	0.0	0.0	0.0	0.0	27.7
300	17603770.09	4855233.38	2.40	0	N	A	-36.9	13.4	0.0	0.0	0.0	55.0	1.1	-0.4	0.0	0.0	0.0	0.0	0.0	-79.2
300	17603770.09	4855233.38	2.40	0	E	A	-36.9	13.4	0.0	0.0	0.0	55.0	1.1	-0.4	0.0	0.0	0.0	0.0	0.0	-79.2
302	17603788.79	4855226.03	2.40	0	D	A	70.1	13.3	0.0	0.0	0.0	56.1	1.2	-1.0	0.0	0.0	0.0	0.0	0.0	27.1
302	17603788.79	4855226.03	2.40	0	N	A	-36.9	13.3	0.0	0.0	0.0	56.1	1.2	-1.0	0.0	0.0	0.0	0.0	0.0	-79.9
302	17603788.79	4855226.03	2.40	0	E	A	-36.9	13.3	0.0	0.0	0.0	56.1	1.2	-1.0	0.0	0.0	0.0	0.0	0.0	-79.9

Point Source, ISO 9613, Name: "HTIdle_Parking07", ID: "HTIdle_Parking07"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
138	17603815.21	4855288.42	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	56.7	1.1	-1.2	0.0	0.0	0.0	0.0	0.0	33.5
138	17603815.21	4855288.42	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	56.7	1.1	-1.2	0.0	0.0	0.0	0.0	0.0	-143.7
138	17603815.21	4855288.42	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	56.7	1.1	-1.2	0.0	0.0	0.0	0.0	0.0	-143.7

Point Source, ISO 9613, Name: "HTIdle_Parking09", ID: "HTIdle_Parking09"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
140	17603824.32	4855299.28	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	57.1	1.2	-1.3	0.0	0.0	0.0	0.0	0.0	33.1
140	17603824.32	4855299.28	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	57.1	1.2	-1.3	0.0	0.0	0.0	0.0	0.0	-144.1
140	17603824.32	4855299.28	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	57.1	1.2	-1.3	0.0	0.0	0.0	0.0	0.0	-144.1

Point Source, ISO 9613, Name: "HTIdle_Parking11", ID: "HTIdle_Parking11"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
145	17603833.21	4855310.65	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	57.5	1.2	-1.3	0.0	0.0	0.0	0.0	0.0	32.7
145	17603833.21	4855310.65	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	57.5	1.2	-1.3	0.0	0.0	0.0	0.0	0.0	-144.6
145	17603833.21	4855310.65	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	57.5	1.2	-1.3	0.0	0.0	0.0	0.0	0.0	-144.6

Point Source, ISO 9613, Name: "HTIdle_Parking06", ID: "HTIdle_Parking06"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
150	17603833.55	4855262.30	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	57.6	1.2	-2.0	0.0	0.0	0.0	0.0	0.0	33.2
150	17603833.55	4855262.30	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	57.6	1.2	-2.0	0.0	0.0	0.0	0.0	0.0	-144.0
150	17603833.55	4855262.30	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	57.6	1.2	-2.0	0.0	0.0	0.0	0.0	0.0	-144.0

Point Source, ISO 9613, Name: "HTIdle_Parking13", ID: "HTIdle_Parking13"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
154	17603841.41	4855320.44	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	57.8	1.3	-1.3	0.0	0.0	0.0	0.0	0.0	32.3
154	17603841.41	4855320.44	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	57.8	1.3	-1.3	0.0	0.0	0.0	0.0	0.0	-144.9
154	17603841.41	4855320.44	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	57.8	1.3	-1.3	0.0	0.0	0.0	0.0	0.0	-144.9

Point Source, ISO 9613, Name: "HTIdle_Parking08", ID: "HTIdle_Parking08"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
156	17603842.85	4855273.15	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	57.9	1.3	-2.1	0.0	0.0	0.0	0.0	0.0	33.0
156	17603842.85	4855273.15	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	57.9	1.3	-2.1	0.0	0.0	0.0	0.0	0.0	-144.2
156	17603842.85	4855273.15	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	57.9	1.3	-2.1	0.0	0.0	0.0	0.0	0.0	-144.2

Point Source, ISO 9613, Name: "HTIdle_Parking10", ID: "HTIdle_Parking10"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
158	17603851.62	4855283.84	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	58.2	1.3	-2.1	0.0	0.0	0.0	0.0	0.0	32.7
158	17603851.62	4855283.84	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	58.2	1.3	-2.1	0.0	0.0	0.0	0.0	0.0	-144.5
158	17603851.62	4855283.84	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	58.2	1.3	-2.1	0.0	0.0	0.0	0.0	0.0	-144.5

Point Source, ISO 9613, Name: "HTIdle_Parking15", ID: "HTIdle_Parking15"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
162	17603849.61	4855332.19	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	58.2	1.3	-1.3	0.0	0.0	0.0	0.0	0.0	31.9
162	17603849.61	4855332.19	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	58.2	1.3	-1.3	0.0	0.0	0.0	0.0	0.0	-145.4
162	17603849.61	4855332.19	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	58.2	1.3	-1.3	0.0	0.0	0.0	0.0	0.0	-145.4

Point Source, ISO 9613, Name: "HTIdle_Parking12", ID: "HTIdle_Parking12"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
169	17603860.83	4855294.46	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	58.5	1.4	-2.2	0.0	0.0	0.0	0.0	0.0	32.4
169	17603860.83	4855294.46	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	58.5	1.4	-2.2	0.0	0.0	0.0	0.0	0.0	-144.8
169	17603860.83	4855294.46	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	58.5	1.4	-2.2	0.0	0.0	0.0	0.0	0.0	-144.8

Point Source, ISO 9613, Name: "HTIdle_Parking17", ID: "HTIdle_Parking17"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
173	17603858.88	4855343.46	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	58.6	1.4	-1.4	0.0	0.0	0.0	0.0	0.0	31.4
173	17603858.88	4855343.46	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	58.6	1.4	-1.4	0.0	0.0	0.0	0.0	0.0	-145.8
173	17603858.88	4855343.46	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	58.6	1.4	-1.4	0.0	0.0	0.0	0.0	0.0	-145.8

Point Source, ISO 9613, Name: "HTIdle_Parking14", ID: "HTIdle_Parking14"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
181	17603869.82	4855305.51	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	58.8	1.4	-2.3	0.0	0.0	0.0	0.0	0.0	32.1
181	17603869.82	4855305.51	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	58.8	1.4	-2.3	0.0	0.0	0.0	0.0	0.0	-145.1
181	17603869.82	4855305.51	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	58.8	1.4	-2.3	0.0	0.0	0.0	0.0	0.0	-145.1

Line Source, ISO 9613, Name: "HTMove>Loading", ID: "HTMove>Loading"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
184	17603748.66	4855223.40	2.40	0	D	A	66.1	16.4	0.0	0.0	0.0	54.2	1.0	-0.1	0.0	0.0	0.0	0.0	0.0	27.5
184	17603748.66	4855223.40	2.40	0	N	A	-36.9	16.4	0.0	0.0	0.0	54.2	1.0	-0.1	0.0	0.0	0.0	0.0	0.0	-75.5
184	17603748.66	4855223.40	2.40	0	E	A	-36.9	16.4	0.0	0.0	0.0	54.2	1.0	-0.1	0.0	0.0	0.0	0.0	0.0	-75.5
186	17603722.52	4855192.63	2.40	0	D	A	66.1	15.6	0.0	0.0	0.0	54.1	1.0	-0.2	0.0	0.0	5.1	0.0	0.0	21.8
186	17603722.52	4855192.63	2.40	0	N	A	-36.9	15.6	0.0	0.0	0.0	54.1	1.0	-0.2	0.0	0.0	5.1	0.0	0.0	-81.2
186	17603722.52	4855192.63	2.40	0	E	A	-36.9	15.6	0.0	0.0	0.0	54.1	1.0	-0.2	0.0	0.0	5.1	0.0	0.0	-81.2
189	17603738.99	4855212.02	2.40	1	D	A	66.1	11.4	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	0.0	0.0	2.0	20.2
189	17603738.99	4855212.02	2.40	1	N	A	-36.9	11.4	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	0.0	0.0	2.0	-82.8
189	17603738.99	4855212.02	2.40	1	E	A	-36.9	11.4	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	0.0	0.0	2.0	-82.8
193	17603726.44	4855197.24	2.40	1	D	A	66.1	14.0	0.0	0.0	0.0	54.6	1.0	-0.4	0.0	0.0	10.5	0.0	2.0	12.2
193	17603726.44	4855197.24	2.40	1	N	A	-36.9	14.0	0.0	0.0	0.0	54.6	1.0	-0.4	0.0	0.0	10.5	0.0	2.0	-90.8
193	17603726.44	4855197.24	2.40	1	E	A	-36.9	14.0	0.0	0.0	0.0	54.6	1.0	-0.4	0.0	0.0	10.5	0.0	2.0	-90.8
195	17603735.44	4855207.84	2.40	2	D	A	66.1	11.3	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	8.4	0.0	79.7	-75.7
195	17603735.44	4855207.84	2.40	2	N	A	-36.9	11.3	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	8.4	0.0	79.7	-178.8
195	17603735.44	4855207.84	2.40	2	E	A	-36.9	11.3	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	8.4	0.0	79.7	-178.8
197	17603727.72	4855198.75	2.40	2	D	A	66.1	10.1	0.0	0.0	0.0	63.6	2.1	-0.7	0.0	0.0	9.4	0.0	80.7	-78.9
197	17603727.72	4855198.75	2.40	2	N	A	-36.9	10.1	0.0	0.0	0.0	63.6	2.1	-0.7	0.0	0.0	9.4	0.0	80.7	-181.9
197	17603727.72	4855198.75	2.40	2	E	A	-36.9	10.1	0.0	0.0	0.0	63.6	2.1	-0.7	0.0	0.0	9.4	0.0	80.7	-181.9
199	17603723.34	4855193.59	2.40	2	D	A	66.1	5.1	0.0	0.0	0.0	63.6	2.1	-0.7	0.0	0.0	9.8	0.0	81.0	-84.6
199	17603723.34	4855193.59	2.40	2	N	A	-36.9	5.1	0.0	0.0	0.0	63.6	2.1	-0.7	0.0	0.0	9.8	0.0	81.0	-187.6
199	17603723.34	4855193.59	2.40	2	E	A	-36.9	5.1	0.0	0.0	0.0	63.6	2.1	-0.7	0.0	0.0	9.8	0.0	81.0	-187.6
202	17603712.92	4855181.34	2.40	2	D	A	66.1	5.2	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.6	0.0	19.1	-25.2
202	17603712.92	4855181.34	2.40	2	N	A	-36.9	5.2	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.6	0.0	19.1	-128.2
202	17603712.92	4855181.34	2.40	2	E	A	-36.9	5.2	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.6	0.0	19.1	-128.2
204	17603711.38	4855179.52	2.40	2	D	A	66.1	1.7	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.8	0.0	19.2	-29.1
204	17603711.38	4855179.52	2.40	2	N	A	-36.9	1.7	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.8	0.0	19.2	-132.2
204	17603711.38	4855179.52	2.40	2	E	A	-36.9	1.7	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.8	0.0	19.2	-132.2
210	17603710.78	4855178.82	2.40	2	D	A	66.1	-4.2	0.0	0.0	0.0	65.3	2.3	-0.7	0.0	0.0	10.9	0.0	19.3	-35.1
210	17603710.78	4855178.82	2.40	2	N	A	-36.9	-4.2	0.0	0.0	0.0	65.3	2.3	-0.7	0.0	0.0	10.9	0.0	19.3	-138.1

Line Source, ISO 9613, Name: "HTMove>Loading", ID: "HTMove>Loading"																				
Nr.	X	Y	Z	Ref.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB(A))
210	17603710.78	4855178.82	2.40	2	E	A	-36.9	-4.2	0.0	0.0	0.0	65.3	2.3	-0.7	0.0	0.0	10.9	0.0	19.3	-138.1
217	17603723.59	4855191.96	2.40	0	D	A	66.1	15.6	0.0	0.0	0.0	54.2	1.0	-0.2	0.0	0.0	5.1	0.0	0.0	21.7
217	17603723.59	4855191.96	2.40	0	N	A	-36.9	15.6	0.0	0.0	0.0	54.2	1.0	-0.2	0.0	0.0	5.1	0.0	0.0	-81.3
217	17603723.59	4855191.96	2.40	0	E	A	-36.9	15.6	0.0	0.0	0.0	54.2	1.0	-0.2	0.0	0.0	5.1	0.0	0.0	-81.3
225	17603747.01	4855219.90	2.40	0	D	A	66.1	15.6	0.0	0.0	0.0	54.2	1.0	-0.1	0.0	0.0	0.0	0.0	0.0	26.7
225	17603747.01	4855219.90	2.40	0	N	A	-36.9	15.6	0.0	0.0	0.0	54.2	1.0	-0.1	0.0	0.0	0.0	0.0	0.0	-76.3
225	17603747.01	4855219.90	2.40	0	E	A	-36.9	15.6	0.0	0.0	0.0	54.2	1.0	-0.1	0.0	0.0	0.0	0.0	0.0	-76.3
228	17603727.42	4855196.53	2.40	1	D	A	66.1	13.9	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	10.5	0.0	2.0	12.2
228	17603727.42	4855196.53	2.40	1	N	A	-36.9	13.9	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	10.5	0.0	2.0	-90.8
228	17603727.42	4855196.53	2.40	1	E	A	-36.9	13.9	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	10.5	0.0	2.0	-90.8
231	17603739.78	4855211.28	2.40	1	D	A	66.1	11.4	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	0.0	0.0	2.0	20.2
231	17603739.78	4855211.28	2.40	1	N	A	-36.9	11.4	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	0.0	0.0	2.0	-82.8
231	17603739.78	4855211.28	2.40	1	E	A	-36.9	11.4	0.0	0.0	0.0	54.6	1.0	-0.3	0.0	0.0	0.0	0.0	2.0	-82.8
235	17603724.31	4855192.82	2.40	2	D	A	66.1	5.2	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.8	0.0	81.1	-84.7
235	17603724.31	4855192.82	2.40	2	N	A	-36.9	5.2	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.8	0.0	81.1	-187.7
235	17603724.31	4855192.82	2.40	2	E	A	-36.9	5.2	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.8	0.0	81.1	-187.7
239	17603728.65	4855198.00	2.40	2	D	A	66.1	10.1	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.4	0.0	80.8	-79.1
239	17603728.65	4855198.00	2.40	2	N	A	-36.9	10.1	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.4	0.0	80.8	-182.1
239	17603728.65	4855198.00	2.40	2	E	A	-36.9	10.1	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	9.4	0.0	80.8	-182.1
241	17603736.32	4855207.15	2.40	2	D	A	66.1	11.4	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	8.4	0.0	79.8	-75.9
241	17603736.32	4855207.15	2.40	2	N	A	-36.9	11.4	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	8.4	0.0	79.8	-178.9
241	17603736.32	4855207.15	2.40	2	E	A	-36.9	11.4	0.0	0.0	0.0	63.7	2.1	-0.7	0.0	0.0	8.4	0.0	79.8	-178.9
245	17603712.34	4855178.55	2.40	2	D	A	66.1	1.2	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.8	0.0	19.2	-29.6
245	17603712.34	4855178.55	2.40	2	N	A	-36.9	1.2	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.8	0.0	19.2	-132.6
245	17603712.34	4855178.55	2.40	2	E	A	-36.9	1.2	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.8	0.0	19.2	-132.6
248	17603713.83	4855180.33	2.40	2	D	A	66.1	5.2	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.6	0.0	19.1	-25.2
248	17603713.83	4855180.33	2.40	2	N	A	-36.9	5.2	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.6	0.0	19.1	-128.3
248	17603713.83	4855180.33	2.40	2	E	A	-36.9	5.2	0.0	0.0	0.0	65.3	2.3	-0.8	0.0	0.0	10.6	0.0	19.1	-128.3
305	17603785.85	4855241.78	2.40	0	D	A	66.1	16.5	0.0	0.0	0.0	55.7	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	26.4
305	17603785.85	4855241.78	2.40	0	N	A	-36.9	16.5	0.0	0.0	0.0	55.7	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	-76.6
305	17603785.85	4855241.78	2.40	0	E	A	-36.9	16.5	0.0	0.0	0.0	55.7	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	-76.6
312	17603790.78	4855248.40	2.40	0	D	A	66.1	14.6	0.0	0.0	0.0	55.8	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	24.4
312	17603790.78	4855248.40	2.40	0	N	A	-36.9	14.6	0.0	0.0	0.0	55.8	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	-78.6
312	17603790.78	4855248.40	2.40	0	E	A	-36.9	14.6	0.0	0.0	0.0	55.8	1.1	-0.6	0.0	0.0	0.0	0.0	0.0	-78.6
316	17603768.94	4855236.95	2.40	0	D	A	66.1	13.3	0.0	0.0	0.0	54.9	1.0	-0.3	0.0	0.0	0.0	0.0	0.0	23.7
316	17603768.94	4855236.95	2.40	0	N	A	-36.9	13.3	0.0	0.0	0.0	54.9	1.0	-0.3	0.0	0.0	0.0	0.0	0.0	-79.3
316	17603768.94	4855236.95	2.40	0	E	A	-36.9	13.3	0.0	0.0	0.0	54.9	1.0	-0.3	0.0	0.0	0.0	0.0	0.0	-79.3
319	17603708.45	4855169.01	2.40	0	D	A	66.1	12.9	0.0	0.0	0.0	54.6	1.0	-0.2	0.0	0.0	7.6	0.0	0.0	16.0
319	17603708.45	4855169.01	2.40	0	N	A	-36.9	12.9	0.0	0.0	0.0	54.6	1.0	-0.2	0.0	0.0	7.6	0.0	0.0	-87.0
319	17603708.45	4855169.01	2.40	0	E	A	-36.9	12.9	0.0	0.0	0.0	54.6	1.0	-0.2	0.0	0.0	7.6	0.0	0.0	-87.0
323	17603705.50	4855161.33	2.40	1	D	A	66.1	4.6	0.0	0.0	0.0	58.4	1.4	-0.7	0.0	0.0	11.9	0.0	5.5	-5.8
323	17603705.50	4855161.33	2.40	1	N	A	-36.9	4.6	0.0	0.0	0.0	58.4	1.4	-0.7	0.0	0.0	11.9	0.0	5.5	-108.8
323	17603705.50	4855161.33	2.40	1	E	A	-36.9	4.6	0.0	0.0	0.0	58.4	1.4	-0.7	0.0	0.0	11.9	0.0	5.5	-108.8
325	17603707.05	4855165.35	2.40	1	D	A	66.1	7.6	0.0	0.0	0.0	58.3	1.4	-0.7	0.0	0.0	11.3	0.0	5.3	-1.9
325	17603707.05	4855165.35	2.40	1	N	A	-36.9	7.6	0.0	0.0	0.0	58.3	1.4	-0.7	0.0	0.0	11.3	0.0	5.3	-104.9
325	17603707.05	4855165.35	2.40	1	E	A	-36.9	7.6	0.0	0.0	0.0	58.3	1.4	-0.7	0.0	0.0	11.3	0.0	5.3	-104.9
327	17603708.13	4855168.16	2.40	1	D	A	66.1	-5.0	0.0	0.0	0.0	58.2	1.4	-0.8	0.0	0.0	10.7	0.0	5.2	-13.5
327	17603708.13	4855168.16	2.40	1	N	A	-36.9	-5.0	0.0	0.0	0.0	58.2	1.4	-0.8	0.0	0.0	10.7	0.0	5.2	-116.5
327	17603708.13	4855168.16	2.40	1	E	A	-36.9	-5.0	0.0	0.0	0.0	58.2	1.4	-0.8	0.0	0.0	10.7	0.0	5.2	-116.5
329	17603705.90	4855162.36	2.40	2	D	A	66.1	6.8	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.8	0.0	19.8	-25.9
329	17603705.90	4855162.36	2.40	2	N	A	-36.9	6.8	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.8	0.0	19.8	-128.9
329	17603705.90	4855162.36	2.40	2	E	A	-36.9	6.8	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.8	0.0	19.8	-128.9
332	17603707.05	4855165.35	2.40	2	D	A	66.1	2.2	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.7	0.0	19.7	-30.2
332	17603707.05	4855165.35	2.40	2	N	A	-36.9	2.2	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.7	0.0	19.7	-133.2
332	17603707.05	4855165.35	2.40	2	E	A	-36.9	2.2	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.7	0.0	19.7	-133.2
334	17603708.13	4855168.17	2.40	2	D	A	66.1	6.4	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.5	0.0	19.6	-25.7
334	17603708.13	4855168.17	2.40	2	N	A	-36.9	6.4	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.5	0.0	19.6	-128.7
334	17603708.13	4855168.17	2.40	2	E	A	-36.9	6.4	0.0	0.0	0.0	65.4	2.4	-0.7	0.0	0.0	11.5	0.0	19.6	-128.7
336	17603710.39	4855174.05	2.40	2	D	A	66.1	9.2	0.0	0.0	0.0	65.3	2.4	-0.7	0.0	0.0	11.2	0.0	19.4	-22.3
336	17603710.39	4855174.05	2.40	2	N	A	-36.9	9.2	0.0	0.0	0.0	65.3	2.4	-0.7	0.0	0.0	11.2	0.0	19.4	-125.3
336	17603710.39	4855174.05	2.40	2	E	A	-36.9	9.2	0.0	0.0	0.0	65.3	2.4	-0.7	0.0	0.0	11.2	0.0	19.4	-125.3
337	17603711.89	4855177.97	2.40	2	D	A	66.1	-8.1	0.0	0.0	0.0	65.3	2.3	-0.7	0.0	0.0	10.8	0.0	19.3	-39.0
337	17603711.89	4855177.97	2.40	2	N	A	-36.9	-8.1	0.0	0.0	0.0	65.3	2.3	-0.7	0.0	0.0	10.8	0.0	19.3	-142.0

Line Source, ISO 9613, Name: "HTMove_Loading", ID: "HTMove_Loading"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
337	17603711.89	4855177.97	2.40	2	E	A	-36.9	-8.1	0.0	0.0	0.0	65.3	2.3	-0.7	0.0	0.0	10.8	0.0	19.3	-142.0
339	17603707.51	4855170.06	2.40	0	D	A	66.1	12.6	0.0	0.0	0.0	54.6	1.0	-0.2	0.0	0.0	7.6	0.0	0.0	15.8
339	17603707.51	4855170.06	2.40	0	N	A	-36.9	12.6	0.0	0.0	0.0	54.6	1.0	-0.2	0.0	0.0	7.6	0.0	0.0	-87.2
339	17603707.51	4855170.06	2.40	0	E	A	-36.9	12.6	0.0	0.0	0.0	54.6	1.0	-0.2	0.0	0.0	7.6	0.0	0.0	-87.2
341	17603706.24	4855166.61	2.40	1	D	A	66.1	7.8	0.0	0.0	0.0	58.2	1.4	-0.7	0.0	0.0	11.2	0.0	5.3	-1.5
341	17603706.24	4855166.61	2.40	1	N	A	-36.9	7.8	0.0	0.0	0.0	58.2	1.4	-0.7	0.0	0.0	11.2	0.0	5.3	-104.6
341	17603706.24	4855166.61	2.40	1	E	A	-36.9	7.8	0.0	0.0	0.0	58.2	1.4	-0.7	0.0	0.0	11.2	0.0	5.3	-104.6
343	17603704.78	4855162.61	2.40	1	D	A	66.1	3.9	0.0	0.0	0.0	58.3	1.4	-0.7	0.0	0.0	11.9	0.0	5.5	-6.4
343	17603704.78	4855162.61	2.40	1	N	A	-36.9	3.9	0.0	0.0	0.0	58.3	1.4	-0.7	0.0	0.0	11.9	0.0	5.5	-109.4
343	17603704.78	4855162.61	2.40	1	E	A	-36.9	3.9	0.0	0.0	0.0	58.3	1.4	-0.7	0.0	0.0	11.9	0.0	5.5	-109.4
345	17603709.40	4855175.25	2.40	2	D	A	66.1	8.6	0.0	0.0	0.0	65.3	2.3	-0.7	0.0	0.0	11.2	0.0	19.4	-22.8
345	17603709.40	4855175.25	2.40	2	N	A	-36.9	8.6	0.0	0.0	0.0	65.3	2.3	-0.7	0.0	0.0	11.2	0.0	19.4	-125.8
345	17603709.40	4855175.25	2.40	2	E	A	-36.9	8.6	0.0	0.0	0.0	65.3	2.3	-0.7	0.0	0.0	11.2	0.0	19.4	-125.8
346	17603707.30	4855169.50	2.40	2	D	A	66.1	6.9	0.0	0.0	0.0	65.3	2.4	-0.7	0.0	0.0	11.5	0.0	19.6	-25.1
346	17603707.30	4855169.50	2.40	2	N	A	-36.9	6.9	0.0	0.0	0.0	65.3	2.4	-0.7	0.0	0.0	11.5	0.0	19.6	-128.1
346	17603707.30	4855169.50	2.40	2	E	A	-36.9	6.9	0.0	0.0	0.0	65.3	2.4	-0.7	0.0	0.0	11.5	0.0	19.6	-128.1
347	17603706.16	4855166.39	2.40	2	D	A	66.1	2.2	0.0	0.0	0.0	65.4	2.4	-0.6	0.0	0.0	11.6	0.0	19.7	-30.1
347	17603706.16	4855166.39	2.40	2	N	A	-36.9	2.2	0.0	0.0	0.0	65.4	2.4	-0.6	0.0	0.0	11.6	0.0	19.7	-133.1
347	17603706.16	4855166.39	2.40	2	E	A	-36.9	2.2	0.0	0.0	0.0	65.4	2.4	-0.6	0.0	0.0	11.6	0.0	19.7	-133.1
348	17603705.11	4855163.52	2.40	2	D	A	66.1	6.4	0.0	0.0	0.0	65.4	2.4	-0.6	0.0	0.0	11.8	0.0	19.8	-26.2
348	17603705.11	4855163.52	2.40	2	N	A	-36.9	6.4	0.0	0.0	0.0	65.4	2.4	-0.6	0.0	0.0	11.8	0.0	19.8	-129.2
348	17603705.11	4855163.52	2.40	2	E	A	-36.9	6.4	0.0	0.0	0.0	65.4	2.4	-0.6	0.0	0.0	11.8	0.0	19.8	-129.2
349	17603768.73	4855243.67	2.40	0	D	A	66.1	11.3	0.0	0.0	0.0	54.8	1.0	-0.2	0.0	0.0	0.0	0.0	0.0	21.8
349	17603768.73	4855243.67	2.40	0	N	A	-36.9	11.3	0.0	0.0	0.0	54.8	1.0	-0.2	0.0	0.0	0.0	0.0	0.0	-81.3
349	17603768.73	4855243.67	2.40	0	E	A	-36.9	11.3	0.0	0.0	0.0	54.8	1.0	-0.2	0.0	0.0	0.0	0.0	0.0	-81.3
350	17603772.51	4855232.44	2.40	0	D	A	66.1	11.2	0.0	0.0	0.0	55.2	1.1	-0.4	0.0	0.0	0.0	0.0	0.0	21.5
350	17603772.51	4855232.44	2.40	0	N	A	-36.9	11.2	0.0	0.0	0.0	55.2	1.1	-0.4	0.0	0.0	0.0	0.0	0.0	-81.6
350	17603772.51	4855232.44	2.40	0	E	A	-36.9	11.2	0.0	0.0	0.0	55.2	1.1	-0.4	0.0	0.0	0.0	0.0	0.0	-81.6
351	17603775.13	4855242.62	2.40	0	D	A	66.1	9.6	0.0	0.0	0.0	55.1	1.1	-0.3	0.0	0.0	0.0	0.0	0.0	19.8
351	17603775.13	4855242.62	2.40	0	N	A	-36.9	9.6	0.0	0.0	0.0	55.1	1.1	-0.3	0.0	0.0	0.0	0.0	0.0	-83.2
351	17603775.13	4855242.62	2.40	0	E	A	-36.9	9.6	0.0	0.0	0.0	55.1	1.1	-0.3	0.0	0.0	0.0	0.0	0.0	-83.2

Point Source, ISO 9613, Name: "HTIdle_Parking19", ID: "HTIdle_Parking19"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
213	17603867.61	4855354.84	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	59.0	1.4	-1.4	0.0	0.0	0.0	0.0	0.0	31.0	
213	17603867.61	4855354.84	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	59.0	1.4	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	-146.2
213	17603867.61	4855354.84	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	59.0	1.4	-1.4	0.0	0.0	0.0	0.0	0.0	0.0	-146.2

Point Source, ISO 9613, Name: "HTIdle_Parking16", ID: "HTIdle_Parking16"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
215	17603878.36	4855316.42	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	59.2	1.5	-2.3	0.0	0.0	0.0	0.0	0.0	31.8	
215	17603878.36	4855316.42	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	59.2	1.5	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	-145.4
215	17603878.36	4855316.42	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	59.2	1.5	-2.3	0.0	0.0	0.0	0.0	0.0	0.0	-145.4

Point Source, ISO 9613, Name: "HTIdle_Parking18", ID: "HTIdle_Parking18"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
250	17603887.57	4855327.03	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	59.5	1.5	-2.4	0.0	0.0	0.0	0.0	0.0	31.5	
250	17603887.57	4855327.03	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	59.5	1.5	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	-145.8
250	17603887.57	4855327.03	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	59.5	1.5	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	-145.8

Point Source, ISO 9613, Name: "HTIdle_Parking20", ID: "HTIdle_Parking20"																					
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr	
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	
252	17603896.25	4855338.02	2.40	0	D	A	100.9	0.0	-10.8	0.0	0.0	59.8	1.5	-2.4	0.0	0.0	0.0	0.0	0.0	31.1	
252	17603896.25	4855338.02	2.40	0	N	A	100.9	0.0	-188.0	0.0	0.0	59.8	1.5	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	-146.1
252	17603896.25	4855338.02	2.40	0	E	A	100.9	0.0	-188.0	0.0	0.0	59.8	1.5	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	-146.1

APPENDIX E

COMPARISON OF RLS-90 AND ORNAMENT CALCULATIONS

Filename: amb.te Time Period: 1 hours
 Description: RLS-90 - ORNAMENT comparison receptor

Road data, segment # 1: Coleraine

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Car traffic volume : 491 veh/TimePeriod
Medium truck volume : 69 veh/TimePeriod
Heavy truck volume : 165 veh/TimePeriod
Posted speed limit : 70 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)
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Data for Segment # 1: Coleraine

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Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 39.00 m
Receiver height : 2.50 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00
```

Results segment # 1: Coleraine

Source height = 2.18 m

ROAD (0.00 + 67.15 + 0.00) = 67.15 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.61	75.20	0.00	-6.68	-1.37	0.00	0.00	0.00	67.15

Segment Leq : 67.15 dBA

Total Leq All Segments: 67.15 dBA

TOTAL Leq FROM ALL SOURCES: 67.15



	Title	Date	Figure
	RLS-90 - ORNAMENT comparison receptor Project Name 12155 Coleraine Drive, Bolton	Oct. 17, 2024 Project No. 124-0337	<h1>E1</h1>