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NOISE IMPACT STUDY – **Project: 22291.00**

141-153 Plains Road West

Burlington, Ontario

Prepared for:

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1 Introduction

Aercoustics Engineering Limited has been retained by 2381798 Ontario Limited to prepare a Noise Impact Study for a proposed mixed-use development at 141-153 Plains Road West in Burlington, Ontario, for the purposes of supporting an Official Plan Amendment, Zoning Bylaw Amendment and Site Plan Approval.

The purpose of this study is to examine the existing noise environment in the development area and evaluate the potential impact at the noise sensitive receptors on-site, as well as examine the impact of the proposed development on existing noise sensitive receptors off-site. This report also investigates the noise control features that are required for the development to meet the noise guidelines of the Ontario Ministry of the Environment, Conservation and Parks (MECP) and to satisfy the requirements of the City of Burlington. This report considers the MECP guideline NPC-300 "*Stationary and Transportation Sources – Approval and Planning*" (August 2013).

The proposed development consists of an 11-storey mixed-use residential tower with ground level retail, residential suites starting on the third floor, outdoor amenity areas on the seventh floor and rooftop and a mechanical penthouse.

The site is located at 141-153 Plains Road West. Figure 1a provides a key plan showing the location of the proposed development. Figure 1b identifies key points of reception for the development and neighbouring properties. Figure 2 shows daytime and nighttime noise impact from transportation sources. Figure 3 shows daytime and nighttime noise impact from off-site stationary sources at adjacent worst-case residential receptors. Figure 4 present daytime and nighttime stationary noise impact from proposed on-site stationary sources at the proposed development. Figure 5 presents daytime impulse stationary noise impact from off-site stationary sources at the proposed development.

The site is currently zoned Mixed-Use General (MXG) and is surrounded by residential towers to the south and east (zoned CC1 – Community Commercial), townhouses to the west (zoned MXG – Mixed-Use General), and a food wholesaler, a ready-mix plant and paving facility to the north (zoned GE2 – General Employment and GE1 – General Employment, respectively). A zoning map is presented in Appendix A.

This report is based on the following information:

- "141, 147, 153 Plains Road West – Re-Issued for SPA" architectural plans dated September 10, 2024 and prepared by AAA Architects Inc.
- "Acoustic Assessment Report – Canada Building Materials Burlington Read-Mix Concrete Batching Plant" dated June 28, 2019 and prepared by HGC Engineering Limited.
- "Acoustic Assessment Report – King Paving and Construction Limited" dated August 30, 2022 and prepared by HGC Engineering Limited.

The dominant road traffic sources in the subject study area are Plains Road West to the south and Howard Road to the east. The site is not expected to be influenced by rail noise, aircraft noise or vibration.

This report in conjunction with the Land Use Compatibility and Air Quality Impact Study prepared by GHD Limited dated April 27, 2023, assesses the compatibility of the development as per the Provincial Policy Statement and D6 Guidelines.

This noise impact study was revised to address the comments of the City and Region relating to construction noise and the classification of the subject site of the proposed development as a Class 4 area. A memo proposing the designation of the subject site of the proposed development as a Class 4 area, prepared by Aercoustics and dated November 13, 2023, was submitted to the City of Burlington and is included in Appendix A.

2 Guidelines and Criteria

2.1 Road Noise – Indoor Living Spaces

Indoor noise levels due to road traffic were examined with respect to the MECP guidelines as stated in NPC-300. Bedrooms are required to meet an indoor L_{eq}-8hr of 40 dBA from road traffic. The required indoor sound level limit for living or dining rooms is a L_{eq}-16hr of 45 dBA from road traffic. To achieve these levels, the MECP Guidelines provide a basis for the type of windows, exterior walls and doors that will be required based on projected outdoor noise levels.

If the nighttime sound level due to road traffic outside the bedroom or living/dining room windows exceeds 60 dBA or the daytime sound level due to road traffic outside the bedroom or living/dining area windows exceeds 65 dBA, building components including windows, walls and doors, where applicable, should be designed so that the indoor sound levels are in compliance with the above limits.

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

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

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

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

Table 1: Indoor Noise Limits Due to Road Traffic

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

2.2 Road Noise – Outdoor Living Areas (OLAs)

The current site plan indicates two outdoor living areas. One terrace is located on the seventh storey at the east and west side of the building and a second terrace on the rooftop on the north and west sides of the building.

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

2.3 Rail Noise

The FRA/FCA document "*Guidelines for New Development to Railway Operations*", indicates that the recommended minimum noise influence areas to be considered for railway corridors when undertaking noise studies are 1000 metres for freight rail yards and 300 metres for principal lines.

The proposed development is located approximately 700 metres south from a principal CN railway. This railway leads into the CN Aldershot Crew Yard, which is located approximately 1050 metres southwest of the proposed development. The Aldershot GO-Station is also located at the north side of the CN Aldershot Crew Yard.

Since the development is not within the recommended minimum noise influence areas for freight rail yards and principal lines, assessment of these rail sources is excluded from this study.

2.4 Steady Stationary Noise Sources

The guidelines of the MECP for planned stationary sources adjacent to residential developments were used to address the potential impact of noise associated with the proposed development. These guidelines are summarized in the MECP document NPC-300 "Environmental Noise Guideline – Stationary and Transportation Sources – Approval and Planning", dated August 2013.

2.4.1 Receptor Class Designation

The noise level limits pertaining to stationary noise sources have been established based on the MECP Publication NPC-300.

A Class 1 area is defined in NPC-300 as an area with an acoustical environment where the background noise is dominated by the activity of people. Due to existing road traffic associated with nearby commercial uses, all receptors in this study would typically be considered Class 1.

A Class 4 area is defined as an area that would otherwise be classifiable as Class 1 or Class 2 and which:

- is an area intended for development with new noise sensitive land use(s) that are not yet built;
- is in proximity to existing, lawfully established stationary sources(s); and
- has formal confirmation from the land use planning authority with the Class 4 area classification which is determined during the land use planning process.

Additionally, existing noise sensitive land use(s) cannot be classified as Class 4.

The MECP stationary source exclusion limits for Class 1 and 4 designations are summarized in Table 2 below. The sound level limit at a point of reception is set as the higher of either the applicable exclusion limit, or the minimum background sound level. In this case, road traffic noise from Plains Road West and Howard Road are the primary determinant of the background sound level for the area.

Table 2: Noise Exclusion Limits Due to Stationary Sources - Class 1 and 4

Point of Reception Class	Time of Day	Noise Level Exclusion Limit Plane of Window	Noise Level Exclusion Limit Outdoor Point of Reception
Class 1	Day (07:00 to 23:00)	50 dBA	50 dBA
	Night (23:00 to 07:00)	45 dBA	--
Class 4	Day (07:00 to 23:00)	60 dBA	55 dBA
	Night (23:00 to 07:00)	55 dBA	--

2.4.2 Class 4 Classification

Initial modelling of the stationary noises sources in the surrounding area, as presented in Sections 3 and 4, indicated a minor exceedance of the Class 1 sound level limits at identified points of reception on the proposed development. A significant source of noise contributing to this exceedance was found to be operations from King Paving and Construction Limited (King Paving), an asphalt production and paving site located at 1077 Howard Road, approximately 290 meters north of the proposed development. King Paving provided an Acoustic Assessment Report to Aercoustics that was prepared by HGC Engineering Ltd. and dated August 30, 2022. This report was prepared as part of an update to an Environmental Compliance Assessment for King Paving that presented a Noise Action Abatement Plan that outlined a timeline for the decommissioning of the facility. Once the King Paving facility is decommissioned it is predicted that the sound levels at the proposed development will be in compliance with the Class 1 sound level limits.

Given this scenario, Aercoustics prepared a memo titled "*141-153 Plains Road West - Class 4 Acoustic Area Designation"* dated November 13, 2023 that was submitted to the City of Burlington for review. This memo proposes a temporary classification of the subject site as a Class 4 acoustic area. As per NPC-300 Section B9.3, the Class 4 classification would remain in effect until the King Paving facility is fully decommissioned, after which the proposed development would be reclassified as a Class 1 area. It is Aercoustics' opinion that this temporary classification of the subject site as a Class 4 area is appropriate given the expected brief period of overlap between the occupation of the proposed development and the King Paving facility as well as the fact that the exceedance of the Class 1 sound level limits is relatively minor.

Noise impact including and excluding King Paving operations against Class 1 and Class 4 limits are presented in Section 4.

2.5 Impulse Stationary Noise Sources

For impulse noise from a stationary source, the sound level limit at a point of reception, expressed in terms of the Logarithmic Mean Impulse Sound Level (L_{LM}), is the higher of the applicable exclusion limit value given in Table 3 below, or the background sound level for that point of reception.

Table 3: Impulsive Sound Exclusion Limits – Class 1

Impulses Per Hour	Time of Day	Exclusion Limit Plane of Window	Exclusion Limit Outdoor Point of Reception
1	Daytime/Evening (07:00 to 23:00)	80 dBAI L_{LM}	80 dBAI
	Nighttime (23:00 to 07:00)	75 dBAI L_{LM}	- -
2	Daytime/Evening (07:00 to 23:00)	75 dBAI L_{LM}	75 dBAI
	Nighttime (23:00 to 07:00)	70 dBAI L_{LM}	- -
3	Daytime/Evening (07:00 to 23:00)	70 dBAI L_{LM}	70 dBAI
	Nighttime (23:00 to 07:00)	65 dBAI L_{LM}	- -
4	Daytime/Evening (07:00 to 23:00)	65 dBAI L_{LM}	65 dBAI
	Nighttime (23:00 to 07:00)	60 dBAI L_{LM}	- -
5-6	Daytime/Evening (07:00 to 23:00)	60 dBAI L_{LM}	60 dBAI
	Nighttime (23:00 to 07:00)	55 dBAI L_{LM}	- -
7-8	Daytime/Evening (07:00 to 23:00)	55 dBAI L_{LM}	55 dBAI
	Nighttime (23:00 to 07:00)	50 dBAI L_{LM}	- -
9+	Daytime/Evening (07:00 to 23:00)	50 dBAI L_{LM}	50 dBAI
	Nighttime (23:00 to 07:00)	45 dBAI L_{LM}	- -

2.6 Emergency Noise Sources

When evaluating emergency equipment, such as generators, operating in non-emergency situations, such as regular maintenance and testing, the stationary source exclusion limits are 5 dBA higher than those listed in Table 2 or minimum background levels. The emergency equipment is evaluated independently from other stationary equipment.

No sound level limits apply to emergency equipment operating in emergency situations.

2.7 Construction Noise and Vibration

NPC-300 indicates that temporary construction activities (such as those associated with the construction of the proposed development) are exempt from meeting the stationary sound level limits outlined in Section 2.4. The City of Burlington does not have any quantitative limits for noise and vibration impact due to construction activities.

As per Item 6 (2) of the *City of Burlington Nuisance and Noise Control By-Law*, the equipment used for construction activities must satisfy the noise emission requirements of the MECP document NPC-115 "*Construction Equipment*". By defining a maximum permissible noise emission for construction equipment, rather than directly limiting the noise impact at a sensitive point of reception, the MECP has recognized that construction is a temporary and largely unavoidable source of noise.

3 Noise Prediction Methodology

3.1 Road Noise Calculation Procedure

The dominant road traffic sources in the subject study area are Plains Road West and Howard Road. Road traffic from all other roads is acoustically insignificant. Road traffic noise level calculations were performed using the U.S. Department of Transportation's Traffic Noise Model Version (TNM) Version 2.5; within Datakustik's CadnaA Noise Prediction Software.

The equivalent sound levels (L_{eq}) due to road traffic were calculated at worst case noise sensitive receptors on the proposed development.

3.2 Road Traffic Data

Predictions of road traffic noise were based on the road traffic data outlined in Table 4 below. Turning movement count data was obtained from the City of Burlington for various years and used to determine 24-hour road traffic volumes. Traffic volumes were then forecasted forward from the date of collection at a rate of 2% per year to a proposed ultimate time frame year of 2033. Traffic from other roads adjacent to the proposed development has been assumed to be acoustically insignificant.

Copies of road traffic data are included in Appendix B.

Table 4: Daily Road Traffic Volumes

Data	Plains Road West	Howard Road
AADT (collection year)	21,370 (2019)	2,460 (2019)
Years Forecast	14	14
Ultimate AADT	28,197	3,246
Day/Night Split*	80/20	90/10
Medium/Heavy Trucks (%)*	2.5 / 2.5	2.5 / 2.5
Posted Speed (km/h)	60	40

* Assumed

3.3 Indoor Noise Calculation Procedure

The extent to which outdoor noise due to road traffic would propagate into the proposed development is calculated using the National Research Council Canada's noise insulation software, IBANA v1.2, and its database of building façade elements.

3.4 Stationary Noise Source Analysis

The noise prediction model was generated using Datakustik's CadnaA Noise Prediction Software. This model is based on established noise prediction methods outlined in the ISO 9613-2 standard entitled "*Acoustics – Attenuation of sound during propagation*

outdoors – Part 2: General method and calculation". Noise levels were predicted using conditions of downwind propagation and generally with hard ground.

3.4.1 Stationary Noise Sources: Proposed On-Site

The current drawing set indicates a rooftop mechanical penthouse on-site. It is assumed that interior mechanical equipment will not be significant to the nearby residential receptors outlined in Figure 1b. Any potential noise mitigation required for interior sources will be mitigated source-side with silencers, enclosures and/or acoustic louvres, to be determined during the design phase of the project when interior equipment details and mechanical strategies are finalized. These internal stationary sources are not considered further in this study.

The drawing set does indicate the presence of open-air sections within the mechanical penthouse. A geothermal system is currently proposed for the development which will eliminate the need for exterior rooftop equipment such as cooling towers.

Parking level air shafts that vent to ground level are noted on the drawing set. It is assumed, therefore, that the underground parking levels will feature a carbon monoxide monitoring system, which use fans to exhaust air. It is also assumed that the system will consist of two exhaust fans that vent via the northwest air shaft and no intake fans. A duty cycle of 100% during the daytime hours (07:00 to 23:00) and 20% during the nighttime hours (23:00 to 07:00) was assumed for the fans.

The noise associated with the above ground parking is considered insignificant given the low sound power of the vehicles and infrequent movement of vehicles through the structure.

3.4.2 Stationary Noise Sources: Off-Site

Surrounding stationary sources were identified via a review of surrounding industrial and commercial facilities near the proposed development. A summary of stationary sources is provided below specific to each facility of note.

<u>Commercial Plaza at 127 Plains Road West</u>

A commercial plaza featuring small businesses is located at 127 Plains Road West, adjacent to the east property line of the site. The following stationary sources were identified at the plaza:

- Six small 5-ton rooftop units located atop the plaza.

Argo Foods Warehouse

Argo Foods Warehouse is a food storage plant located at 1032 Howard Road, adjacent to the north property line of the site. The following stationary sources were identified at the facility:

- Thirteen small 5-ton rooftop units located atop the facility; and
- Four idling refrigerated trailers located at the west side loading bays.

Regular and refrigerated truck movements were also modelled entering and exiting the facility, at a rate of two trucks per hour during the daytime and evenings travelling at a speed of 15 km/h.

It is also noted that the rear area of Argo Foods features a loading bay for the facility. It is assumed therefore that impulse sources associated with loading will occur at the facility. It has been assumed that there will be four impulses associated with loading during the worst-case hour.

Commercial Plaza at 107 Plains Road West

A commercial plaza featuring small businesses is located at 107 Plains Road West, east of the site and across Howard Road. The following stationary sources were identified at the plaza:

- Nine small 5-ton rooftop units located atop the plaza

St. Mary's CBM Ready-Mix Plant

A St. Mary's CBM ready-mix plant is located at 1093 Howard Road, north of the proposed development. On-site stationary source information was derived from an acoustic assessment report that was provided by the operator and outlines the following sources:

- Three truck-mounted cementitious blowers,
- Three unloading trucks,
- Four Ready-mix truck loading sources,
- Four Ready-mix truck slumping sources,
- Two idling aggregate trucks,
- Four dust collectors,
- Four scale vibrators

Truck movements were also modelled around the site, travelling at a speed of 10 km/h and various rates during the daytime, evening and nighttime.

It should be noted that, per Burlington By-Law No. 19-2003, truck idling is required to be limited to a maximum of five minutes, unless such idling is required for the basic function of the vehicle. The operation of ready-mix trucks is an example of basic function.

King Paving and Construction Limited

King Paving and Construction Limited is located at 1077 Howard Road, north of the proposed development. The site features various stationary sources associated with asphalt production and paving operations such as belt conveyors, burners, blowers, dust collectors, processing plants and generators.

The latest Acoustic Assessment Report for the site, prepared by HGC Engineering on August 30, 2022, includes a Noise Abatement Action Plan (NAAP) that outlines a schedule for the facility's decommissioning. According to the NAAP the asphalt plant and aggregate crushing operations are to cease by December 31, 2023, and the aggregate depot and maintenance shop operations are to cease by November 30, 2024. Aercoustics has reached out to King Paving and confirmed that the site is still in the process of being decommissioned. As a result, sources at this site are considered as part of this assessment.

Sound data for stationary sources modelled are presented in Appendix C.

4 Noise Predictions

4.1 Road Noise Predictions

Table 5 below lists the daytime and nighttime sound levels due to road traffic as predicted at the worst-case noise sensitive plane-of-window locations, labelled as locations C1 to C4, as well as the outdoor living area receptor locations, labelled as OLA1, OLA2 and OLA3, in Figure 2.

Table 5: Predicted Noise Levels Due to Road Traffic

Receptor Location (Figure 2)	Receptor Height (m)	Description	Time of Day	Calculated L_{eq} (dBA)
C1	35.0	Proposed Development North Façade	Day	51
			Night	48
C2	35.0	Proposed Development East Façade	Day	60
			Night	59
C3	7.5	Proposed Development South Façade	Day	65
			Night	63
C4	20.0	Proposed Development West Façade	Day	60
			Night	59
OLA1	22.8	Proposed Development Level 7 OLA – East	Day	54
OLA2	38.5	Proposed Development Rooftop OLA	Day	54
OLA3	22.8	Proposed Development Level 7 OLA – West	Day	55

The minimum background sound levels at various points of reception at the proposed development were calculated by determining the lowest hourly L_{eq} based on the traffic information presented in Table 4 and traffic distributions provided by the Institute of Traffic Engineers (ITE). The traffic data used for the minimum hour is presented in Table 6.

Table 6: Road Traffic Volumes for minimum hour

Data	Plains Road West	Howard Road
AADT (collection year)	21,370 (2019)	2,460 (2019)
Minimum Daytime Volume	748	103
Minimum Nighttime Volume	64	9
Medium/Heavy Trucks (%)*	2.5 / 2.5	2.5 / 2.5
Posted Speed (km/h)	60	40

* Assumed

Where the minimum background level due to traffic noise is higher than the MECP exclusion limit, that background level is used as the stationary source limit, in accordance with NPC-300.

Table 7: Predicted Minimum Background Noise Levels Due to Road Traffic

Receptor Location (Figure 2)	Receptor Height (m)	Description	Time of Day	Calculated L_{eq} (dBA)
R1	32.0	Proposed Development North Façade	Day	31
			Night	20
R2	35.0	Proposed Development East Façade	Day	58
			Night	47
R3	35.0	Proposed Development South Façade	Day	61
			Night	50
R4	32.0	Proposed Development West Façade	Day	54
			Night	43
R5g	22.8	Proposed Development Level 7 OLA – East	Day	52
R6g	38.5	Proposed Development Rooftop OLA	Day	52
R7g	22.8	Proposed Development Level 7 OLA – West	Day	53

4.2 Indoor Noise Predictions

Nighttime road noise levels were calculated to be above 60 dBA at the south façade of the proposed development, therefore façade performance specifications are provided such that the calculated indoor nighttime noise levels will comply with the MECP limit of 40 dBA.

Façade construction was not available for the proposed development at the date of this study; therefore assumptions were made accordingly. A typical bedroom unit was modelled with an assumed 80/20 glazing/wall area split, using a wall with a minimum sound insulation performance of STC 50.

Proposed Development: South Façade

The outdoor daytime sound level predicted due to road noise at the south façade is 65 dBA. With glazing of a minimum performance of STC 27, the indoor nighttime sound level was calculated to be 38 dBA; below the MECP daytime limit of 45 dBA.

Detailed IBANA calculations and results are presented in Appendix D.

4.3 Stationary and Emergency Noise Source Predictions

4.3.1 Steady Stationary Sources: Off-Site

Table 8 below lists the daytime and nighttime sound levels due to steady stationary sources associated with the surrounding areas at the various receptor locations, with receptors under a Class 1 designation and included stationary sources from King Paving.

Table 8: Predicted Unmitigated Noise Levels Due to Off-Site Steady Stationary Sources – Class 1 with King Paving Noise Sources Included

Receptor Location (Figure 3A)	Receptor Height (m)	Description	Calculated L_{eq} (dBA)		L_{eq} Limit (dBA)		Compliance
			Day	Night	Day	Night	
R1	32.0	Proposed Development North Façade	48	44	50	45	Yes
R2	35.0	Proposed Development East Façade	56	49	58*	47*	**NO**
R3	32.0	Proposed Development South Façade	47	40	50	45	Yes
R4	32.0	Proposed Development West Façade	47	45	50	45	Yes
R5g	22.8	Proposed Development Level 7 Terrace - East	54	-	52*	-	Yes
R6g	38.5	Proposed Development Rooftop Terrace	46	-	52*	-	Yes
R7g	22.8	Proposed Development Level 7 Terrace – West	53	-	53*	-	Yes

*indicates that minimum background level was used as stationary source limit

Table 9 below lists the daytime and nighttime sound levels due to steady stationary sources associated with the surrounding areas at the various receptor locations, with receptors under a Class 1 designation and excluded stationary sources from King Paving.

Table 9: Predicted Unmitigated Noise Levels Due to Off-Site Steady Stationary Sources – Class 1 with King Paving Noise Sources Excluded

Receptor Location (Figure 3B)	Receptor Height (m)	Description	Calculated L_{eq} (dBA)		L_{eq} Limit (dBA)		Compliance
			Day	Night	Day	Night	
R1	32.0	Proposed Development North Façade	47	44	50	45	Yes
R2	35.0	Proposed Development East Façade	54	47	58*	47*	Yes
R3	32.0	Proposed Development South Façade	44	37	50	45	Yes
R4	32.0	Proposed Development West Façade	47	45	50	45	Yes
R5g	22.8	Proposed Development Level 7 Terrace - East	51	-	52*	-	Yes
R6g	38.5	Proposed Development Rooftop Terrace	45	-	52*	-	Yes
R7g	22.8	Proposed Development Level 7 Terrace – West	50	-	53*	-	Yes

*indicates that minimum background level was used as stationary source limit

Table 10 below lists the daytime and nighttime sound levels due to steady stationary sources associated with the surrounding areas at the various receptor locations, with receptors under a Class 4 designation and included stationary sources from King Paving.

Table 10: Predicted Unmitigated Noise Levels Due to Off-Site Steady Stationary Sources – Class 4 with King Paving Sources

Receptor Location (Figure 3C)	Receptor Height (m)	Description	Calculated L_{eq} (dBA)		L_{eq} Limit (dBA)		Compliance
			Day	Night	Day	Night	
R1	32.0	Proposed Development North Façade	48	44	60	55	Yes
R2	35.0	Proposed Development East Façade	56	49	60	55	Yes
R3	32.0	Proposed Development South Façade	47	40	60	55	Yes
R4	32.0	Proposed Development West Façade	47	45	60	55	Yes
R5g	22.8	Proposed Development Level 7 Terrace - East	54	-	55	-	Yes
R6g	38.5	Proposed Development Rooftop Terrace	46	-	55	-	Yes
R7g	22.8	Proposed Development Level 7 Terrace – West	53	-	55	-	Yes

4.3.2 Steady Stationary Sources: Proposed On-Site

Table 11 below lists the daytime and nighttime sound levels due to proposed steady stationary sources associated with the proposed development at the various adjacent residential worst-case receptor locations and the development itself.

Table 11: Predicted Unmitigated Noise Levels Due to Proposed On-Site Steady Stationary Sources

Receptor Location (Figure 4)	Receptor Height (m)	Description	Calculated L_{eq} (dBA)		L_{eq} Limit (dBA)		Compliance
			Day	Night	Day	Night	
R1	32.0	Proposed Development North Façade	23	16	50	45	Yes
R2	35.0	Proposed Development East Façade	23	16	50	45	Yes
R3	32.0	Proposed Development South Façade	10	3	50	45	Yes
R4	32.0	Proposed Development West Façade	11	4	50	45	Yes
R5g	22.8	Proposed Development Level 7 Terrace - East	29	-	50	-	Yes
R6g	38.5	Proposed Development Rooftop Terrace	23	-	50	-	Yes
R7g	22.8	Proposed Development Level 7 Terrace – West	24	-	50	-	Yes
R8	34.5	140 Plains Road West – Penthouse	13	6	50	45	Yes
R9	34.5	110 Plains Road West – Penthouse	5	-2	50	45	Yes
R10	10.5	177 Daryl Drive	30	23	50	45	Yes

4.3.3 Impulse Stationary Sources: Off-Site

Table 12 below lists the daytime sound levels due to impulse sources associated with the operation of the Argo Foods Warehouse at the various receptor locations on the proposed development. None of the impulse stationary sources are expected to operate during night hours. A total of four impulses per hour from stationary sources were assumed, resulting

in a daytime noise limit for outdoor points of reception and planes-of-windows of 65 dBAI, as described in Table 3.

Table 12: Predicted Unmitigated Noise Levels Due to Off-Site Impulse Stationary Sources

Receptor Location (Figure 5)	Receptor Height (m)	Description	Calculated L_{Lm} (dBAI)	L_{Lm} Limit (dBAI)	Compliance?
R1	32.0	Proposed Development North Façade	58	65	Yes
R2	35.0	Proposed Development East Façade	40	65	Yes
R3	32.0	Proposed Development South Façade	36	65	Yes
R4	32.0	Proposed Development West Façade	58	65	Yes
R5g	22.8	Proposed Development Level 7 Terrace - East	54	65	Yes
R6g	38.5	Proposed Development Rooftop Terrace	53	65	Yes
R7g	22.8	Proposed Development Level 7 Terrace – West	59	65	Yes

5 Noise Mitigation Requirements

5.1 Road Noise – Indoor Living Areas

Due to the elevated outdoor noise levels and calculated indoor noise levels presented in Section 4.2, glazing with a sound insulation performance of STC 27 or higher is required for the south façade of the proposed development. For the remaining façades, typical glazing construction meeting the Ontario Building Code will be sufficient for noise mitigation.

As the nighttime sound levels on the south façade exceed 60 dBA central air conditioning should be included in the proposed dwellings at the south façade, of the proposed

development. As well, Warning Clause Type D should be included in all purchase and tenancy agreements.

The provision for the future installation of central air conditioning must be made for proposed dwellings at the east and west façades, as nighttime outdoor sound levels at these locations were calculated to be between 50 dBA and 60 dBA. As well, Warning Clause Type C should be included in all purchase and tenancy agreements.

See Warning Clauses Types C and D as found in Section 7 for sample wording.

5.2 Road Noise – Outdoor Living Areas

No mitigation is required for the outdoor living area of the proposed development, as noise levels at the were predicted to be within the MECP limit of 55 dBA.

5.3 Stationary Noise Sources

5.3.1 Steady Stationary Sources: Proposed On-Site

Plane-of-window and outdoor receptor noise levels due to proposed on-site stationary sources were predicted to be below the applicable noise limits for stationary sources, therefore no noise mitigation is required for these sources.

5.3.2 Steady Stationary Sources: Off-Site

Plane-of-window and outdoor receptor noise levels due to proposed off-site stationary sources were predicted to be below the Class 4 noise limits for stationary sources. Future owners or tenants should be made aware of the Class 4 classification through the inclusion of Warning Clause Type E and Type F in all purchase and tenancy agreements. Once the King Paving facility has been fully decommissioned the inclusion of these warning clauses on purchase and tenancy agreements should not be required.

5.3.3 Impulse Stationary Sources: Off-Site

Plane-of-window and outdoor receptor noise levels due to off-site impulse noise sources were predicted to be below the applicable noise limits for impulse sources, therefore no noise mitigation is required due to these sources.

5.3.4 Receptor-Based Noise Mitigation

Certain architectural features of this building design have been made with the noise impact from off-site noise sources in mind. These features constitute receptor-based site construction and architectural noise control measures as outlined in NPC-300 and as such does not require an Agreement for Noise Mitigation with future owner or tenants.

5.4 Construction Noise and Vibration

As per item 6 (2) of the City of Burlington Nuisance and Noise Control By-Law, the equipment used for construction activities must satisfy the noise emission requirements of the MECP document NPC-115 "*Construction Equipment*".

As per item 7 of Schedule 1 of the *City of Burlington Nuisance and Noise Control By-Law*, all construction equipment should be fitted with effective muffling devices that are in good working order and operate constantly.

As per item 8 of Schedule 2 of the *City of Burlington Nuisance and Noise Control By-Law* as amended by By-Law 49-2008, construction activities should be limited to the hours of 07:00 – 19:00 and should not be conducted on Sundays or Statutory Holidays.

6 Conclusions

Aercoustics Engineering Limited has been retained by 2381798 Ontario Limited to prepare a Noise Impact Study for a proposed mixed-use development at 141-153 Plains Roads West in Burlington, Ontario, for the purposes of supporting an Official Plan Amendment, Zoning Bylaw Amendment and Site Plan Approval.

The results of this study indicate that exterior glazing construction with a minimum sound insulation performance of STC 27 will be required for the south façade of the proposed development, to satisfy the indoor noise limits set out by the MECP. Exterior glazing construction meeting the typical OBC requirements will satisfy this and provide ample mitigation.

The provision for the future installation of central air conditioning must be made for all units at the east and west façades and central air conditioning must be included in all units on the south façade. It is understood that central air conditioning is anticipated to be provided for all residential units of the development.

With the incorporation of the noise controls discussed in Section 5 of this report, the sound levels at the noise sensitive receptors of the proposed and surrounding developments will comply with MECP guidelines. As indicated in the MECP implementation guidelines, where mitigation is required or where noise may be a concern, future occupants will be advised through warning clauses. Notes and sample wording for the warning clauses are provided in Section 7.

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

7 Warning Clauses

Sample warning clauses for tenants of the proposed development:

Warning Clause Type C:

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

Warning Clause Type D:

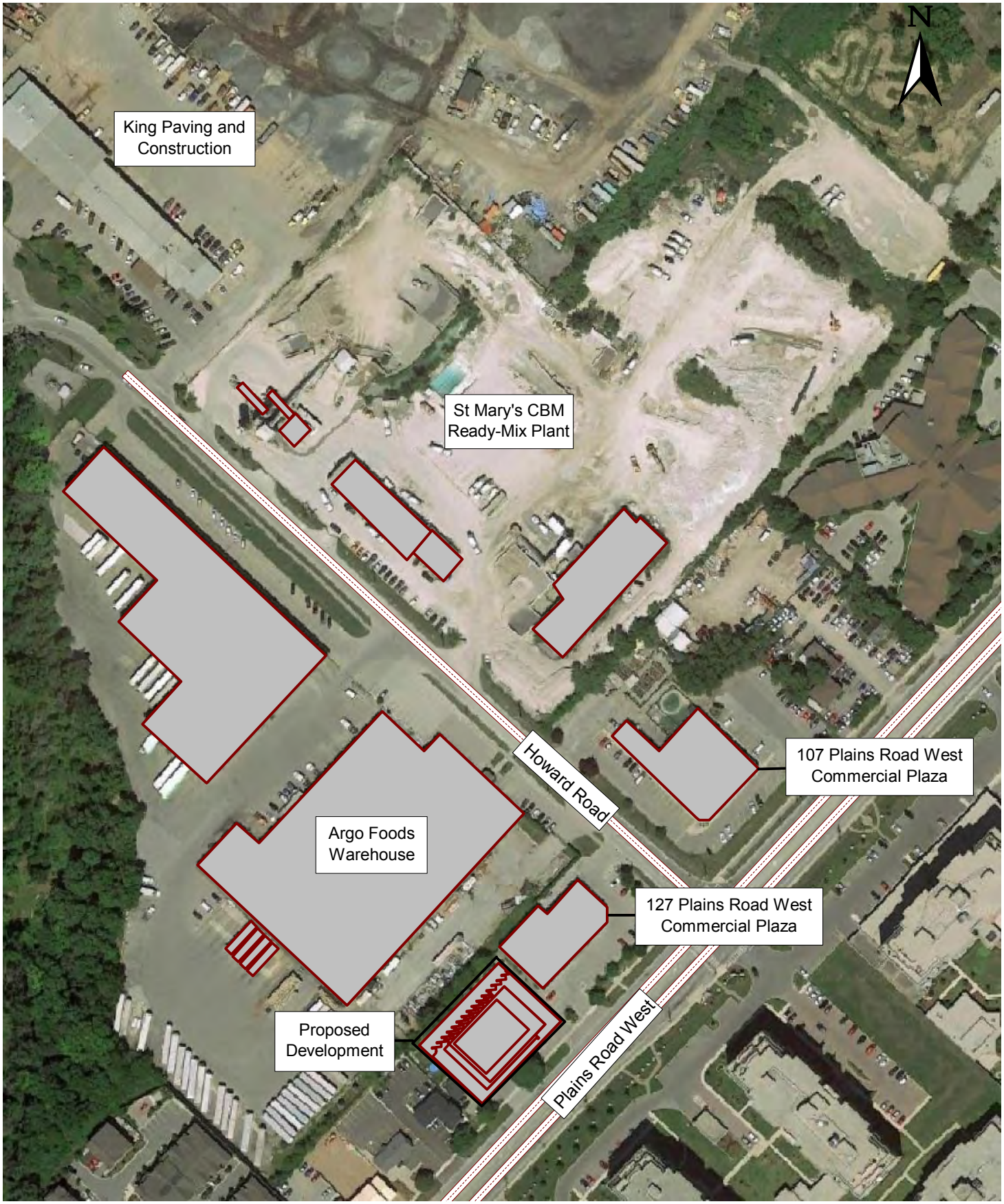
"This dwelling unit has been supplied with a central air conditioning system which will allow windows and exterior doors to remain closed, thereby ensuring that the indoor sound levels are within the sound level limits of the City of Burlington and the Ministry of the Environment, Conservation and Parks."

Warning Clause Type E:

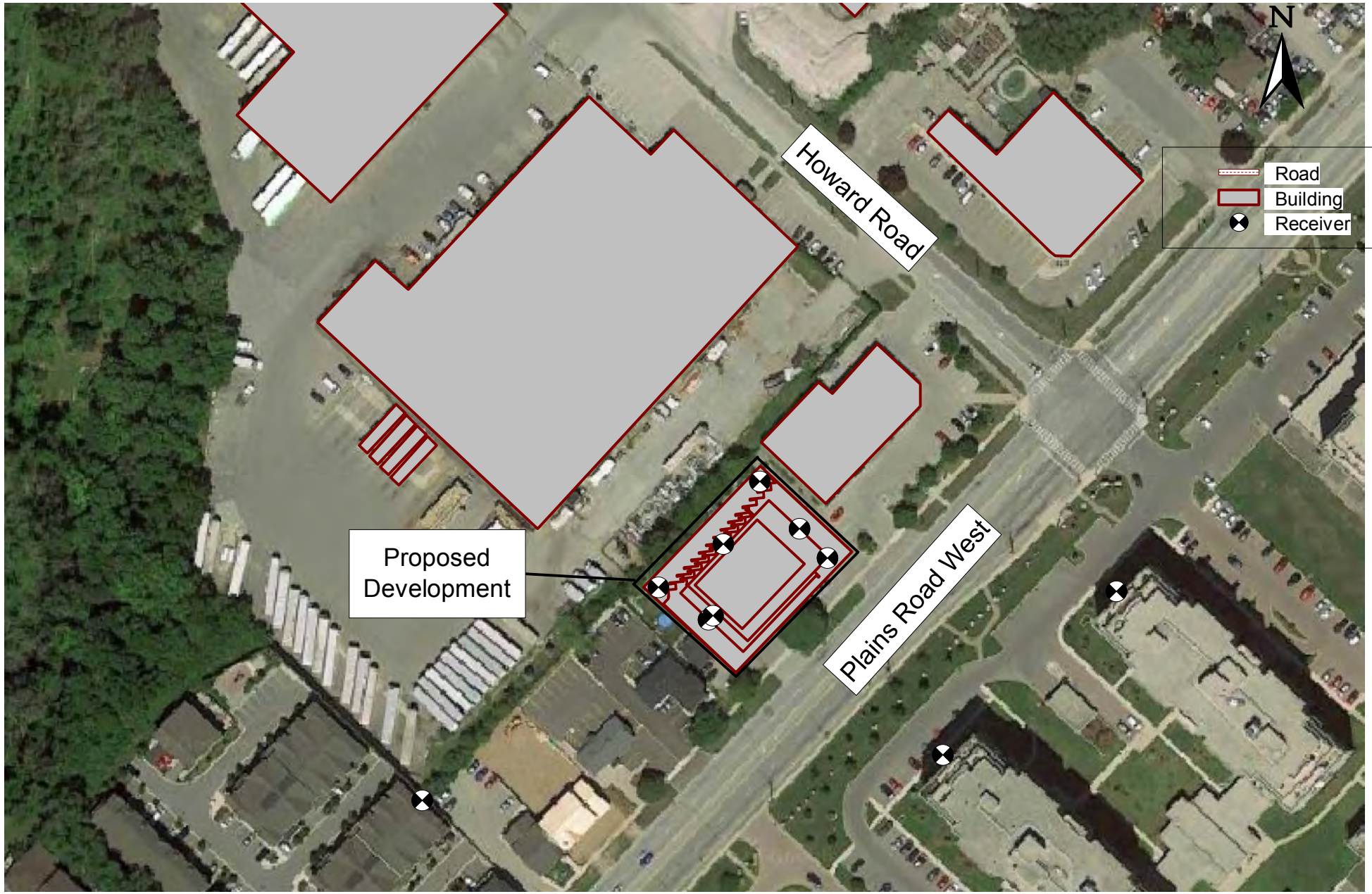
"Purchasers/tenants are advised that due to the proximity of the adjacent industries, noise from the industries may at times be audible.

Warning Clause Type F:

"Purchasers/tenants are advised that sound levels due to the adjacent industries are required to comply with sound level limits that are protective of indoor areas and are based on the assumption that windows and exterior doors are closed. This dwelling unit has been supplied with a ventilation/air conditioning system which will allow windows and exterior doors to remain closed."



aercoustics	Project ID: 22291.00 Scale: NTS Drawn by: NZ Reviewed by: DF Date: April, 2023 Revision: 1	**Project Name** 141-153 Plains Road West **Figure Title** Key plan showing site, adjacent roads and buildin	**Figure 1**



aercoustics	Project ID: 22291.00 Scale: NTS Drawn by: NZ Reviewed by: DF Date: Jan 31, 2023 Revision: 1	**Project Name** 141-153 Plains Road West **Figure Title** Identified Points of Reception

Figure 1b



aercoustics

Project ID: 22291.00

Scale: NTS
Drawn by: NZ
Reviewed by: DF
Date: April, 2023
Revision: 1

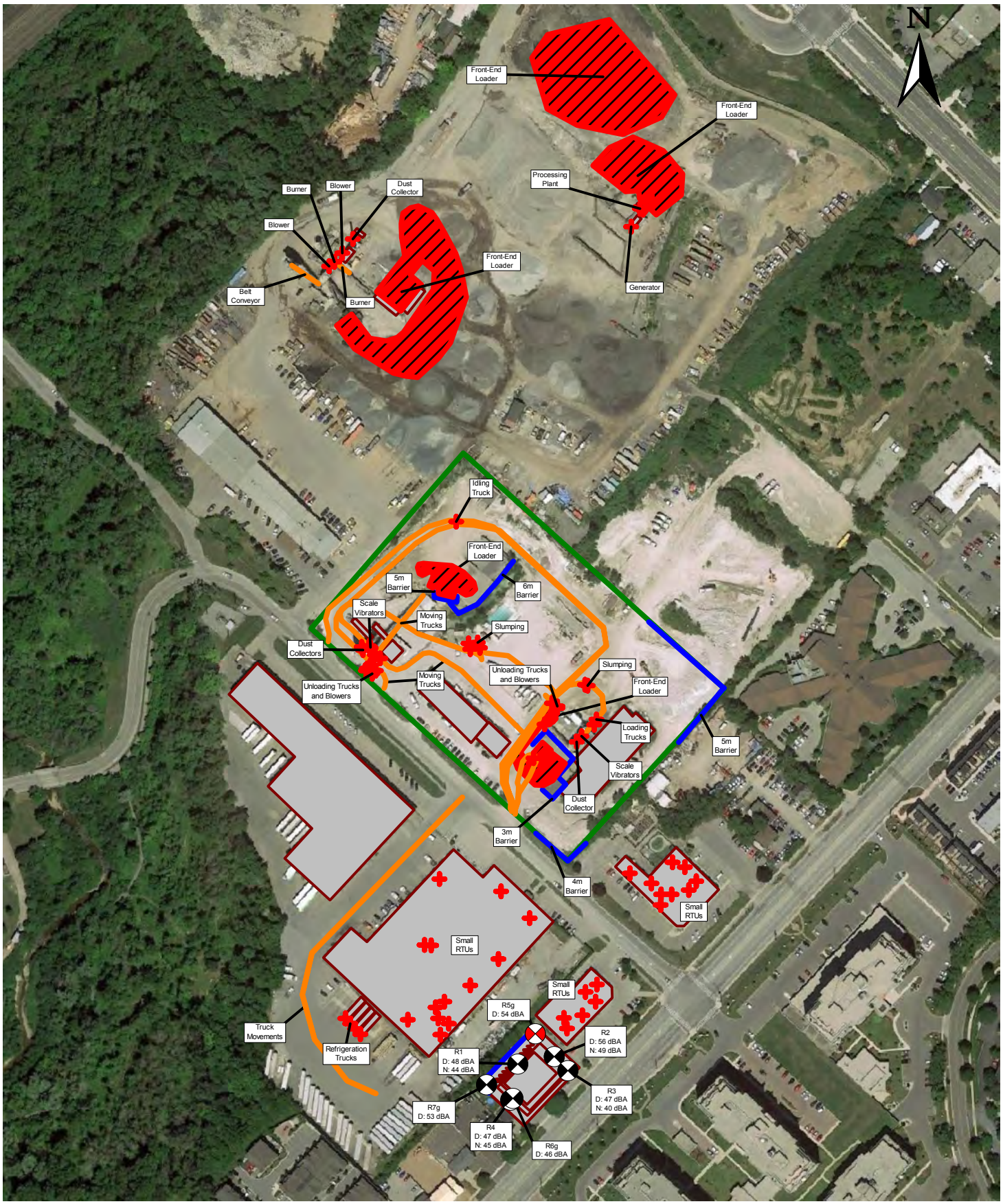
Project Name

141-153 Plains Road West

Figure Title

Road sources and worst-case transportation noise

Figure 2



aercoustics

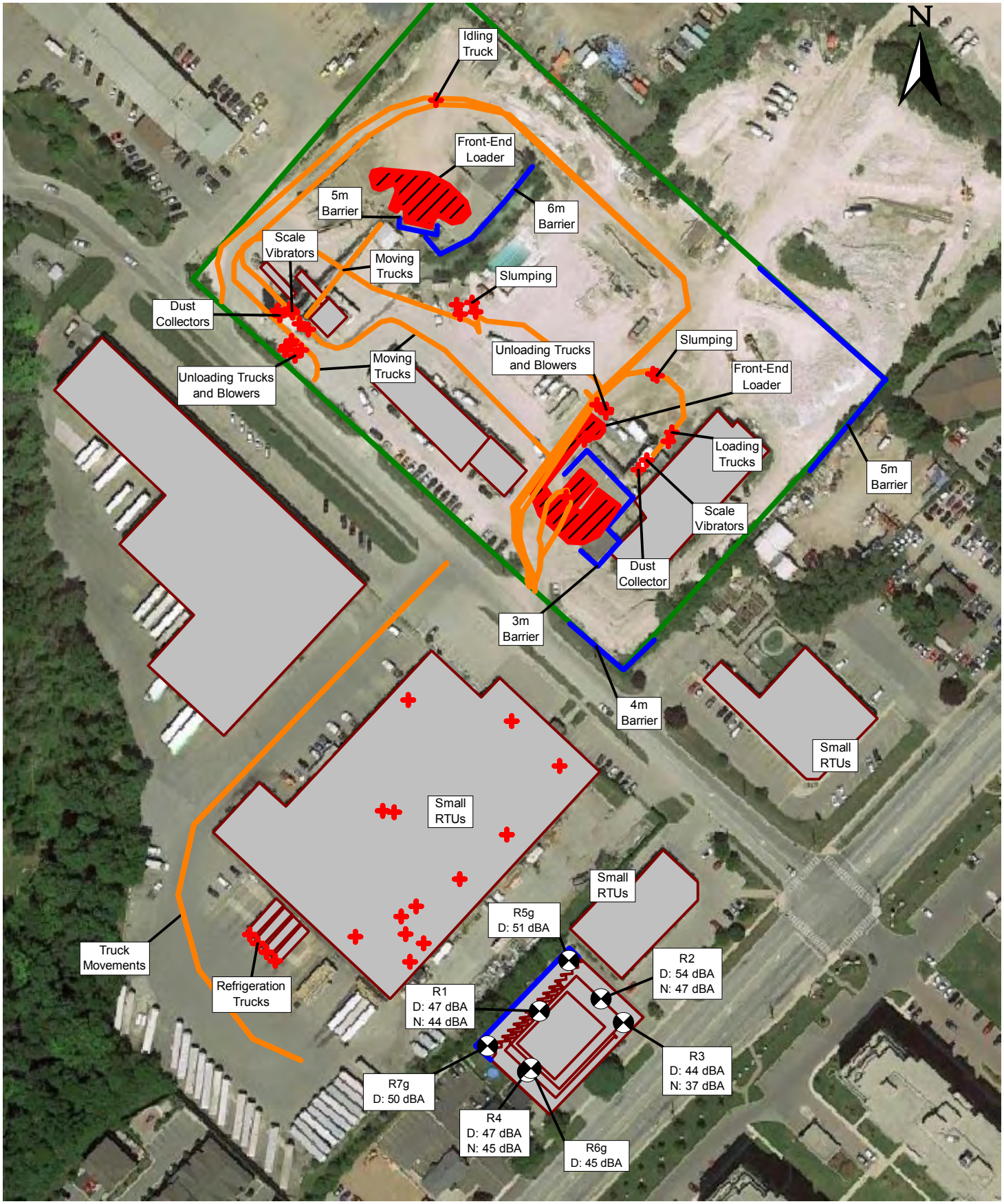
Project ID: 22291.00

Scale: NTS
Drawn by: NZ
Reviewed by: DF
Date: Jan 31, 2023
Revision: 1

Project Name
141-153 Plains Road West

Figure Title
Off-site steady stationary sources - With King Paving

Figure 3A



aercoustics

Project ID: 22291.00

Scale: NTS
Drawn by: NZ
Reviewed by: DF
Date: Jan 31, 2023
Revision: 1

Project Name
141-153 Plains Road West

Figure Title
Off-site steady stationary sources - Without King Paving

Figure 3B



aercoustics

Project ID: 22291.00

Scale: NTS
Drawn by: NZ
Reviewed by: DF
Date: Aug 23, 2024
Revision: 1

Project Name

141-153 Plains Road West

Figure Title

Proposed on-site stationary sources and worst-case receptor locations for noise impact

Figure 4

Appendix A
Class 4 Acoustic Area Classification Memo

aercoustics

Aercoustics Engineering Ltd.
1004 Middlegate Road, Suite 1100
Mississauga, ON L4Y 0G1

Tel: 416-249-3361
Fax 416-249-3613
aercoustics.com

To: Adam Layton, alayton@evansplanning.com

From: Dónal Finnerty, donalf@aercoustics.com

Copies: Frank Venditti, Evans Planning

Subject: 141-153 Plains Road West
Class 4 Acoustic Area Designation
Aercoustics Project #: 22291.00

Date: November 13, 2023

Aercoustics Engineering Limited has been retained by 2381798 Ontario Limited to prepare a Noise Impact Study for a proposed mixed-use development at 141-153 Plains Road West in Burlington, Ontario, for the purposes of supporting an Official Plan Amendment and Zoning Bylaw Amendment. Approximately 290 m north of the proposed development is King Paving and Construction Limited (King Paving), an asphalt production and paving site located at 1077 Howard Road.

It is Aercoustics' opinion that this development represents an ideal candidate for designation as a Class 4 acoustical area. The Class 4 designation is a tool provided to municipalities specifically to facilitate the infill of noise sensitive land uses in proximity to an existing noise producing facility such as King Paving. As provided in NPC-300 C4.4.3, the Class 4 designation would remain for the proposed development subject to the continuing presence of King Paving. When King Paving has ceased operations, the development would revert to a Class 1 area to which it would be compliant, as outlined in Aercoustics' Noise Impact Study.

As part of the application for an Environmental Compliance Approval, King Paving had an Acoustic Assessment Report prepared which included a Noise Abatement Action Plan that outlined the schedule for decommissioning that facility. As the Noise Abatement Action Plan required that the facility be fully decommissioned by November 30, 2024, it was expected that there would be no overlap between occupancy of the proposed development and operation of the King Paving facility. Given this timeline, Aercoustics' Noise Impact Study, dated April 28, 2023, did not assess King Paving as a stationary noise source.

The City of Burlington provided comments on the Noise Impact Study that advised that when submitting a formal application for the development the approach of omitting King Paving would not be acceptable. Aercoustics has subsequently reached out to King

Paving who have indicated that the decommissioning was behind schedule, with King Paving operations likely to continue through the first few months of 2025.

Based on information from King Paving's Acoustic Assessment Report, the noise generated from King Paving's operations would result in the sound levels at the proposed development exceeding the Class 1 sound level limits. Given the height of the proposed development the only practical means of mitigating the noise from King Paving would be source-side mitigation such as modifying King Paving equipment or installing acoustic barriers within the King Paving property line. As it is the intention of King Paving to decommission the facility it is unlikely that they would be amenable to such modification to their operations. Further, such mitigation could represent a significant financial cost to mitigate noise for a brief period where occupancy of the proposed development may overlap with the operation of King Paving.

The designation of this development as a Class 4 acoustic area would address any unforeseen overlap in the operation of King Paving and the occupancy of the proposed development.

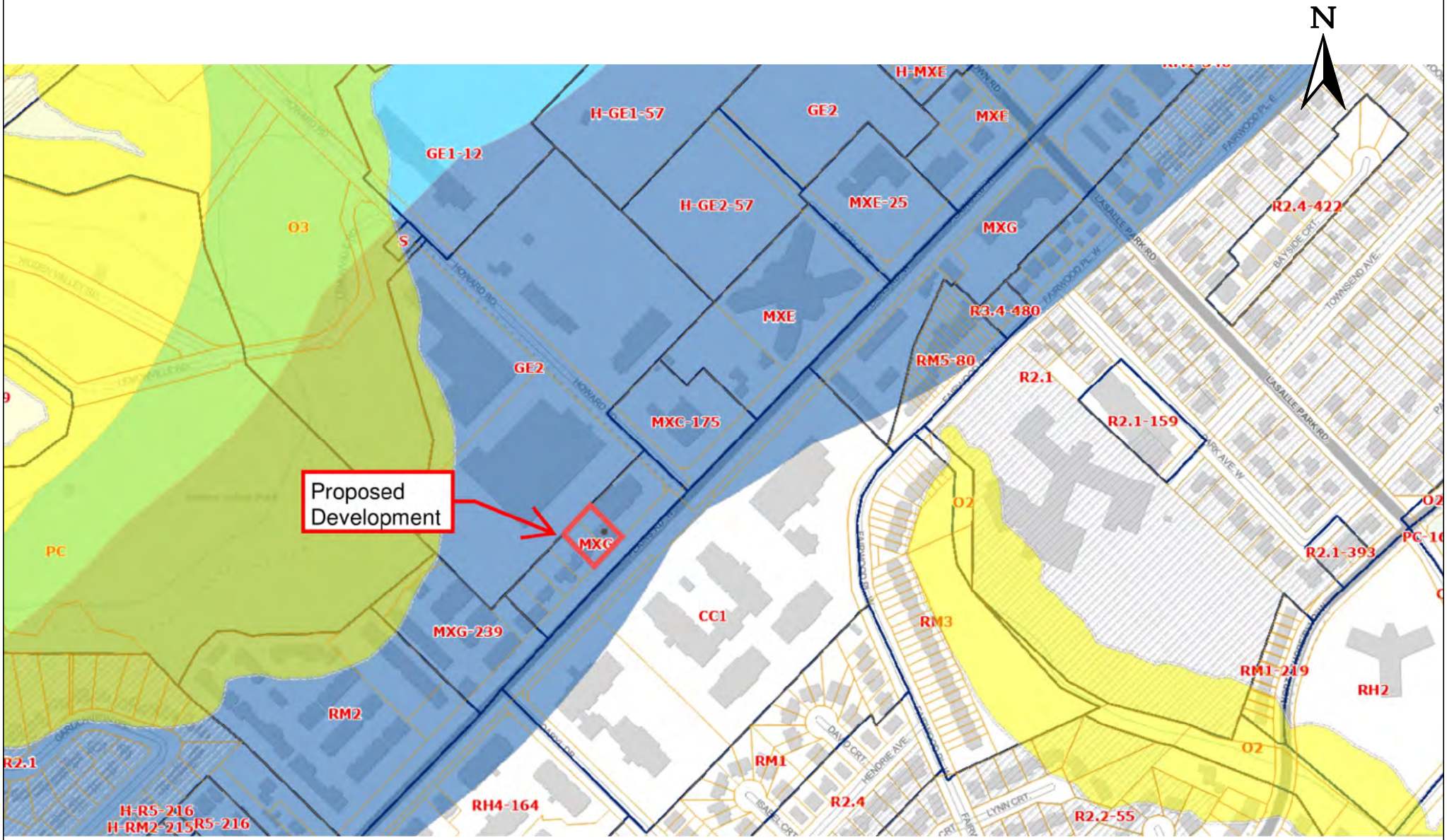
Sincerely,

AERCOUSTICS ENGINEERING LIMITED



Dónal Finnerty, Ph.D.

Appendix B
Zoning Map and Proposed Site Plan



aercoustics	Project ID: 22291.00 Scale: NTS Drawn by: - Reviewed by: - Date: April, 2023 Revision: 1	**Project Name** 141-153 Plains Road West **Figure Title** Zoning Map	**Figure B**



CONTEXT PLAN-NTS
Scale: 1 : 1

1 / A100 SITE PLAN
Scale: 1 : 100

PLAINS ROAD APARTMENT BLDG.

141-153 PLAINS ROAD WEST, BURLINGTON, ON

LOT & BUILDING STATISTICS				
ZONING:	MXG	GENERAL		
	ac	ha	m²	sf
LOT AREA	----	0.2418 ha	2,418 m²	26,027 sf
FAR (FLOOR AREA RATIO)	4.82			

SETBACKS	REQUIRED	PROVIDED
FRONT YARD SETBACK (SOUTH)	3.0 m	3.0 m
REAR YARD SETBACK (NORTH)	3.0 m	13.71 m
SIDE YARD SETBACK (EAST)	----	5.09 m
SIDE YARD SETBACK (WEST)	----	4.43 m
AVERAGE GRADE	----	
AVERAGE GRADE (m)	----	102.79 m

BUILDING DATA	m²	PROVIDED
BUILDING HEIGHT (m)	----	36.96 m
NUMBER OF STOREYS (ABOVE GRADE)	----	11
NUMBER OF STOREYS (BELOW GRADE)	----	2
BUILDING COVERAGE	896.813 m² / 2418 m²	(37.09 %)
LOT COVERAGE	1392.185 m² / 2418 m²	(57.58 %)
LANDSCAPE AREA	921 m² / 2418 m²	(38.09 %)
SOFT LANDSCAPE AREA ON GF, 7TH FLOOR AND GREEN ROOF	642 m² / 2418 m²	(26.55 %)
HARD LANDSCAPE AREA	279 m² / 2418 m²	(11.54 %)
DRIVEWAY AND PARKING AREA (GF)	948.5 m² / 2418 m²	(39.27 %)
RETAIL FLOOR AREA (GROUND FLOOR)	----	180.5 m²
UG PARKING AREA (P1)	----	2,164 m²
UG PARKING AREA (P2)	----	2,164 m²

GROSS BUILDING FLOOR AREA	
LEVEL	GFA (m²)
PARKING LEVEL P2	135 m²
PARKING LEVEL P1	119 m²
GROUND FLOOR	250.5 m²
GROUND FLOOR COMMERCIAL	180.5 m²
LEVEL 2	1033 m²
LEVEL 3	1033 m²
LEVEL 4	1033 m²
LEVEL 5	976 m²
LEVEL 6	976 m²
LEVEL 7	694 m²
LEVEL 8	712 m²
LEVEL 9	712 m²
LEVEL 10	712 m²
LEVEL 11	712 m²
AMENITY & MPH	268 m²
TOTAL	9,546 m²

GROSS FLOOR AREA CALCULATIONS NOTE: A/P CPP BY-LAW - PROPOSED - MAY 2024

THE TOTAL AREA OF THE FLOOR MEASURED TO THE OUTSIDE FACES OF EXTERIOR WALLS OR THE CENTRE OF COMMON WALLS, EXCLUDING ANY PART OF THE BUILDING DEVOTED TO:

- VEHICLE OR BICYCLE PARKING
- STORAGE
- AIR HANDLING EQUIPMENT
- HALLWAYS, STAIRWAYS
- ELEVATORS AND ASSOCIATED EQUIPMENT
- WASHROOMS
- FOYERS, LOBBIES, BUT NOT WAITING AREAS/ROOMS

AMENITY	REQUIRED	PROVIDED
PRIVATE RESIDENTIAL AMENITY (BALCONY, TERRACE)	4m² * 150 UNITS = 600m²	1492 m²
COMMON RESIDENTIAL AMENITY (INDOOR AND OUTDOOR)	4m² * 150 UNITS = 600m²	751 m²
INDOOR AMENITY		216 m²
OUTDOOR AMENITY		535 m²
TOTAL:	1,120 m²	2243 m²

NUMBER OF RESIDENTIAL UNITS					
SUITE TYPE	BA	1BR	2BR	3BR	TOTAL
U/G PARKING P2	0	0	0	0	0
U/G PARKING P1	0	0	0	0	0
GROUND FLOOR	0	0	0	0	0
2ND FLOOR	2	2	11	2	17
3RD FLOOR	2	2	11	2	17
4TH FLOOR	2	2	11	2	17
5TH FLOOR	2	5	8	2	17
6TH FLOOR	2	5	8	2	17
7TH FLOOR	2	4	7	0	13
8TH FLOOR	2	3	8	0	13
8TH FLOOR	2	3	8	0	13
10TH FLOOR	2	3	8	0	13
11TH FLOOR	2	3	8	0	13
AMENITY & MPH	0	0	0	0	0
ROOF	0	0	0	0	0
TOTAL	20	32	88	10	150 UNITS

VEHICLE PARKING			
REQUIRED PARKING SPACES			
	QTY	MAXIMUM REQUIRED	PROVIDED
RESIDENTIAL (MAX 1.20 SPACES PER DWELLING UNIT)	150	180	103 (INCL. 20 EV SPACES , 3 ACCESSIBLE)
VISITOR (MAX 0.15 SPACES PER DWELLING UNIT)	150	23	5 (INCL. 1EV AND 1 ACCESSIBLE)
RETAIL STORE (NON RESIDENTIAL)	175 m²	MAX 4 X PARKING SPACES /100 m2 GFA	4 (INCL. 1EV AND 1 ACCESSIBLE)
		TOTAL REQUIRED:	112 PARKING SPACES*
PROVIDED PARKING PER LEVEL		PROVIDED	PROVIDED TOTAL
U/G PARKING (P2) (RESIDENTIAL ONLY)		41 R. PARKING SPACES 10 EV. PARKING SPACES	51 PARKING SPACES
U/G PARKING (P1) (RESIDENTIAL ONLY)		39 R. PARKING SPACES 10 EV. PARKING SPACES	49 PARKING SPACES
GROUND FLOOR PARKING (LEVEL 1)		2 C. PARKING SPACE 1 EV-C. PARKING SPACES 1 BF-C. ACCESSIBLE P.S. 3 V. PARKING SPACE 1 BF-V. PARKING SPACE 1 EV-V. PARKING SPACES 3 BF-A. ACCESSIBLE P.S.	12 PARKING SPACES
		TOTAL ELECTRIC VEHICLE PARKING PROVIDED:	22 (20%) PARKING SPACES
		TOTAL 'DESIGNED' ELECTRIC VEHICLE PARKING PROVIDED:	90 (80%) PARKING SPACES
		TOTAL PARKING PROVIDED:	112 (100%) PARKING SPACES

NOTE: A/P **COMMUNITY PLANNING PERMIT BY-LAW - PROPOSED – MAY 2024.**
5.23.2. 20% OF THE PROPOSED PARKING SPACES IN ACCORDANCE WITH SECTION 5.21 (PARKING SPACES) OR AS PERMITTED THROUGH VARIATION SHALL BE PROVIDED AS ELECTRIC VEHICLE PARKING SPACES, AND 80% OF THE PROPOSED PARKING SPACES SHALL BE PROVIDED AS DESIGNED ELECTRIC VEHICLE PARKING SPACES.
5.23.3. FOR ANY NON-RESIDENTIAL USE, A MINIMUM OF 10% OF THE PROPOSED PARKING SPACES **SHALL** BE PROVIDED AS **DESIGNED ELECTRIC VEHICLE PARKING SPACES**.

ACCESSIBLE PARKING		
A/P 2016 CITY OF BURLINGTON ACCESSIBILITY DESIGN STANDARDS	REQUIRED 1+3% (F 100) =1 TYPE B)	PROVIDED
ACCESSIBILITY PARKING 1 TYPE 'A'	2 PARKING SPACES	2 PARKING SPACES
ACCESSIBILITY PARKING 1 TYPE 'B'	3 PARKING SPACES	3 PARKING SPACES
ACCESSIBILITY PARKING TOTAL	5 PARKING SPACES	5 PARKING SPACES

BICYCLE SPACE REQUIREMENTS (A/P CITY OF BURLINGTON MAY 2024 DRAFT CPP BY-LAW)				
REQUIRED RESIDENTIAL & RETAIL BIKE PARKING SPACES				
TYPE OF DEVELOPMENT	LONG TERM		SHORT TERM	TOTAL
	(0.5 PER DWELLING UNIT)		(0.1 PER DWELLING UNIT)	
APARTMENT BUILDING (140 DWELLING UNITS)	REQUIRED: 75		REQUIRED: 15	RES. REQUIRED: 90
	(0.1 PER 100 m² 2 MIN)		(0.1 PER 100 m² 2 MIN)	
RETAIL (175 m²)	REQUIRED: 2		REQUIRED: 3	RETAIL REQUIRED: 5
TOTAL	TOTAL REQUIRED: 77		TOTAL REQUIRED: 17	TOTAL REQUIRED: 94
PROVIDED (TOTAL)	PROVIDED: 105 GF: 8 LARGE BIKE: 7 P1: 50 P2: 40		PROVIDED: 23 GF: 23 P1: 0 P2: 0	TOTAL PROVIDED: 128
	(5% OF REQUIRED BICYCLE SPACE)			
LARGE BIKE PARKING	(127 x 5%) REQUIRED: 6.35		PROVIDED: 7	TOTAL PROVIDED: 7

SITE PLAN NOTES:
1. THIS DRAWING MUST BE READ IN CONJUNCTION WITH THE SITE SERVICING AND GRADING DRAWINGS AND THE PROVIDED LEGAL SURVEY.
2. THE ARCHITECT AND/OR CIVIL ENGINEER SHOULD BE CONTACTED FOR CLARIFICATION IF ANY DIMENSIONS OR CONDITIONS ARE NOT CLEARLY DEPICTED IN THESE DRAWINGS.
3. ALL DIMENSIONS ARE IN MILLIMETERS (mm) OR METERS(m) UNLESS NOTED OTHERWISE.
4. ALL UTILITIES ARE NOT NECESSARILY SHOWN ON THIS DRAWING. LOCAL UTILITES SHOULD ALWAYS BE CONSULTED PRIOR TO COMMENCEMENT OF WORK.
5. WHERE UTILITIES ARE SHOWN, LOCATIONS CAN ALSO NOT BE GUARANTEED.
6. ONLY THE OFFICIAL SURVEY PROVIDED SHOULD BE USED AS A REFERENCE FOR LAYING OUT THE FOUNDATION.
7. LOCATION AND SIZE OF ALL UTILITES SHOULD BE VERIFIED IN FIELD.

aaa architects
SUITE 1018 130 QUEENS QUAY EAST TORONTO, ON.
TEL. # : 647 948 4889

DO NOT SCALE THIS DOCUMENT. ALL MEASUREMENTS MUST BE OBTAINED FROM STATED DIMENSIONS. ALL ERRORS AND OMISSIONS MUST BE REPORTED TO THE ARCHITECT IMMEDIATELY. IT IS THE RESPONSIBILITY OF THE CONTRACTORS TO INFORM THEMSELVES OF THE EXACT LOCATION OF, AND ASSUME ALL LIABILITY FOR DAMAGE TO ALL UTILITIES, SERVICES AND STRUCTURES WHETHER ABOVE GROUND OR BELOW GROUND. THE CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND REPORT ANY VARIANCE BEFORE THE ACCURACY CANNOT BE GUARANTEED. WITH THE SOLE EXCEPTION OF THE BENCHMARK(S) SPECIFICALLY DESIGNATED FOR THIS PROJECT, NO ELEVATION INDICATED OR ASSUMED HEREON IS TO BE USED AS A BENCHMARK.
THE DRAWINGS SHOW GENERAL ARRANGEMENT OF ARCHITECTURAL ELEMENTS AND SERVICES. FOLLOW AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION WILL PERMIT. DETAIL APPROVAL FROM CONSULTANT FOR INCORPORATION OF SERVICES BEFORE COMMENCEMENT OF WORK.

REVISION/ISSUES		
#	DATE	DESCRIPTION
1	2024-02-01	RE-ISSUED FOR SPA
2	2024-09-10	RE-ISSUED FOR SPA

SEAL:
ONTARIO ASSOCIATION OF ARCHITECTS
MUHAMMAD ATIF AQEEL
LICENCE 7899

SITE PLAN LEGEND

- PROPOSED RESIDENCE
- PROPERTY LINE
- ROOF OUTLINE
- MAIN/SECONDARY ENTRANCE DOORS
- PROPOSED LANDSCAPING(BY OTHERS)
- XXX.XXm — PROPOSED GRADING ELEVATION-SEE GRADING PLAN
- XXX.XXm — EXISTING GRADING ELEVATION-SEE TOPOGRAPHIC SURVEY
- X.X % — PROPOSED SLOPE-SEE GRADING PLAN
- PROPOSED UNIT PAVING(PATTERN 1)
- PROPOSED UNIT PAVING(PATTERN 2)

BENCHMARK NOTE:

ELEVATIONS SHOWN ARE GEODETIC AND REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM CGVD28 BY DIRECT MEASUREMENT TO A REAL TIME NETWORK

DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE METRIC AND CAN BE CONVERTED TO IMPERIAL BY DIVIDING BY 0.3048



Scale 1 : 200
0 2 4 10 20 m

CITY OF Burlington

CLIENT:
2381798 ONTARIO LIMITED

PROJECT:
141, 147, 153 PLAINS ROAD WEST
NEW APARTMENT BUILDING

DRAWING:
SITE PLAN

SCALE VERIFICATION: 10CM 1INCH
THIS DRAWING IS TO BE PRINTED AT 100% ON ARCH E

DRAWN BY:	CHECKED BY:
HP/DA/MM	AA/MM
DESIGNED BY:	APPROVED BY:
AA/OS	AA/MM
SCALE:	PROJECT No:
As indicated	A22003

DRAWING NO.:
A100

Appendix C
Road Traffic Data

201075-Plains Rd W & Howard Rd

Morning Peak Diagram

Specified Period
From: 7:00:00
To: 9:00:00

One Hour Peak
From: 7:15:00
To: 8:15:00

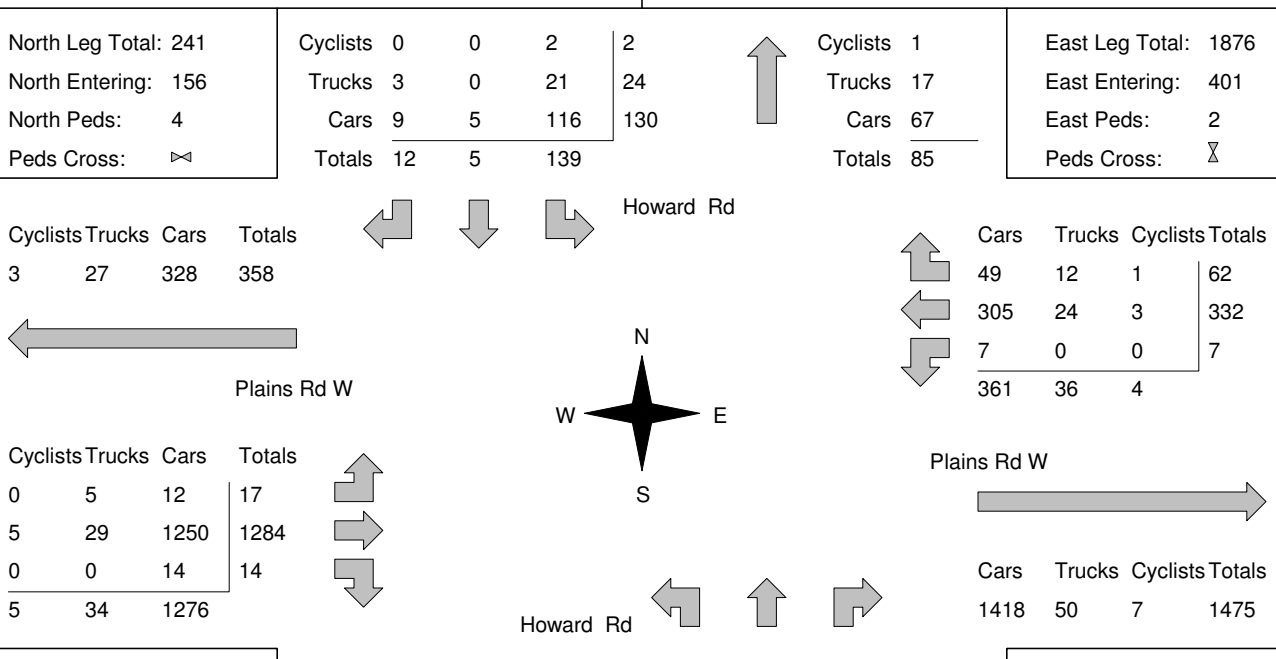
Municipality: Burlington
Site #: 0000201075
Intersection: Plains Rd W & Howard Rd
TFR File #: 1
Count date: 29-May-2019

Weather conditions:
Cloudy

Person(s) who counted:
Nick

**** Signalized Intersection ****

Major Road: Plains Rd W runs W/E



Comments

201075-Plains Rd W & Howard Rd

Mid-day Peak Diagram

Specified Period
From: 11:00:00
To: 14:00:00

One Hour Peak
From: 11:30:00
To: 12:30:00

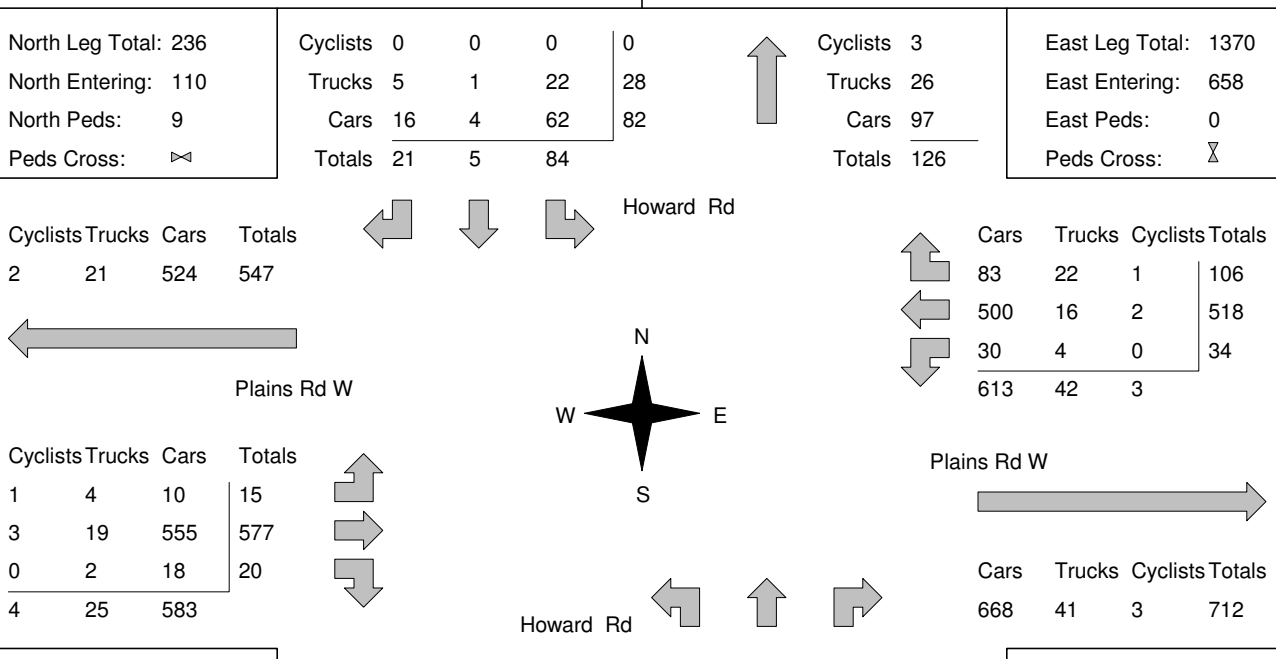
Municipality: Burlington
Site #: 0000201075
Intersection: Plains Rd W & Howard Rd
TFR File #: 1
Count date: 29-May-2019

Weather conditions:
Cloudy

Person(s) who counted:
Nick

**** Signalized Intersection ****

Major Road: Plains Rd W runs W/E



Comments

201075-Plains Rd W & Howard Rd

Afternoon Peak Diagram

Specified Period
From: 15:00:00
To: 18:00:00

One Hour Peak
From: 16:45:00
To: 17:45:00

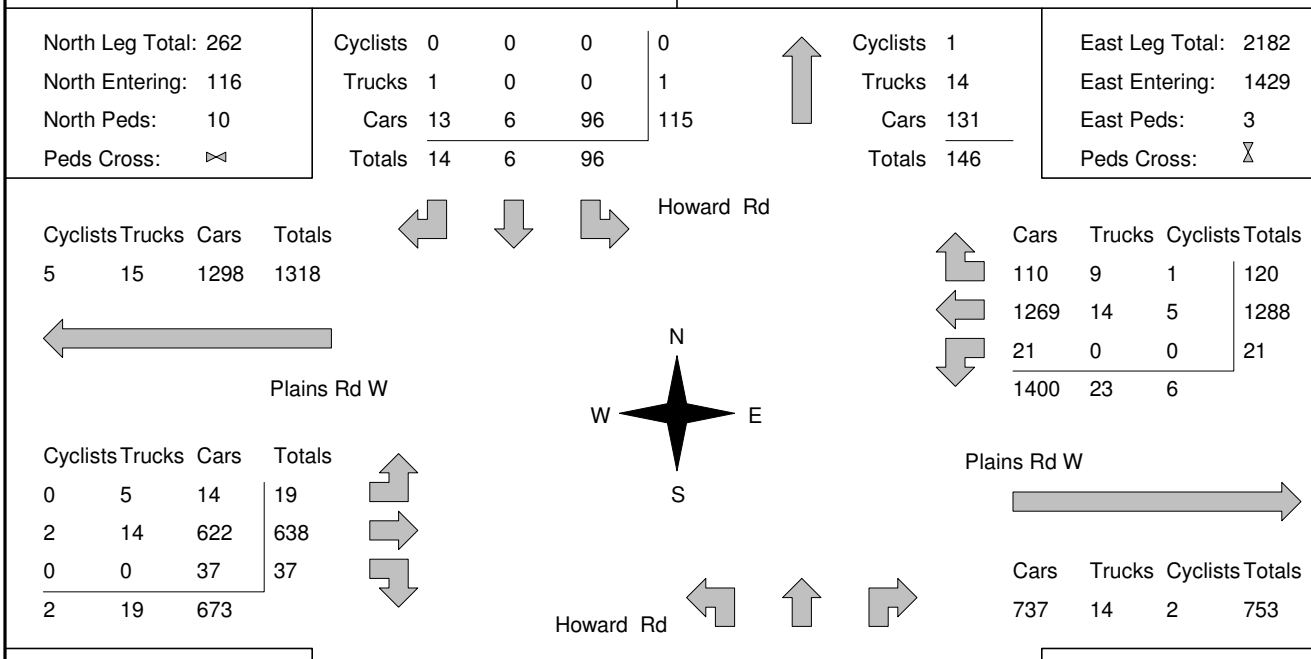
Municipality: Burlington
Site #: 0000201075
Intersection: Plains Rd W & Howard Rd
TFR File #: 1
Count date: 29-May-2019

Weather conditions:
Cloudy

Person(s) who counted:
Nick

**** Signalized Intersection ****

Major Road: Plains Rd W runs W/E



Comments

201075-Plains Rd W & Howard Rd

Total Count Diagram

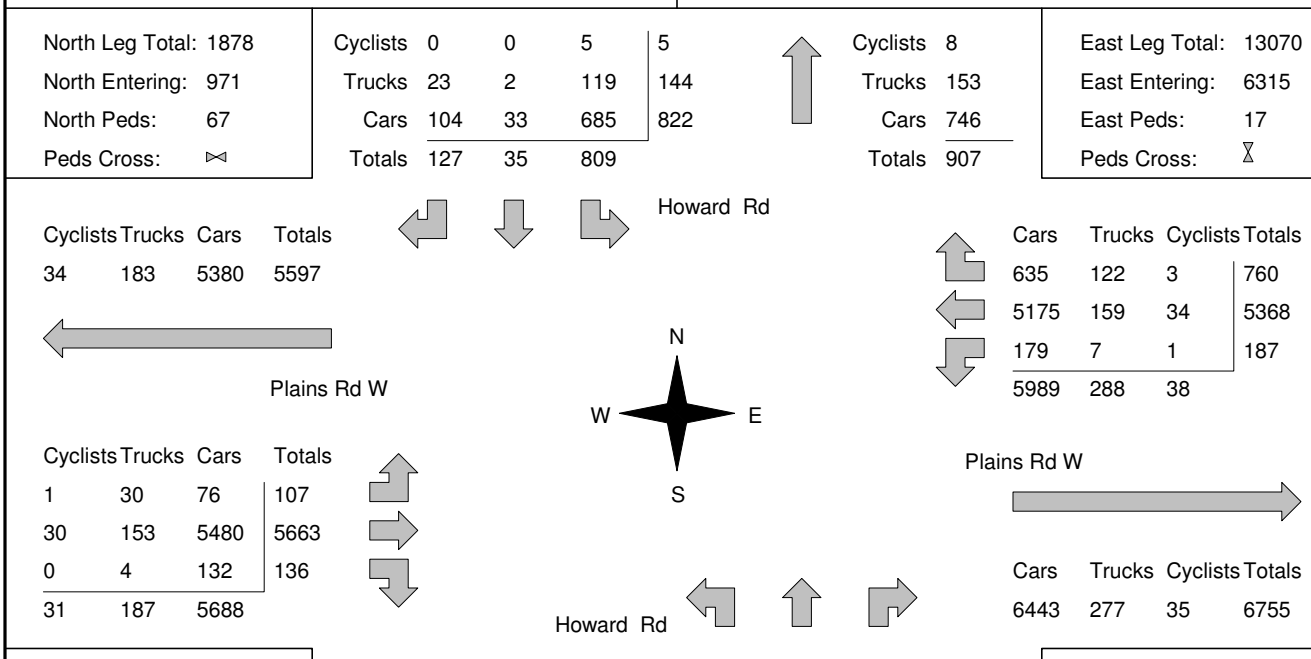
Municipality: Burlington
Site #: 0000201075
Intersection: Plains Rd W & Howard Rd
TFR File #: 1
Count date: 29-May-2019

Weather conditions:
Cloudy

Person(s) who counted:
Nick

**** Signalized Intersection ****

Major Road: Plains Rd W runs W/E



Comments

201075-Plains Rd W & Howard Rd
Traffic Count Summary

Intersection: Plains Rd W & Howard Rd | **Count Date:** 29-May-2019 | **Municipality:** Burlington

North Approach Totals

Hour Ending	Includes Cars, Trucks, & Cyclists: Left	Thru	Right	Grand Total	Total Peds	North/South Total Approaches
7:00:00	0	0	0	0	0	0
8:00:00	121	3	12	136	4	196
9:00:00	132	3	7	142	2	208
11:00:00	0	0	0	0	0	0
12:00:00	83	6	21	110	5	164
13:00:00	82	5	21	108	11	175
14:00:00	72	1	17	90	9	136
15:00:00	0	0	0	0	0	0
16:00:00	110	4	22	136	12	183
17:00:00	110	7	16	133	13	180
18:00:00	99	6	11	116	11	154
Totals:	809	35	127	971	67	1396

South Approach Totals

Hour Ending	Includes Cars, Trucks, & Cyclists: Left	Thru	Right	Grand Total	Total Peds
7:00:00	0	0	0	0	0
8:00:00	10	9	41	60	3
9:00:00	21	0	45	66	3
11:00:00	0	0	0	0	0
12:00:00	7	4	43	54	7
13:00:00	9	3	55	67	6
14:00:00	8	4	34	46	1
15:00:00	0	0	0	0	0
16:00:00	13	7	27	47	9
17:00:00	20	7	20	47	9
18:00:00	14	6	18	38	10
Totals:	102	40	283	425	48

East Approach Totals

Hour Ending	Includes Cars, Trucks, & Cyclists: Left	Thru	Right	Grand Total	Total Peds	East/West Total Approaches
7:00:00	0	0	0	0	0	0
8:00:00	5	293	65	363	2	1695
9:00:00	11	428	63	502	0	1521
11:00:00	0	0	0	0	0	0
12:00:00	26	521	91	638	0	1192
13:00:00	25	520	90	635	0	1232
14:00:00	33	583	85	701	0	1232
15:00:00	0	0	0	0	0	0
16:00:00	32	752	129	913	11	1499
17:00:00	30	1014	117	1161	1	1799
18:00:00	25	1257	120	1402	3	2051
Totals:	187	5368	760	6315	17	12221

West Approach Totals

Hour Ending	Includes Cars, Trucks, & Cyclists: Left	Thru	Right	Grand Total	Total Peds
7:00:00	0	0	0	0	0
8:00:00	19	1300	13	1332	3
9:00:00	15	994	10	1019	2
11:00:00	0	0	0	0	0
12:00:00	10	526	18	554	4
13:00:00	12	571	14	597	8
14:00:00	8	511	12	531	10
15:00:00	0	0	0	0	0
16:00:00	8	567	11	586	9
17:00:00	18	595	25	638	17
18:00:00	17	599	33	649	15
Totals:	107	5663	136	5906	68

Calculated Values for Traffic Crossing Major Street

Hours Ending:	8:00	9:00	12:00	13:00	14:00	16:00	17:00	18:00
Crossing Values:	145	158	100	104	94	150	155	137

Nicholas Zomparelli

From: Iwona Stasiewicz
Sent: August 3, 2022 9:40 AM
To: Nicholas Zomparelli
Subject: FW: Ultimate AADT /forecasted traffic data for Plains Rd W and Howard Rd in Burlington
Attachments: 201075-Plains Rd W _ Howard Rd-.pdf; 201075-Plains Rd W _ Howard Rd-.xls; Receipt.pdf

Nicholas,
Here is data from Burlington.
It has been paid for.
i.

Iwona Stasiewicz, Sr.Eng./Arch.Tech.
IwonaS@aercoustics.com
Tel: +1-416-249-3361;2310
Direct: +1-647-946-8981
www.aercoustics.com

From: Patrau, Florin <Florin.Patrau@burlington.ca>
Sent: Tuesday, August 2, 2022 8:34 AM
To: Iwona Stasiewicz <IwonaS@aercoustics.com>
Subject: RE: Ultimate AADT /forecasted traffic data for Plains Rd W and Howard Rd in Burlington

Hi Iwona, please see attached data files and receipt.

For any questions please let me know.

Regards,

Florin Patrau
Traffic Technologist
Transportation Services
(905) 335-7671 ext 7838

I understand our working hours may be different and want you to know, not only are you not obligated to reply outside of your typical working hours, I am asking you not to reply outside your typical working hours.

From: Iwona Stasiewicz <IwonaS@aercoustics.com>
Sent: Monday, July 25, 2022 3:26 PM
To: Patrau, Florin <Florin.Patrau@burlington.ca>
Subject: Ultimate AADT /forecasted traffic data for Plains Rd W and Howard Rd in Burlington

CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

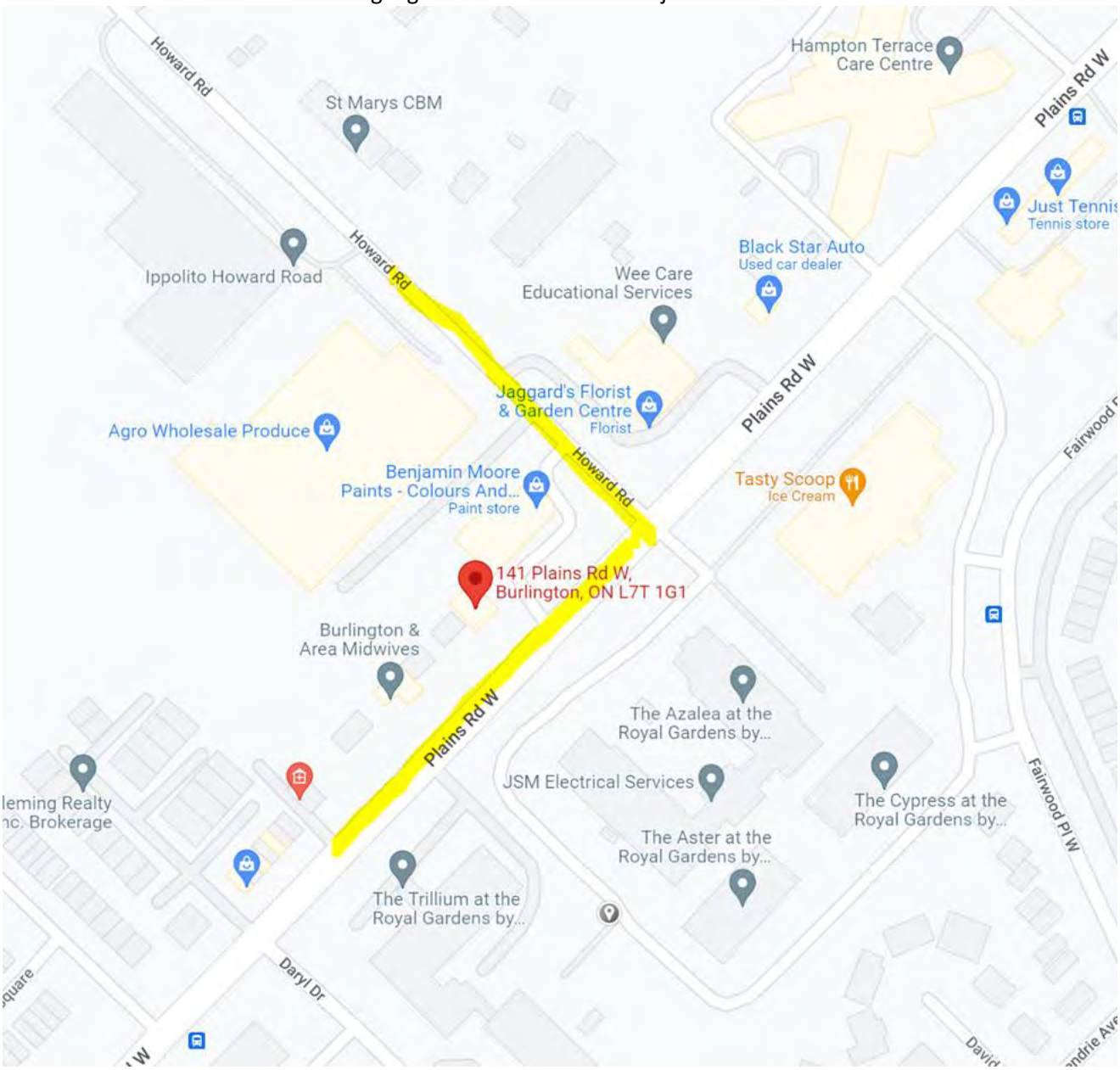
Good Afternoon Florin,

Aercoustics has been hired to prepare a noise impact study for a property located in Burlington, Ontario, and requires traffic data/volumes for:

- Plains Rd W, and
- Howard Rd

Specifically, we are looking for **ultimate AADT with day/night split and truck percentages.**

If this forecast is not available please provide existing/most recent 24hr counts (AADTs) with hourly breakdown as well as truck percentages and medium/heavy truck split and/or TMCs.
This information is needed for the highlighted sections of the subject roads as shown below:



Please provide the data at your earliest convenience.

Kind Regards,
Iwona

aercoustics | Experience the sound. Feel the silence.

Iwona Stasiewicz, Sr.Eng./Arch.Tech.

Aercoustics Engineering Ltd.
1004 Middlegate Road, Suite 1100, Mississauga, ON L4Y 0G1
Tel: +1-416-249-3361 Direct: +1-647-951-1483
www.aercoustics.com

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Appendix D
Sound Data for Stationary Sources and Sample Calculations

Name	Source	Octave Spectrum (dB)								
		63	125	250	500	1000	2000	4000	8000	dBA
Small RTU	5 Ton Carrier RTU	57	76	72	73	75	75	71	69	**81**
Large RTU	20 Ton Carrier RTU	99	92	94	91	90	86	80	80	**94**
Cooling Tower	Aercoustics Database	95	94	94	90	86	79	74	71	**92**
Idling Refrigerated Trailers	Aercoustics Database	104	105	101	100	96	94	88	79	**102**
Moving Trucks	Aercoustics Database	97	101	100	97	93	90	83	76	**99**
Truck Mounted Cementitious Blower	CBM St Mary's Acoustic Assessment Report	102	100	99	98	95	90	85	75	**105**
Tanker Truck – Unloading	CBM St Mary's Acoustic Assessment Report	60	63	63	60	56	53	46	39	**62**
Ready-Mix Truck – Loading	CBM St Mary's Acoustic Assessment Report	110	107	107	104	109	105	99	90	**117**
Ready-Mix Truck – Slumping	CBM St Mary's Acoustic Assessment Report	105	109	110	107	107	105	99	89	**117**
Scale Vibrator	CBM St Mary's Acoustic Assessment Report	116	112	108	105	108	105	101	93	**119**
Dust Collector	CBM St Mary's Acoustic Assessment Report	101	101	105	103	91	85	80	75	**102**
Belt Conveyor	Aercoustics Database	111	42	95	106	101	82	42	42	**105**
Blower	Aercoustics Database	91	106	94	96	93	85	80	71	**98**
Burner	Aercoustics Database	118	117	121	110	103	78	42	42	**114**
Generator	Aercoustics Database	123	131	133	122	120	116	110	102	**127**
Processing Plant	Aercoustics Database	114	117	121	119	119	116	110	110	**123**

Project: 141-153 Plains Road West
Project Number: 22291

Source ID	Source Name	Point of Reception R1		Point of Reception R2		Point of Reception R3		Point of Reception R4		Point of Reception R5g		Point of Reception R6g		Point of Reception R7g	
		Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day
KPC_NC-26b	NC-26b (east)	516	19	509	34	516	26	538	12	496	35	537	14	530	34
KPC_NC-26c	NC-26c (south)	516	23	509	38	517	30	538	17	496	39	537	19	530	38
CBM_A_NS-01	NS-01	268	12	268	25	278	15	287	7	248	22	288	8	279	20
CBM_A_NS-02	NS-02	254	22	259	33	270	22	273	17	240	30	273	18	258	27
CBM_A_NS-03	NS-03	251	26	256	37	267	26	270	21	237	33	270	22	255	30
CBM_A_NS-04	NS-04	255	17	260	28	271	17	274	12	241	29	273	14	259	24
CBM_A_NS-05	NS-05	255	24	260	34	271	24	274	19	241	31	274	19	260	29
CBM_A_NS-06	NS-06	252	26	257	36	268	26	271	20	238	33	271	21	257	30
KPC_NS-06	NS-06	493	20	495	29	505	22	514	15	477	25	513	17	501	30
CBM_A_NS-07	NS-07	256	17	261	28	272	17	275	12	242	28	275	14	261	25
CBM_A_NS-08	NS-08	236	25	244	38	250	26	257	18	224	34	257	19	249	31
CBM_A_NS-09	NS-09	258	32	262	45	273	32	277	27	243	41	277	28	263	40
KPC_NS-09	NS-09	489	30	490	40	500	32	509	25	473	36	508	27	496	39
CBM_A_NS-10	NS-10	261	22	265	34	276	22	280	17	246	34	279	19	266	34
CBM_A_NS-11	NS-11	255	23	255	40	265	28	276	18	237	35	275	19	264	33
CBM_A_NS-12	NS-12	251	22	251	34	261	24	272	10	234	29	272	17	261	27
KPC_NS-12	NS-12	503	21	504	30	514	22	524	15	488	30	523	17	512	30
CBM_A_NS-13	NS-13	255	23	254	42	264	32	276	18	237	38	276	20	265	34
CBM_A_NS-14	NS-14	252	22	251	34	260	24	273	15	233	30	272	16	262	28
CBM_A_NS-15	NS-15	269	24	274	38	280	28	289	17	255	35	287	19	282	33
KPC_NS-16	NS-16	491	21	492	33	503	22	510	16	475	30	509	17	494	33
CBM_A_NS-16	NS-16	328	19	327	31	337	21	349	13	310	27	348	14	337	26
CBM_A_NS-17	NS-17	295	32	295	42	305	34	315	27	278	38	314	28	303	37
CBM_A_NS-18	NS-18	272	28	271	41	281	29	293	22	256	40	292	24	280	40
CBM_A_NS-19	NS-19	266	28	270	38	281	28	285	23	253	39	284	25	272	38
CBM_A_NS-20	NS-20	265	28	269	38	280	28	284	23	252	39	283	25	271	38
CBM_A_NS-21	NS-21	268	20	272	30	283	20	287	15	254	31	286	17	272	27
CBM_A_NS-22	NS-22	265	22	270	33	281	23	284	17	251	34	284	19	270	32
CBM_A_NS-23	NS-23	266	21	270	32	281	22	285	16	251	33	284	18	271	31
KPC_NS-24	NS-24	463	29	462	39	473	31	485	24	447	36	487	26	478	35
CBM_B_NS-24	NS-24	189	10	191	24	201	12	214	4	180	19	216	5	197	15
KPC_NS-25	NS-25	585	33	581	43	589	37	608	27	567	44	608	29	600	44
CBM_B_NS-25	NS-25	218	24	213	37	221	28	240	17	197	33	239	18	231	30
CBM_B_NS-26	NS-26	219	20	214	33	223	24	241	12	198	29	240	13	232	26
KPC_NS-26e	NS-26e	518	21	511	36	519	28	540	15	498	37	539	16	532	36
KPC_NS-27	NS-27	506	26	500	38	508	31	528	19	486	38	527	21	521	38
CBM_B_NS-27	NS-27	216	22	211	36	219	27	238	15	196	32	237	16	230	31
KPC_NS-28	NS-28	539	33	533	44	540	38	562	28	519	45	559	29	553	44
CBM_B_NS-28	NS-28	209	22	207	36	214	25	232	16	190	31	233	16	224	28
KPC_NS-29	NS-29	497	28	498	35	509	24	518	26	481	29	517	27	505	35
CBM_B_NS-29	NS-29	210	24	203	36	210	22	232	21	188	29	231	21	225	29
KPC_NS-30	NS-30	524	26	517	39	524	32	546	20	503	40	544	22	538	39
CBM_B_NS-30	NS-30	213	19	206	35	213	26	235	12	192	29	234	13	228	28
CBM_B_NS-31	NS-31	232	27	226	42	234	33	254	20	211	36	253	21	247	37
CBM_B_NS-32	NS-32	232	19	225	34	233	26	254	12	211	30	253	14	246	28
KPC_NS-32	NS-32	491	20	493	31	503	22	512	15	476	27	511	17	499	31
CBM_B_NS-33	NS-33	172	16	169	30	179	19	191	9	152	26	191	10	182	21
CBM_B_NS-34	NS-34	186	19	182	35	191	24	207	12	165	31	206	13	198	29
CBM_B_NS-35	NS-35	190	35	185	46	191	38	210	28	167	42	209	29	200	40
CBM_B_NS-36	NS-36	198	32	192	44	200	25	220	24	177	39	219	25	212	37
CBM_B_NS-37	NS-37	202	27	195	42	203	25	224	22	181	35	223	23	216	34
CBM_B_NS-38	NS-38	206	13	202	28	210	14	228	8	186	22	227	9	219	21
AGRO_REEFERNEW	REEFER	101	42	122	25	130	25	103	43	105	28	104	41	82	33
AGRO_REEFERNEW	REEFER	104	37	125	25	134	24	107	39	108	28	108	37	86	32
AGRO_REEFERNEW	REEFER	108	36	128	25	137	24	111	37	111	28	112	38	90	32
AGRO_REEFERNEW	REEFER	111	35	132	25	141	24	115	36	114	28	116	36	94	31
AGRO_RefTruck	Refrigeration Truck Movements	124	33	138	30	149	16	143	33	124	27	141	33	114	30
AGRO_RegTruck	Regular Truck Movements	124	29	138	26	149	13	143	29	124	24	141	29	114	26
D06_RTU	Small RTU	43	14	32	40	36	29	59	11	19	24	59	11	59	12
D06_RTU	Small RTU	45	15	36	40	41	27	63	11	20	39	63	11	61	12
D06_RTU	Small RTU	54	13	40	39	43	29	71	10	30	36	70	10	71	10
AGRO_RTU	Small RTU	54	28	71	27	81	9	62	34	49	32	64	22	41	33
AGRO_RTU	Small RTU	55	31	72	15	82	13	64	24	50	31	65	18	43	32
D06_RTU	Small RTU	63	12	49	37	52	29	81	9	39	34	80	9	81	11
AGRO_RTU	Small RTU	60	21	73	33	83	17	70	25	52	31	71	20	49	31
D06_RTU	Small RTU	64	12	50	36	55	27	82	8	41	34	81	9	82	10
AGRO_RTU	Small RTU	60	27	74	13	84	9	75	19	57	30	76	14	56	30
AGRO_RTU	Small RTU	62	24	78	14	88	9	75	22	58	30	76	18	56	30
AGRO_RTU	Small RTU	64	25	79	17	89	10	77	14	59	30	77	11	60	30
AGRO_RTU	Small RTU	68	17	82	15	92	9	82	32	62	29	83	23	61	30
D06_RTU	Small RTU	71	11	57	35	61	27	89	8	47	32	89	8	89	10
AGRO_RTU	Small RTU	75	28	88	31	98	18	88	9	69	33	88	9	76	27
AGRO_RTU	Small RTU	91	13	94	12	104	7	107	13	77	27	107	10	90	26
AGRO_RTU	Small RTU	91	18	103	25	114	10	109	14	82	32	109	11	92	31
AGRO_RTU	Small RTU	94	18	106	24	117	10	112	7	85	31	111	7	103	25
AGRO_RTU	Small RTU	106	13	107	29	117	16	127	6	88	31	127	6	116	28
AGRO_RTU	Small RTU	123	14	130	27	141	13	141	9	109	29	141	7	126	28
D06_RTU	Small RTU	131	7	115	28	117	22	150	4	108	24	148	4	150	21
D06_RTU	Small RTU	135	8	120	28	123	22	155	4	112	24	154	4	153	21
D06_RTU	Small RTU	135	8	122	28	126	22	156	4	112	24	154	4	155	21

Project: 141-153 Plains Road West
Project Number: 22291

Source ID	Source Name	Point of Reception R1		Point of Reception R2		Point of Reception R3		Point of Reception R4		Point of Reception R5g		Point of Reception R6g		Point of Reception R7g	
		Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day	Distance to POR (m)	Sound Level at POR (dBA) Day
D06_RTU	Small RTU	137	8	122	28	126	21	157	4	114	24	156	4	156	21
D06_RTU	Small RTU	139	6	123	28	127	20	158	4	117	23	157	4	159	20
D06_RTU	Small RTU	148	6	131	27	133	22	167	3	126	23	166	4	168	6
D06_RTU	Small RTU	154	7	138	27	140	21	174	3	131	22	172	3	173	20
D06_RTU	Small RTU	155	5	139	27	143	20	174	3	133	22	173	4	175	6
D06_RTU	Small RTU	156	7	141	26	143	21	176	3	134	22	175	3	176	20
Total Level [dBA]			**48**		**56**		**47**		**47**		**54**		**46**		**53**

Receiver: R1

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	48

Receiver Name	Receiver ID	X	Y	Z
R1	R1	592623 m	4795136 m	32.2 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NC-26c	NC-26c (south)	592695.4	4795646.8	3.5	0	89	7.8	A	65.3	3.0	-2.0	15.0	2.4	0.0	0.0	0.0	0.0	0.0	19
KPC_NC-26c	NC-26c (south)	592695.4	4795646.8	2.5	0	89	7.8	A	65.3	3.0	-1.9	15.1	2.4	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-02	NS-02	592532.6	4795371.4	1.0	0	93	0.0	A	59.1	0.0	-0.2	11.1	0.9	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-03	NS-03	592536.3	4795369.4	1.5	0	96	0.0	A	59.0	0.0	-1.0	11.2	1.0	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-04	NS-04	592533.0	4795372.6	4.0	0	86	0.0	A	59.1	0.0	-2.1	11.0	1.0	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-05	NS-05	592534.7	4795373.4	1.0	0	95	0.0	A	59.1	0.0	0.4	10.9	0.9	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-06	NS-06	592538.4	4795371.4	1.5	0	96	0.0	A	59.0	0.0	-0.8	11.3	1.0	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-06	NS-06	592513.7	4795616.1	2.0	0	94	0.0	A	64.9	0.0	-1.0	9.2	0.7	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-07	NS-07	592535.1	4795374.7	4.0	0	86	0.0	A	59.2	0.0	-2.1	11.1	1.0	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-09	NS-09	592540.9	4795378.8	1.5	0	105	0.0	A	59.2	0.0	-0.7	12.5	1.4	0.0	0.0	0.0	0.0	0.0	32
KPC_NS-09	NS-09	592518.3	4795612.6	2.0	0	94	10.1	A	64.8	0.0	-1.0	9.2	0.7	0.0	0.0	0.0	0.0	0.0	30
CBM_A_NS-10	NS-10	592537.9	4795380.7	4.0	0	93	0.0	A	59.3	0.0	-2.0	12.2	1.4	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-11	NS-11	592593.8	4795387.6	1.5	0	105	0.0	A	59.1	0.0	0.4	18.8	1.1	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-12	NS-12	592595.0	4795384.3	4.0	0	95	0.0	A	59.0	0.0	-1.6	12.3	1.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-12	NS-12	592524.7	4795629.7	20.0	0	94	0.0	A	65.0	0.0	-2.1	9.2	0.8	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-13	NS-13	592599.3	4795388.3	1.5	0	105	0.0	A	59.1	0.0	0.7	18.5	1.1	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-14	NS-14	592600.6	4795385.0	4.0	0	95	0.0	A	59.0	0.0	-1.5	12.4	1.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-16	NS-16	592500.9	4795605.1	2.0	0	84	8.8	A	64.7	0.0	-1.8	11.7	1.2	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-16	NS-16	592494.5	4795609.5	2.0	0	84	9.0	A	64.8	0.0	-1.8	11.6	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-16	NS-16	592586.5	4795460.4	4.5	0	104	0.0	A	61.3	0.0	-1.2	11.8	1.2	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592577.3	4795432.5	5.4	0	76	13.1	A	60.6	0.0	-1.8	9.9	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592582.1	4795431.6	5.4	0	76	13.5	A	60.5	0.0	-1.7	9.9	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592589.1	4795428.5	5.4	0	76	14.8	A	60.4	0.0	-1.7	9.9	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592589.6	4795424.7	5.4	0	76	13.2	A	60.3	0.0	-1.7	10.0	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592583.1	4795425.1	5.4	0	76	13.6	A	60.3	0.0	-1.8	9.9	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592578.1	4795425.4	5.4	0	76	15.2	A	60.4	0.0	-1.8	9.9	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592590.2	4795422.3	5.4	0	76	12.6	A	60.2	0.0	-1.7	10.0	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592584.0	4795421.5	5.4	0	76	10.9	A	60.2	0.0	-1.8	9.9	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592593.1	4795420.4	5.4	0	76	14.9	A	60.2	0.0	-1.7	10.0	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592577.4	4795429.9	5.4	0	76	9.0	A	60.5	0.0	-1.8	9.9	1.3	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-17	NS-17	592578.9	4795418.1	5.4	0	76	11.3	A	60.1	0.0	-1.9	9.9	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592566.7	4795431.7	5.4	0	76	12.3	A	60.6	0.0	-1.8	9.8	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-18	NS-18	592558.4	4795406.0	6.4	0	84	12.5	A	59.9	0.0	-2.0	12.9	1.3	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-18	NS-18	592552.0	4795398.0	9.8	0	84	5.7	A	59.7	0.0	-2.1	12.8	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-18	NS-18	592549.1	4795394.3	11.4	0	84	7.9	A	59.6	0.0	-2.2	12.7	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-18	NS-18	592544.1	4795388.1	14.0	0	84	10.2	A	59.5	0.0	-2.3	12.6	1.3	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-19	NS-19	592534.3	4795386.0	18.0	0	96	0.0	A	59.5	0.0	-2.3	10.1	0.5	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-20	NS-20	592530.7	4795383.7	24.0	0	96	0.0	A	59.4	0.0	-2.4	10.0	0.5	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-21	NS-21	592529.9	4795385.5	7.0	0	88	0.0	A	59.5	0.0	-2.3	10.2	0.6	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-22	NS-22	592535.2	4795384.7	5.0	0	110	0.0	A	59.5	0.0	-2.1	11.1	1.4	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-23	NS-23	592535.2	4795385.3	5.0	0	109	0.0	A	59.5	0.0	-2.0	11.1	1.4	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-24	NS-24	592563.8	4795568.1	2.4	0	68	21.5	A	63.8	0.0	-2.0	9.5	1.8	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592570.9	4795577.3	2.4	0	68	24.3	A	64.0	0.0	-2.0	9.5	1.8	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592577.4	4795577.1	2.4	0	68	20.7	A	64.0	0.0	-2.0	9.5	1.8	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-24	NS-24	592584.6	4795607.5	2.4	0	68	23.0	A	64.5	0.0	-2.0	9.5	1.9	0.0	0.0	0.0	0.0	0.0	17

Receiver: R1
Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	48

Receiver Name	Receiver ID	X	Y	Z
R1	R1	592623 m	4795136 m	32.2 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NS-24	NS-24	592568.5	4795635.3	2.4	0	68	22.1	A	65.0	0.0	-2.0	9.4	2.0	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592578.4	4795604.2	2.4	0	68	23.7	A	64.5	0.0	-2.0	9.5	1.9	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592532.9	4795565.9	2.4	0	68	21.9	A	63.9	0.0	-2.1	9.4	1.8	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-25	NS-25	592644.6	4795738.4	2.4	0	74	22.6	A	66.6	0.0	-2.0	9.9	2.2	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-25	NS-25	592661.9	4795739.1	2.4	0	74	27.3	A	66.6	0.0	-2.0	10.1	2.2	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-25	NS-25	592673.4	4795739.7	2.4	0	74	23.4	A	66.7	0.0	-2.0	10.1	2.3	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-25	NS-25	592679.7	4795735.8	2.4	0	74	24.9	A	66.6	0.0	-2.0	10.2	2.2	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-25	NS-25	592689.4	4795724.7	2.4	0	74	25.5	A	66.5	0.0	-2.0	10.5	2.2	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-25	NS-25	592687.4	4795706.3	2.4	0	74	22.1	A	66.2	0.0	-2.0	10.5	2.2	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-25	NS-25	592674.3	4795708.7	2.4	0	74	23.9	A	66.2	0.0	-2.0	10.2	2.2	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-25	NS-25	592663.9	4795710.6	2.4	0	74	23.3	A	66.2	0.0	-2.0	10.2	2.2	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-25	NS-25	592655.3	4795715.5	2.4	0	74	23.5	A	66.3	0.0	-2.0	10.1	2.2	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-25	NS-25	592644.1	4795726.2	2.4	0	74	22.5	A	66.4	0.0	-2.0	10.0	2.2	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-25	NS-25	592705.7	4795719.5	2.4	0	74	19.7	A	66.4	0.0	-2.0	10.6	2.2	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-25	NS-25	592692.9	4795738.5	2.4	0	74	21.1	A	66.7	0.0	-2.0	10.4	2.3	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592644.9	4795711.7	2.4	0	74	20.4	A	66.2	0.0	-2.0	10.0	2.2	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592637.9	4795723.1	2.4	0	74	19.2	A	66.4	0.0	-2.0	9.9	2.2	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-25	NS-25	592674.6	4795697.0	2.4	0	74	17.4	A	66.0	0.0	-2.0	10.3	2.1	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-25	NS-25	592646.1	4795749.2	2.4	0	74	19.2	A	66.8	0.0	-2.0	9.9	2.3	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-25	NS-25	592659.8	4795754.1	2.4	0	74	19.1	A	66.8	0.0	-2.0	10.0	2.3	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-25	NS-25	592647.0	4795350.2	1.0	0	97	0.0	A	57.8	0.0	1.9	13.1	0.8	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-26	NS-26	592643.8	4795352.0	1.5	0	92	0.0	A	57.8	0.0	0.8	13.0	0.9	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-26e	NS-26e	592696.5	4795647.7	3.5	0	102	0.0	A	65.3	0.0	-1.9	15.0	2.4	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-27	NS-27	592691.2	4795637.0	1.2	0	103	0.0	A	65.1	0.0	-0.6	11.7	1.2	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-27	NS-27	592646.9	4795349.1	4.0	0	93	0.0	A	57.7	0.0	-1.3	14.0	0.8	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-28	NS-28	592674.8	4795675.6	2.4	0	79	15.9	A	65.7	0.0	-2.0	10.4	2.1	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-28	NS-28	592685.4	4795679.2	2.4	0	79	22.3	A	65.8	0.0	-2.0	10.6	2.1	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-28	NS-28	592691.6	4795680.9	2.4	0	79	13.2	A	65.8	0.0	-2.0	10.6	2.1	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-28	NS-28	592693.9	4795680.0	2.4	0	79	18.2	A	65.8	0.0	-2.0	10.6	2.1	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-28	NS-28	592696.5	4795678.9	2.4	0	79	14.0	A	65.8	0.0	-2.0	10.7	2.1	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-28	NS-28	592699.6	4795677.6	2.4	0	79	18.6	A	65.8	0.0	-2.0	14.7	2.1	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-28	NS-28	592705.4	4795675.2	2.4	0	79	13.0	A	65.7	0.0	-2.0	10.7	2.1	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-28	NS-28	592711.4	4795672.8	2.4	0	79	18.9	A	65.7	0.0	-2.0	10.8	2.1	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-28	NS-28	592710.5	4795666.8	2.4	0	79	18.2	A	65.6	0.0	-2.0	10.8	2.1	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-28	NS-28	592692.2	4795666.1	2.4	0	79	15.8	A	65.6	0.0	-2.0	10.7	2.1	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-28	NS-28	592684.8	4795668.4	2.4	0	79	19.6	A	65.6	0.0	-2.0	10.6	2.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-28	NS-28	592674.4	4795671.6	2.4	0	79	12.7	A	65.6	0.0	-2.0	10.4	2.1	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-28	NS-28	592712.2	4795658.7	2.4	0	79	20.6	A	65.5	0.0	-2.0	10.8	2.0	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-28	NS-28	592705.6	4795654.8	2.4	0	79	18.6	A	65.4	0.0	-2.0	10.8	2.0	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-28	NS-28	592702.5	4795655.9	2.4	0	79	13.3	A	65.4	0.0	-2.0	10.8	2.0	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-28	NS-28	592714.4	4795654.2	2.4	0	79	17.7	A	65.4	0.0	-2.0	10.8	2.0	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-28	NS-28	592719.6	4795660.4	2.4	0	79	13.1	A	65.5	0.0	-2.0	10.8	2.0	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-28	NS-28	592713.8	4795676.4	2.4	0	79	15.0	A	65.8	0.0	-2.0	10.8	2.1	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-28	NS-28	592683.3	4795663.5	2.4	0	79	16.0	A	65.5	0.0	-2.0	10.6	2.0	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-28	NS-28	592683.2	4795685.3	2.4	0	79	13.8	A	65.9	0.0	-2.0	10.6	2.1	0.0	0.0	0.0	0.0	0.0	16

Receiver: R1
Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	48

Receiver Name	Receiver ID	X	Y	Z
R1	R1	592623 m	4795136 m	32.2 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NS-29	NS-29	592518.4	4795621.3	2.0	0	111	0.0	A	64.9	0.0	-1.7	18.5	1.4	0.0	0.0	0.0	0.0	0.0	28
CBM_B_NS-29	NS-29	592669.1	4795338.9	1.5	0	102	0.0	A	57.5	0.0	-1.8	20.6	1.2	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-30	NS-30	592703.4	4795652.6	2.0	0	104	0.0	A	65.4	0.0	-1.6	12.4	1.4	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-30	NS-30	592670.5	4795342.1	4.0	0	92	0.0	A	57.6	0.0	-1.9	15.6	1.2	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-31	NS-31	592663.6	4795362.9	1.5	0	102	0.0	A	58.3	0.0	0.8	14.3	1.0	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-32	NS-32	592665.1	4795362.3	4.0	0	92	0.0	A	58.3	0.0	-1.2	14.6	1.0	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-32	NS-32	592510.3	4795613.3	2.0	0	95	0.0	A	64.8	0.0	-1.7	10.2	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-34	NS-34	592632.8	4795319.0	2.5	0	104	0.0	A	56.4	0.0	-1.6	15.1	0.9	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592641.7	4795305.9	2.4	0	75	7.7	A	55.8	0.0	-1.7	11.8	0.8	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-35	NS-35	592638.4	4795306.5	2.4	0	75	12.6	A	55.8	0.0	-1.7	11.6	0.8	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-35	NS-35	592635.2	4795307.1	2.4	0	75	13.3	A	55.8	0.0	-1.8	11.5	0.8	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-35	NS-35	592632.6	4795308.5	2.4	0	75	13.2	A	55.9	0.0	-1.8	11.4	0.9	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-35	NS-35	592627.8	4795313.1	2.4	0	75	15.9	A	56.1	0.0	-1.8	11.3	0.9	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-35	NS-35	592647.6	4795314.0	2.4	0	75	15.7	A	56.2	0.0	-1.5	11.8	0.9	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592645.4	4795313.0	2.4	0	75	8.2	A	56.1	0.0	-1.5	11.8	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592644.8	4795315.7	2.4	0	75	11.7	A	56.3	0.0	-1.5	11.7	0.9	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592627.9	4795316.3	2.4	0	75	11.6	A	56.2	0.0	-1.7	11.2	0.9	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592634.5	4795313.2	2.4	0	75	12.7	A	56.1	0.0	-1.7	11.4	0.9	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-35	NS-35	592639.3	4795310.2	2.4	0	75	9.7	A	56.0	0.0	-1.7	11.5	0.9	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592640.3	4795313.9	2.4	0	75	10.7	A	56.2	0.0	-1.6	11.5	0.9	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592642.5	4795314.4	2.4	0	75	13.6	A	56.2	0.0	-1.5	11.7	0.9	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-35	NS-35	592643.7	4795311.6	2.4	0	75	11.0	A	56.1	0.0	-1.6	11.8	0.9	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592636.7	4795323.3	2.4	0	75	9.2	A	56.6	0.0	-1.5	11.3	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592634.2	4795319.9	2.4	0	75	15.5	A	56.4	0.0	-1.6	11.3	0.9	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592630.7	4795318.2	2.4	0	75	8.8	A	56.3	0.0	-1.6	11.3	0.9	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-35	NS-35	592636.9	4795319.9	2.4	0	75	8.9	A	56.4	0.0	-1.5	11.4	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592639.6	4795323.0	2.4	0	75	14.6	A	56.6	0.0	-1.5	11.4	0.9	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-35	NS-35	592636.4	4795339.8	2.4	0	75	14.9	A	57.3	0.0	-1.3	11.1	1.0	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-35	NS-35	592629.9	4795330.2	2.4	0	75	10.4	A	56.9	0.0	-1.5	11.1	0.9	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-35	NS-35	592628.3	4795329.7	2.4	0	75	12.5	A	56.8	0.0	-1.5	11.1	0.9	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592623.5	4795322.8	2.4	0	75	8.0	A	56.5	0.0	-1.6	11.0	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592625.9	4795311.8	2.4	0	75	13.8	A	56.0	0.0	-1.8	11.2	0.9	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-35	NS-35	592624.7	4795320.0	2.4	0	75	12.3	A	56.4	0.0	-1.7	11.1	0.9	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592641.9	4795344.7	2.4	0	75	12.8	A	57.5	0.0	-1.1	11.1	1.0	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-36	NS-36	592658.4	4795328.7	2.5	0	102	0.0	A	56.9	0.0	-0.6	13.5	0.4	0.0	0.0	0.0	0.0	0.0	32
CBM_B_NS-37	NS-37	592661.5	4795332.2	2.5	0	122	0.0	A	57.1	0.0	-0.9	18.7	1.1	0.0	0.0	0.0	0.0	0.0	27
AGRO_REEFERNEW	REEFER	592529.2	4795153.9	1.5	0	102	0.0	A	51.0	0.0	-2.1	9.7	0.5	0.0	0.0	0.0	0.0	0.0	42
AGRO_REEFERNEW	REEFER	592526.1	4795157.0	1.5	0	102	0.0	A	51.3	0.0	-2.1	13.9	0.5	0.0	0.0	0.0	0.0	0.0	37
AGRO_REEFERNEW	REEFER	592522.9	4795160.1	1.5	0	102	0.0	A	51.6	0.0	-2.2	15.0	0.5	0.0	0.0	0.0	0.0	0.0	36
AGRO_REEFERNEW	REEFER	592520.1	4795163.2	1.5	0	102	0.0	A	51.9	0.0	-2.2	15.4	0.6	0.0	0.0	0.0	0.0	0.0	35
AGRO_RefTruck	Refrigeration Truck Movements	592565.5	4795270.0	2.0	0	64	15.0	A	54.5	0.0	-2.6	11.0	0.9	0.0	0.0	0.0	0.0	0.0	15
AGRO_RefTruck	Refrigeration Truck Movements	592536.3	4795239.7	2.0	0	64	17.2	A	53.8	0.0	-2.6	9.3	0.8	0.0	0.0	0.0	0.0	0.0	20
AGRO_RefTruck	Refrigeration Truck Movements	592503.8	4795148.3	2.0	0	64	8.0	A	52.9	0.0	-1.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	20
AGRO_RefTruck	Refrigeration Truck Movements	592511.7	4795138.2	2.0	0	64	12.8	A	52.3	0.0	-1.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	26
AGRO_RefTruck	Refrigeration Truck Movements	592519.4	4795128.4	2.0	0	64	7.7	A	51.7	0.0	-1.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	21

Receiver: R1
Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	48

Receiver Name	Receiver ID	X	Y	Z
R1	R1	592623 m	4795136 m	32.2 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AGRO_RefTruck	Refrigeration Truck Movements	592523.2	4795125.2	2.0	0	64	6.5	A	51.4	0.0	-1.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	20
AGRO_RefTruck	Refrigeration Truck Movements	592531.7	4795121.3	2.0	0	64	11.5	A	50.8	0.0	-1.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	26
AGRO_RefTruck	Refrigeration Truck Movements	592495.7	4795173.2	2.0	0	64	9.5	A	53.7	0.0	-2.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	21
AGRO_RefTruck	Refrigeration Truck Movements	592497.4	4795167.0	2.0	0	64	6.1	A	53.5	0.0	-2.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	18
AGRO_RefTruck	Refrigeration Truck Movements	592498.4	4795163.4	2.0	0	64	5.3	A	53.4	0.0	-2.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	17
AGRO_RefTruck	Refrigeration Truck Movements	592499.3	4795160.1	2.0	0	64	5.4	A	53.3	0.0	-1.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	17
AGRO_RefTruck	Refrigeration Truck Movements	592500.8	4795154.6	2.0	0	64	9.0	A	53.1	0.0	-1.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	21
AGRO_RefTruck	Refrigeration Truck Movements	592498.4	4795194.8	2.0	0	64	10.0	A	54.0	0.0	-2.4	4.8	0.8	0.0	0.0	0.0	0.0	0.0	17
AGRO_RefTruck	Refrigeration Truck Movements	592495.1	4795180.2	2.0	0	64	7.5	A	53.8	0.0	-2.3	0.0	0.8	0.0	0.0	0.0	0.0	0.0	19
AGRO_RegTruck	Regular Truck Movements	592536.3	4795239.7	2.0	0	60	17.2	A	53.8	0.0	-2.6	9.2	0.6	0.0	0.0	0.0	0.0	0.0	16
AGRO_RegTruck	Regular Truck Movements	592503.8	4795148.3	2.0	0	60	8.0	A	52.9	0.0	-1.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	17
AGRO_RegTruck	Regular Truck Movements	592511.7	4795138.2	2.0	0	60	12.8	A	52.3	0.0	-1.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	22
AGRO_RegTruck	Regular Truck Movements	592519.4	4795128.4	2.0	0	60	7.7	A	51.7	0.0	-1.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	18
AGRO_RegTruck	Regular Truck Movements	592523.2	4795125.2	2.0	0	60	6.5	A	51.4	0.0	-1.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	17
AGRO_RegTruck	Regular Truck Movements	592531.7	4795121.3	2.0	0	60	11.5	A	50.8	0.0	-1.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	22
AGRO_RegTruck	Regular Truck Movements	592495.7	4795173.2	2.0	0	60	9.5	A	53.7	0.0	-2.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	17
AGRO_RegTruck	Regular Truck Movements	592500.8	4795154.6	2.0	0	60	9.0	A	53.1	0.0	-1.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	17
AGRO_RegTruck	Regular Truck Movements	592495.1	4795180.2	2.0	0	60	7.5	A	53.8	0.0	-2.2	0.0	0.6	0.0	0.0	0.0	0.0	0.0	15
AGRO_RTU	Small RTU	592582.0	4795160.1	8.0	0	81	0.0	A	45.6	0.0	-2.5	7.1	0.7	0.0	0.0	0.0	0.0	0.0	28
AGRO_RTU	Small RTU	592577.1	4795153.5	8.0	0	81	0.0	A	45.8	0.0	-2.4	4.6	0.7	0.0	0.0	0.0	0.0	0.0	31
AGRO_RTU	Small RTU	592594.8	4795182.9	8.0	0	81	0.0	A	46.6	0.0	-2.5	13.7	0.8	0.0	0.0	0.0	0.0	0.0	21
AGRO_RTU	Small RTU	592575.6	4795163.4	8.0	0	81	0.0	A	46.6	0.0	-2.5	7.0	0.8	0.0	0.0	0.0	0.0	0.0	27
AGRO_RTU	Small RTU	592579.3	4795173.2	8.0	0	81	0.0	A	46.9	0.0	-2.5	10.1	0.8	0.0	0.0	0.0	0.0	0.0	24
AGRO_RTU	Small RTU	592574.0	4795169.7	8.0	0	81	0.0	A	47.2	0.0	-2.6	8.4	0.8	0.0	0.0	0.0	0.0	0.0	25
AGRO_RTU	Small RTU	592611.7	4795198.9	8.0	0	81	0.0	A	47.7	0.0	-2.5	15.9	0.9	0.0	0.0	0.0	0.0	0.0	17
AGRO_RTU	Small RTU	592557.6	4795162.4	8.0	0	81	0.0	A	48.5	0.0	-2.6	4.7	1.0	0.0	0.0	0.0	0.0	0.0	28
AGRO_RTU	Small RTU	592571.6	4795206.9	8.0	0	81	0.0	A	50.2	0.0	-2.7	12.7	1.1	0.0	0.0	0.0	0.0	0.0	18
AGRO_RTU	Small RTU	592567.5	4795207.3	8.0	0	81	0.0	A	50.4	0.0	-2.7	12.4	1.1	0.0	0.0	0.0	0.0	0.0	18

*The total value shown accounts for all modelled sources and may include small contributions from sources not described in the table above

Receiver: R2

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	56

Receiver Name	Receiver ID	X	Y	Z
R2	R2	592645 m	4795140 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NC-26b	NC-26b (east)	592699.2	4795645.3	1.5	0	88	4.5	A	65.1	3.0	-1.5	0.0	2.4	0.0	0.0	0.0	0.0	0.0	29
KPC_NC-26b	NC-26b (east)	592699.2	4795645.3	2.5	0	88	4.5	A	65.1	3.0	-1.9	0.0	2.4	0.0	0.0	0.0	0.0	0.0	30
KPC_NC-26b	NC-26b (east)	592699.2	4795645.3	3.5	0	88	4.5	A	65.1	3.0	-2.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	30
KPC_NC-26c	NC-26c (south)	592695.3	4795646.9	2.5	0	89	7.7	A	65.2	3.0	-1.9	0.0	2.4	0.0	0.0	0.0	0.0	0.0	34
KPC_NC-26c	NC-26c (south)	592697.8	4795644.5	2.5	0	89	0.1	A	65.1	3.0	-1.9	0.0	2.4	0.0	0.0	0.0	0.0	0.0	26
KPC_NC-26c	NC-26c (south)	592695.3	4795646.9	1.5	0	89	7.7	A	65.2	3.0	-1.6	5.1	2.4	0.0	0.0	0.0	0.0	0.0	29
KPC_NC-26c	NC-26c (south)	592697.8	4795644.5	1.5	0	89	0.1	A	65.1	3.0	-1.5	0.0	2.4	0.0	0.0	0.0	0.0	0.0	26
KPC_NC-26c	NC-26c (south)	592695.3	4795646.9	3.5	0	89	7.7	A	65.2	3.0	-2.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	34
KPC_NC-26c	NC-26c (south)	592697.8	4795644.5	3.5	0	89	0.1	A	65.1	3.0	-2.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-01	NS-01	592621.3	4795325.7	0.0	0	62	14.1	A	56.6	0.0	1.9	0.0	1.0	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-01	NS-01	592618.2	4795297.4	0.0	0	62	11.2	A	55.3	0.0	1.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-02	NS-02	592532.6	4795371.4	1.0	0	93	0.0	A	59.3	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	33
CBM_A_NS-03	NS-03	592536.3	4795369.4	1.5	0	96	0.0	A	59.2	0.0	-1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	37
CBM_A_NS-04	NS-04	592533.0	4795372.6	4.0	0	86	0.0	A	59.3	0.0	-2.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-05	NS-05	592534.7	4795373.4	1.0	0	95	0.0	A	59.3	0.0	0.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	34
CBM_A_NS-06	NS-06	592538.4	4795371.4	1.5	0	96	0.0	A	59.2	0.0	-0.6	0.0	1.0	0.0	0.0	0.0	0.0	0.0	36
KPC_NS-06	NS-06	592513.7	4795616.1	2.0	0	94	0.0	A	64.9	0.0	-1.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	29
CBM_A_NS-07	NS-07	592535.1	4795374.7	4.0	0	86	0.0	A	59.3	0.0	-2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-08	NS-08	592644.7	4795356.5	0.0	0	74	4.6	A	57.8	0.0	2.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-08	NS-08	592642.7	4795353.6	0.0	0	74	6.1	A	57.7	0.0	2.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-08	NS-08	592636.4	4795344.9	0.0	0	74	12.4	A	57.4	0.0	2.1	3.4	1.0	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-08	NS-08	592630.2	4795336.2	0.0	0	74	6.0	A	57.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-08	NS-08	592622.3	4795325.2	0.0	0	74	13.6	A	56.6	0.0	1.9	0.0	1.0	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-08	NS-08	592622.0	4795338.7	0.0	0	74	11.9	A	57.1	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-08	NS-08	592614.2	4795346.5	0.0	0	74	8.1	A	57.5	0.0	2.0	3.2	1.1	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-08	NS-08	592606.8	4795354.0	0.0	0	74	11.7	A	57.8	0.0	2.0	3.6	1.1	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-08	NS-08	592620.8	4795324.1	0.0	0	74	13.5	A	56.5	0.0	1.9	0.0	1.0	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-08	NS-08	592621.7	4795377.3	0.0	0	74	10.1	A	58.6	0.0	2.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-08	NS-08	592627.4	4795373.1	0.0	0	74	6.1	A	58.5	0.0	2.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-08	NS-08	592635.9	4795366.7	0.0	0	74	12.4	A	58.2	0.0	2.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-08	NS-08	592618.2	4795297.6	0.0	0	74	11.2	A	55.3	0.0	1.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-08	NS-08	592589.7	4795384.3	0.0	0	74	10.5	A	59.1	0.0	2.1	4.1	1.2	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-08	NS-08	592616.6	4795298.6	0.0	0	74	11.0	A	55.3	0.0	1.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-08	NS-08	592542.5	4795377.2	0.0	0	74	9.9	A	59.3	0.0	2.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-08	NS-08	592531.7	4795388.4	0.0	0	74	13.3	A	59.8	0.0	2.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-08	NS-08	592616.0	4795309.8	0.0	0	74	10.7	A	55.9	0.0	1.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-08	NS-08	592614.2	4795309.8	0.0	0	74	10.2	A	55.9	0.0	1.7	0.0	0.9	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-08	NS-08	592555.2	4795399.1	0.0	0	74	13.1	A	59.8	0.0	2.1	4.7	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-08	NS-08	592607.9	4795381.4	0.0	0	74	8.4	A	58.8	0.0	2.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-08	NS-08	592614.4	4795380.7	0.0	0	74	8.0	A	58.8	0.0	2.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-08	NS-08	592556.9	4795374.2	0.0	0	74	4.4	A	59.0	0.0	2.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-08	NS-08	592618.9	4795290.9	0.0	0	74	5.9	A	54.9	0.0	1.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-08	NS-08	592619.6	4795289.9	0.0	0	74	4.5	A	54.9	0.0	1.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-08	NS-08	592601.2	4795381.3	0.0	0	74	8.5	A	58.9	0.0	2.1	0.0	1.2	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-08	NS-08	592521.2	4795398.5	0.0	0	74	9.0	A	60.2	0.0	2.1	0.0	1.4	0.0	0.0	0.0	0.0	0.0	19

Receiver: R2

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	56

Receiver Name	Receiver ID	X	Y	Z
R2	R2	592645 m	4795140 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_A_NS-08	NS-08	592644.7	4795358.9	0.0	0	74	4.7	A	57.9	0.0	2.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-08	NS-08	592548.5	4795372.8	0.0	0	74	7.3	A	59.1	0.0	2.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-08	NS-08	592553.4	4795372.7	0.0	0	74	7.0	A	59.0	0.0	2.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-08	NS-08	592598.9	4795381.2	0.0	0	74	5.6	A	58.9	0.0	2.1	0.0	1.2	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-08	NS-08	592602.9	4795382.6	0.0	0	74	5.5	A	58.9	0.0	2.1	0.0	1.2	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-08	NS-08	592601.2	4795379.1	0.0	0	74	4.4	A	58.8	0.0	2.1	0.0	1.2	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-08	NS-08	592517.5	4795403.2	0.0	0	74	5.6	A	60.4	0.0	2.1	0.0	1.4	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-09	NS-09	592540.9	4795378.8	1.5	0	105	0.0	A	59.4	0.0	-0.4	0.0	1.5	0.0	0.0	0.0	0.0	0.0	45
KPC_NS-09	NS-09	592518.3	4795612.6	2.0	0	94	10.1	A	64.8	0.0	-1.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	40
CBM_A_NS-10	NS-10	592537.9	4795380.7	4.0	0	93	0.0	A	59.5	0.0	-1.9	0.0	1.5	0.0	0.0	0.0	0.0	0.0	34
CBM_A_NS-11	NS-11	592593.8	4795387.6	1.5	0	105	0.0	A	59.1	0.0	0.7	1.9	1.1	0.0	0.0	0.0	0.0	0.0	40
CBM_A_NS-12	NS-12	592595.0	4795384.3	4.0	0	95	0.0	A	59.0	0.0	-1.5	0.0	1.1	0.0	0.0	0.0	0.0	0.0	34
KPC_NS-12	NS-12	592524.7	4795629.7	20.0	0	94	0.0	A	65.1	0.0	-2.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	30
CBM_A_NS-13	NS-13	592599.3	4795388.3	1.5	0	105	0.0	A	59.1	0.0	0.8	0.0	1.1	0.0	0.0	0.0	0.0	0.0	42
CBM_A_NS-14	NS-14	592600.6	4795385.0	4.0	0	95	0.0	A	59.0	0.0	-1.4	0.0	1.1	0.0	0.0	0.0	0.0	0.0	34
CBM_A_NS-15	NS-15	592637.5	4795344.5	3.2	0	71	13.4	A	57.3	0.0	-1.3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-15	NS-15	592630.4	4795333.7	3.2	0	71	6.1	A	56.9	0.0	-1.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-15	NS-15	592623.2	4795323.0	3.2	0	71	13.4	A	56.4	0.0	-1.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	29
CBM_A_NS-15	NS-15	592615.2	4795451.4	3.2	0	71	10.8	A	60.9	0.0	-1.0	4.3	1.5	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-15	NS-15	592621.8	4795445.4	3.2	0	71	7.7	A	60.8	0.0	-1.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-15	NS-15	592633.7	4795434.4	3.2	0	71	14.2	A	60.4	0.0	-1.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-15	NS-15	592647.2	4795422.1	3.2	0	71	10.0	A	60.1	0.0	-1.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-15	NS-15	592656.6	4795413.4	3.2	0	71	11.9	A	59.8	0.0	-1.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-15	NS-15	592669.1	4795401.9	3.2	0	71	11.8	A	59.5	0.0	-1.3	0.0	1.3	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-15	NS-15	592668.7	4795378.5	3.2	0	71	13.3	A	58.7	0.0	-1.7	0.0	1.2	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-15	NS-15	592655.0	4795364.9	3.2	0	71	11.8	A	58.1	0.0	-1.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-15	NS-15	592646.8	4795356.8	3.2	0	71	9.1	A	57.8	0.0	-1.1	0.0	1.1	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-15	NS-15	592513.6	4795411.4	3.2	0	71	10.0	A	60.6	0.0	-1.7	0.0	1.4	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-15	NS-15	592519.8	4795416.8	3.2	0	71	8.1	A	60.7	0.0	-1.6	0.0	1.5	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-15	NS-15	592529.4	4795425.2	3.2	0	71	9.6	A	60.8	0.0	-1.6	0.0	1.5	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-15	NS-15	592534.8	4795429.9	3.2	0	71	7.0	A	60.9	0.0	-1.3	0.0	1.5	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-15	NS-15	592546.8	4795440.4	3.2	0	71	14.3	A	61.0	0.0	-1.5	0.0	1.5	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-15	NS-15	592618.2	4795297.9	3.2	0	71	11.2	A	55.2	0.0	-2.3	0.0	0.8	0.0	0.0	0.0	0.0	0.0	29
CBM_A_NS-15	NS-15	592616.5	4795309.0	3.2	0	71	10.0	A	55.8	0.0	-2.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-15	NS-15	592620.1	4795289.4	3.2	0	71	6.7	A	54.8	0.0	-2.4	0.0	0.8	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-15	NS-15	592675.5	4795391.4	3.2	0	71	10.4	A	59.1	0.0	-1.6	0.0	1.2	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-15	NS-15	592560.1	4795451.2	3.2	0	71	8.8	A	61.2	0.0	-1.2	0.0	1.5	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-15	NS-15	592565.3	4795454.5	3.2	0	71	6.7	A	61.3	0.0	-1.2	0.0	1.5	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-15	NS-15	592589.5	4795461.0	3.2	0	71	11.6	A	61.3	0.0	-1.1	0.0	1.5	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-15	NS-15	592598.4	4795460.2	3.2	0	71	5.7	A	61.2	0.0	-1.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-15	NS-15	592604.5	4795458.5	3.2	0	71	9.5	A	61.2	0.0	-1.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-15	NS-15	592574.9	4795459.0	3.2	0	71	7.6	A	61.3	0.0	-1.1	0.0	1.5	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-15	NS-15	592579.5	4795460.4	3.2	0	71	5.9	A	61.3	0.0	-1.1	0.0	1.6	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-15	NS-15	592509.5	4795398.0	3.2	0	71	9.7	A	60.3	0.0	-2.1	0.0	1.4	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-15	NS-15	592509.3	4795406.0	3.2	0	71	6.3	A	60.5	0.0	-1.9	0.0	1.4	0.0	0.0	0.0	0.0	0.0	17

Receiver: R2

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	56

Receiver Name	Receiver ID	X	Y	Z
R2	R2	592645 m	4795140 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_A_NS-15	NS-15	592510.1	4795389.8	3.2	0	71	3.3	A	60.1	0.0	-2.2	0.0	1.4	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-16	NS-16	592496.1	4795608.4	2.0	0	84	12.8	A	64.8	0.0	-1.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	33
CBM_A_NS-16	NS-16	592586.5	4795460.4	4.5	0	104	0.0	A	61.3	0.0	-1.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	31
CBM_A_NS-17	NS-17	592566.9	4795434.4	5.4	0	76	4.2	A	60.7	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592570.8	4795433.7	5.4	0	76	9.2	A	60.7	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-17	NS-17	592575.6	4795432.8	5.4	0	76	12.4	A	60.6	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-17	NS-17	592581.0	4795431.7	5.4	0	76	14.3	A	60.5	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	30
CBM_A_NS-17	NS-17	592584.1	4795431.2	5.4	0	76	6.3	A	60.5	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-17	NS-17	592586.0	4795430.3	5.4	0	76	11.8	A	60.5	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-17	NS-17	592590.8	4795427.6	5.4	0	76	12.7	A	60.4	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	29
CBM_A_NS-17	NS-17	592591.4	4795424.5	5.4	0	76	10.7	A	60.3	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-17	NS-17	592586.7	4795424.9	5.4	0	76	10.9	A	60.3	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-17	NS-17	592582.2	4795425.2	5.4	0	76	14.2	A	60.3	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	30
CBM_A_NS-17	NS-17	592577.0	4795425.5	5.4	0	76	15.3	A	60.4	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	31
CBM_A_NS-17	NS-17	592574.6	4795425.7	5.4	0	76	-0.5	A	60.4	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-17	NS-17	592573.7	4795427.1	5.4	0	76	7.0	A	60.5	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-17	NS-17	592591.8	4795422.7	5.4	0	76	10.3	A	60.2	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-17	NS-17	592587.8	4795421.7	5.4	0	76	9.1	A	60.2	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-17	NS-17	592586.2	4795421.3	5.4	0	76	4.3	A	60.2	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592583.4	4795421.5	5.4	0	76	10.8	A	60.2	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-17	NS-17	592578.8	4795421.7	5.4	0	76	5.9	A	60.3	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-17	NS-17	592595.6	4795421.5	5.4	0	76	9.1	A	60.2	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-17	NS-17	592592.7	4795420.0	5.4	0	76	13.1	A	60.1	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	29
CBM_A_NS-17	NS-17	592588.7	4795419.7	5.4	0	76	4.0	A	60.1	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592591.1	4795425.9	5.4	0	76	4.6	A	60.3	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592586.2	4795427.3	5.4	0	76	4.8	A	60.4	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592581.4	4795428.7	5.4	0	76	8.1	A	60.5	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-17	NS-17	592575.9	4795430.3	5.4	0	76	9.3	A	60.5	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-17	NS-17	592572.1	4795431.4	5.4	0	76	6.4	A	60.6	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-17	NS-17	592569.9	4795432.2	5.4	0	76	5.5	A	60.6	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592567.1	4795433.5	5.4	0	76	4.6	A	60.7	0.0	-1.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592576.0	4795418.8	5.4	0	76	2.5	A	60.2	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592578.5	4795418.3	5.4	0	76	11.7	A	60.2	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-17	NS-17	592582.1	4795416.5	5.4	0	76	0.4	A	60.1	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592583.2	4795416.0	5.4	0	76	0.2	A	60.1	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592564.6	4795431.3	5.4	0	76	5.1	A	60.6	0.0	-1.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592566.5	4795431.8	5.4	0	76	11.6	A	60.6	0.0	-1.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-17	NS-17	592569.8	4795431.0	5.4	0	76	2.5	A	60.6	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592584.7	4795417.2	5.4	0	76	3.5	A	60.1	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592582.9	4795417.7	5.4	0	76	8.5	A	60.1	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-17	NS-17	592579.3	4795419.7	5.4	0	76	7.2	A	60.2	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-17	NS-17	592585.7	4795419.1	5.4	0	76	2.0	A	60.1	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592583.3	4795419.5	5.4	0	76	8.3	A	60.2	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-17	NS-17	592579.0	4795420.8	5.4	0	76	4.7	A	60.2	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592586.0	4795432.7	5.4	0	76	0.7	A	60.5	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	16

Receiver: R2

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	56

Receiver Name	Receiver ID	X	Y	Z
R2	R2	592645 m	4795140 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_A_NS-17	NS-17	592589.4	4795430.5	5.4	0	76	6.5	A	60.5	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-17	NS-17	592593.1	4795427.6	5.4	0	76	6.3	A	60.4	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-17	NS-17	592572.1	4795424.6	5.4	0	76	6.3	A	60.4	0.0	-1.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-17	NS-17	592571.6	4795422.7	5.4	0	76	3.1	A	60.3	0.0	-1.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592570.9	4795422.4	5.4	0	76	2.1	A	60.3	0.0	-1.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592591.2	4795425.6	5.4	0	76	-0.4	A	60.3	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592586.3	4795426.8	5.4	0	76	-0.2	A	60.4	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592581.6	4795427.9	5.4	0	76	3.1	A	60.4	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592576.2	4795429.2	5.4	0	76	4.2	A	60.5	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592572.8	4795430.0	5.4	0	76	-0.6	A	60.5	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-17	NS-17	592596.9	4795420.5	5.4	0	76	8.5	A	60.1	0.0	-1.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-17	NS-17	592565.9	4795435.1	5.4	0	76	0.5	A	60.7	0.0	-1.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592570.1	4795435.0	5.4	0	76	4.1	A	60.7	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592574.7	4795434.7	5.4	0	76	3.1	A	60.7	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592593.2	4795417.4	5.4	0	76	4.2	A	60.1	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592591.1	4795417.9	5.4	0	76	4.0	A	60.1	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592588.9	4795418.8	5.4	0	76	0.9	A	60.1	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592573.9	4795424.1	5.4	0	76	7.2	A	60.4	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-17	NS-17	592572.9	4795423.7	5.4	0	76	6.1	A	60.4	0.0	-1.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-17	NS-17	592567.5	4795429.5	5.4	0	76	4.4	A	60.6	0.0	-1.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592565.5	4795429.2	5.4	0	76	0.0	A	60.6	0.0	-1.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592563.9	4795432.5	5.4	0	76	3.2	A	60.7	0.0	-1.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592573.4	4795426.6	5.4	0	76	0.2	A	60.4	0.0	-1.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-18	NS-18	592558.5	4795406.1	6.4	0	84	14.4	A	60.0	0.0	-2.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	39
CBM_A_NS-18	NS-18	592548.7	4795393.9	11.6	0	84	7.3	A	59.7	0.0	-2.1	0.0	1.3	0.0	0.0	0.0	0.0	0.0	32
CBM_A_NS-18	NS-18	592544.4	4795388.5	13.9	0	84	9.6	A	59.6	0.0	-2.2	0.0	1.3	0.0	0.0	0.0	0.0	0.0	35
CBM_A_NS-18	NS-18	592541.3	4795384.6	15.5	0	84	1.5	A	59.5	0.0	-2.2	0.0	1.3	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-18	NS-18	592540.6	4795383.8	15.9	0	84	-0.7	A	59.5	0.0	-2.2	0.0	1.3	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-19	NS-19	592534.3	4795386.0	18.0	0	96	0.0	A	59.6	0.0	-2.3	0.0	0.6	0.0	0.0	0.0	0.0	0.0	38
CBM_A_NS-20	NS-20	592530.7	4795383.7	24.0	0	96	0.0	A	59.6	0.0	-2.3	0.0	0.6	0.0	0.0	0.0	0.0	0.0	38
CBM_A_NS-21	NS-21	592529.9	4795385.5	7.0	0	88	0.0	A	59.7	0.0	-2.3	0.0	0.6	0.0	0.0	0.0	0.0	0.0	30
CBM_A_NS-22	NS-22	592535.2	4795384.7	5.0	0	110	0.0	A	59.6	0.0	-2.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	33
CBM_A_NS-23	NS-23	592535.2	4795385.3	5.0	0	109	0.0	A	59.6	0.0	-1.9	0.0	1.4	0.0	0.0	0.0	0.0	0.0	32
KPC_NS-24	NS-24	592554.3	4795556.1	2.4	0	68	16.5	A	63.6	0.0	-2.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-24	NS-24	592558.9	4795561.7	2.4	0	68	18.1	A	63.7	0.0	-2.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-24	NS-24	592569.1	4795574.5	2.4	0	68	26.4	A	63.9	0.0	-1.9	0.0	1.8	0.0	0.0	0.0	0.0	0.0	30
KPC_NS-24	NS-24	592577.9	4795577.4	2.4	0	68	19.5	A	63.9	0.0	-1.9	0.0	1.8	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-24	NS-24	592582.7	4795578.8	2.4	0	68	13.0	A	64.0	0.0	-1.9	0.0	1.8	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592582.4	4795599.2	2.4	0	68	20.1	A	64.3	0.0	-1.9	0.0	1.8	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-24	NS-24	592584.5	4795610.4	2.4	0	68	22.5	A	64.5	0.0	-1.9	0.0	1.9	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-24	NS-24	592559.2	4795630.6	2.4	0	68	20.0	A	65.0	0.0	-2.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-24	NS-24	592566.9	4795635.7	2.4	0	68	22.9	A	65.0	0.0	-1.9	0.0	2.0	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-24	NS-24	592579.0	4795618.0	2.4	0	68	17.2	A	64.7	0.0	-1.9	0.0	1.9	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592579.1	4795601.2	2.4	0	68	19.8	A	64.4	0.0	-1.9	0.0	1.9	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-24	NS-24	592577.2	4795599.0	2.4	0	68	19.3	A	64.3	0.0	-1.9	0.0	1.8	0.0	0.0	0.0	0.0	0.0	23

Receiver: R2

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	56

Receiver Name	Receiver ID	X	Y	Z
R2	R2	592645 m	4795140 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NS-24	NS-24	592569.8	4795557.3	2.4	0	68	20.1	A	63.6	0.0	-1.9	0.0	1.7	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-24	NS-24	592560.5	4795551.2	2.4	0	68	15.2	A	63.5	0.0	-1.9	0.0	1.7	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592555.5	4795550.5	2.4	0	68	14.9	A	63.5	0.0	-2.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592558.0	4795597.1	2.4	0	68	17.9	A	64.4	0.0	-2.0	4.8	1.9	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592552.8	4795593.7	2.4	0	68	13.4	A	64.3	0.0	-2.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592546.1	4795595.3	2.4	0	68	16.9	A	64.4	0.0	-2.0	4.8	1.9	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592527.5	4795570.0	2.4	0	68	19.1	A	64.0	0.0	-2.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-24	NS-24	592535.1	4795565.3	2.4	0	68	13.8	A	63.9	0.0	-2.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592538.9	4795561.4	2.4	0	68	15.5	A	63.8	0.0	-2.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592544.3	4795555.0	2.4	0	68	11.9	A	63.6	0.0	-2.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592553.1	4795561.8	2.4	0	68	15.2	A	63.7	0.0	-2.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592557.2	4795572.3	2.4	0	68	14.8	A	63.9	0.0	-2.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592563.4	4795583.1	2.4	0	68	18.1	A	64.1	0.0	-2.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-24	NS-24	592588.0	4795590.9	2.4	0	68	20.3	A	64.2	0.0	-1.9	0.0	1.8	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-24	NS-24	592544.4	4795602.8	2.4	0	68	14.0	A	64.5	0.0	-2.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592549.7	4795607.3	2.4	0	68	12.6	A	64.6	0.0	-2.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592554.4	4795611.4	2.4	0	68	17.6	A	64.6	0.0	-2.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-24	NS-24	592521.9	4795578.6	2.4	0	68	17.9	A	64.2	0.0	-2.1	0.0	1.8	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-24	NS-24	592528.1	4795576.5	2.4	0	68	15.6	A	64.1	0.0	-2.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592543.8	4795561.8	2.4	0	68	18.5	A	63.8	0.0	-2.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-24	NS-24	592538.4	4795566.9	2.4	0	68	12.4	A	63.9	0.0	-2.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592569.6	4795625.2	2.4	0	68	18.1	A	64.8	0.0	-1.9	0.0	1.9	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-24	NS-24	592561.2	4795620.3	2.4	0	68	15.0	A	64.8	0.0	-2.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592538.8	4795556.9	2.4	0	68	11.7	A	63.7	0.0	-2.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592529.7	4795563.6	2.4	0	68	16.2	A	63.9	0.0	-2.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592521.5	4795570.7	2.4	0	68	13.4	A	64.0	0.0	-2.1	0.0	1.8	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592574.1	4795621.8	2.4	0	68	17.3	A	64.8	0.0	-1.9	0.0	1.9	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592570.3	4795617.0	2.4	0	68	16.2	A	64.7	0.0	-1.9	0.0	1.9	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592556.6	4795603.8	2.4	0	68	15.8	A	64.5	0.0	-2.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592547.4	4795561.1	2.4	0	68	14.9	A	63.7	0.0	-2.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592549.2	4795565.3	2.4	0	68	15.1	A	63.8	0.0	-2.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592576.3	4795592.5	2.4	0	68	18.2	A	64.2	0.0	-1.9	0.0	1.8	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-24	NS-24	592556.1	4795635.5	2.4	0	68	18.0	A	65.1	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-24	NS-24	592568.1	4795644.1	2.4	0	68	16.4	A	65.2	0.0	-1.9	0.0	2.0	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592560.6	4795614.5	2.4	0	68	16.7	A	64.7	0.0	-2.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592551.1	4795562.4	2.4	0	68	12.9	A	63.7	0.0	-2.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-24	NS-24	592622.2	4795325.6	0.0	0	61	13.5	A	56.6	0.0	1.9	0.0	1.0	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-24	NS-24	592622.4	4795325.8	0.0	0	61	13.6	A	56.6	0.0	1.9	0.0	1.0	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-25	NS-25	592638.3	4795738.2	2.4	0	74	16.8	A	66.5	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-25	NS-25	592650.7	4795738.5	2.4	0	74	24.3	A	66.5	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	32
KPC_NS-25	NS-25	592668.0	4795739.1	2.4	0	74	28.2	A	66.6	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	36
KPC_NS-25	NS-25	592679.8	4795736.1	2.4	0	74	24.0	A	66.5	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	31
KPC_NS-25	NS-25	592683.6	4795731.7	2.4	0	74	16.6	A	66.5	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-25	NS-25	592685.0	4795730.1	2.4	0	74	17.4	A	66.4	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-25	NS-25	592690.9	4795723.2	2.4	0	74	24.6	A	66.4	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	32

Receiver: R2

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	56

Receiver Name	Receiver ID	X	Y	Z
R2	R2	592645 m	4795140 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NS-25	NS-25	592698.3	4795714.8	2.4	0	74	14.9	A	66.2	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-25	NS-25	592701.4	4795711.2	2.4	0	74	17.0	A	66.2	0.0	-2.1	0.0	2.2	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-25	NS-25	592705.1	4795707.1	2.4	0	74	11.5	A	66.1	0.0	-2.1	0.0	2.2	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-25	NS-25	592707.4	4795704.5	2.4	0	74	7.4	A	66.1	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-25	NS-25	592704.7	4795703.2	2.4	0	74	8.2	A	66.1	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-25	NS-25	592700.7	4795703.9	2.4	0	74	13.7	A	66.1	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-25	NS-25	592697.3	4795704.5	2.4	0	74	11.5	A	66.1	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-25	NS-25	592689.7	4795705.9	2.4	0	74	21.0	A	66.1	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	29
KPC_NS-25	NS-25	592683.5	4795707.1	2.4	0	74	13.7	A	66.1	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-25	NS-25	592682.0	4795707.3	2.4	0	74	12.9	A	66.1	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-25	NS-25	592669.3	4795709.7	2.4	0	74	26.8	A	66.1	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	35
KPC_NS-25	NS-25	592658.1	4795712.7	2.4	0	74	18.0	A	66.2	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-25	NS-25	592650.4	4795720.0	2.4	0	74	24.4	A	66.3	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	32
KPC_NS-25	NS-25	592638.3	4795731.6	2.4	0	74	17.1	A	66.4	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-25	NS-25	592712.7	4795713.5	2.4	0	74	17.9	A	66.2	0.0	-2.1	0.0	2.2	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-25	NS-25	592709.1	4795714.4	2.4	0	74	17.9	A	66.2	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-25	NS-25	592706.5	4795718.2	2.4	0	74	16.9	A	66.3	0.0	-2.1	0.0	2.2	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-25	NS-25	592703.0	4795723.4	2.4	0	74	19.2	A	66.4	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-25	NS-25	592699.6	4795728.5	2.4	0	74	14.9	A	66.4	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-25	NS-25	592693.6	4795737.5	2.4	0	74	20.9	A	66.6	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-25	NS-25	592686.3	4795748.4	2.4	0	74	9.8	A	66.7	0.0	-2.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-25	NS-25	592684.8	4795750.6	2.4	0	74	7.9	A	66.7	0.0	-2.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-25	NS-25	592682.1	4795754.6	2.4	0	74	11.3	A	66.8	0.0	-2.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592647.3	4795709.5	2.4	0	74	21.3	A	66.1	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	29
KPC_NS-25	NS-25	592641.3	4795715.6	2.4	0	74	12.1	A	66.2	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-25	NS-25	592637.7	4795723.4	2.4	0	74	18.9	A	66.3	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-25	NS-25	592700.3	4795700.0	2.4	0	74	12.0	A	66.0	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-25	NS-25	592696.8	4795699.1	2.4	0	74	9.8	A	66.0	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592690.7	4795697.5	2.4	0	74	17.6	A	66.0	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-25	NS-25	592685.1	4795696.4	2.4	0	74	13.5	A	65.9	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-25	NS-25	592682.8	4795696.5	2.4	0	74	10.5	A	65.9	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-25	NS-25	592681.3	4795696.6	2.4	0	74	9.2	A	65.9	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-25	NS-25	592673.4	4795697.0	2.4	0	74	18.4	A	65.9	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-25	NS-25	592638.0	4795744.3	2.4	0	74	16.5	A	66.6	0.0	-2.0	0.0	2.2	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-25	NS-25	592648.9	4795750.2	2.4	0	74	20.6	A	66.7	0.0	-2.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-25	NS-25	592664.5	4795755.9	2.4	0	74	17.1	A	66.8	0.0	-2.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-25	NS-25	592647.0	4795350.2	1.0	0	97	0.0	A	57.6	0.0	1.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	37
CBM_B_NS-26	NS-26	592643.8	4795352.0	1.5	0	92	0.0	A	57.6	0.0	0.8	0.0	0.8	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-26e	NS-26e	592696.5	4795647.7	3.5	0	102	0.0	A	65.2	0.0	-2.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	36
KPC_NS-27	NS-27	592691.2	4795637.0	1.2	0	103	0.0	A	65.0	0.0	-0.7	0.0	1.2	0.0	0.0	0.0	0.0	0.0	38
CBM_B_NS-27	NS-27	592646.9	4795349.1	4.0	0	93	0.0	A	57.5	0.0	-1.2	0.0	0.8	0.0	0.0	0.0	0.0	0.0	36
KPC_NS-28	NS-28	592675.7	4795675.9	2.4	0	79	17.0	A	65.6	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	30
KPC_NS-28	NS-28	592680.1	4795677.3	2.4	0	79	10.8	A	65.6	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-28	NS-28	592681.5	4795677.8	2.4	0	79	12.4	A	65.6	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-28	NS-28	592687.2	4795679.7	2.4	0	79	21.4	A	65.7	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	34

Receiver: R2

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	56

Receiver Name	Receiver ID	X	Y	Z
R2	R2	592645 m	4795140 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NS-28	NS-28	592692.7	4795680.6	2.4	0	79	17.0	A	65.7	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	30
KPC_NS-28	NS-28	592695.0	4795679.6	2.4	0	79	15.5	A	65.7	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-28	NS-28	592698.4	4795678.2	2.4	0	79	18.6	A	65.7	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	32
KPC_NS-28	NS-28	592700.9	4795677.1	2.4	0	79	5.5	A	65.7	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-28	NS-28	592701.5	4795676.9	2.4	0	79	11.0	A	65.7	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-28	NS-28	592702.7	4795676.4	2.4	0	79	12.2	A	65.7	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-28	NS-28	592709.5	4795673.6	2.4	0	79	20.5	A	65.6	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	34
KPC_NS-28	NS-28	592708.7	4795666.6	2.4	0	79	19.6	A	65.5	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-28	NS-28	592701.5	4795665.5	2.4	0	79	11.1	A	65.5	0.0	-2.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-28	NS-28	592700.3	4795665.4	2.4	0	79	9.9	A	65.5	0.0	-2.1	2.8	2.0	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-28	NS-28	592697.9	4795665.0	2.4	0	79	15.7	A	65.5	0.0	-2.1	2.7	2.0	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592695.5	4795665.0	2.4	0	79	12.7	A	65.5	0.0	-2.1	2.2	2.0	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-28	NS-28	592693.8	4795665.5	2.4	0	79	13.6	A	65.5	0.0	-2.1	0.0	2.0	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-28	NS-28	592687.8	4795667.4	2.4	0	79	19.7	A	65.5	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-28	NS-28	592680.9	4795669.5	2.4	0	79	9.4	A	65.5	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-28	NS-28	592679.6	4795669.9	2.4	0	79	7.8	A	65.5	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-28	NS-28	592675.4	4795671.2	2.4	0	79	14.1	A	65.5	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-28	NS-28	592712.1	4795658.7	2.4	0	79	20.9	A	65.4	0.0	-2.1	0.0	2.0	0.0	0.0	0.0	0.0	0.0	34
KPC_NS-28	NS-28	592704.5	4795654.9	2.4	0	79	19.5	A	65.3	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-28	NS-28	592700.1	4795656.8	2.4	0	79	12.6	A	65.3	0.0	-2.1	2.6	2.0	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-28	NS-28	592697.7	4795657.8	2.4	0	79	9.2	A	65.3	0.0	-2.1	3.5	2.0	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-28	NS-28	592716.4	4795656.3	2.4	0	79	19.6	A	65.4	0.0	-2.1	0.0	2.0	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-28	NS-28	592696.0	4795688.4	2.4	0	79	3.3	A	65.8	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-28	NS-28	592699.5	4795686.3	2.4	0	79	9.8	A	65.8	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-28	NS-28	592702.9	4795684.3	2.4	0	79	8.8	A	65.8	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-28	NS-28	592707.2	4795681.7	2.4	0	79	14.0	A	65.7	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-28	NS-28	592713.9	4795676.2	2.4	0	79	15.0	A	65.7	0.0	-2.1	0.0	2.1	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-28	NS-28	592693.0	4795659.2	2.4	0	79	4.9	A	65.4	0.0	-2.1	0.0	2.0	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-28	NS-28	592689.8	4795659.9	2.4	0	79	11.7	A	65.4	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-28	NS-28	592684.9	4795662.4	2.4	0	79	14.4	A	65.4	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-28	NS-28	592680.7	4795665.2	2.4	0	79	6.7	A	65.4	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-28	NS-28	592679.3	4795666.1	2.4	0	79	5.1	A	65.5	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-28	NS-28	592675.3	4795668.8	2.4	0	79	11.4	A	65.5	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-28	NS-28	592674.9	4795679.4	2.4	0	79	12.5	A	65.7	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-28	NS-28	592679.0	4795682.9	2.4	0	79	7.4	A	65.7	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-28	NS-28	592680.5	4795683.7	2.4	0	79	6.0	A	65.7	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-28	NS-28	592681.9	4795684.6	2.4	0	79	6.5	A	65.8	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-28	NS-28	592685.9	4795687.0	2.4	0	79	10.7	A	65.8	0.0	-2.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-28	NS-28	592702.4	4795648.5	2.4	0	79	8.0	A	65.2	0.0	-2.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-28	NS-28	592699.4	4795652.0	2.4	0	79	7.9	A	65.2	0.0	-2.1	4.4	2.0	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-28	NS-28	592697.3	4795654.5	2.4	0	79	8.8	A	65.3	0.0	-2.1	4.8	2.0	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-28	NS-28	592636.6	4795344.6	0.0	0	73	12.4	A	57.3	0.0	2.1	3.6	1.0	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-28	NS-28	592630.2	4795336.2	0.0	0	73	5.9	A	57.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-28	NS-28	592622.2	4795325.6	0.0	0	73	13.5	A	56.6	0.0	1.9	0.0	1.0	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-28	NS-28	592622.4	4795325.8	0.0	0	73	13.6	A	56.6	0.0	1.9	0.0	1.0	0.0	0.0	0.0	0.0	0.0	27

Receiver: R2

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	56

Receiver Name	Receiver ID	X	Y	Z
R2	R2	592645 m	4795140 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_B_NS-28	NS-28	592630.2	4795336.6	0.0	0	73	6.0	A	57.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-28	NS-28	592636.4	4795345.1	0.0	0	73	12.3	A	57.4	0.0	2.1	3.2	1.0	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-28	NS-28	592617.2	4795299.1	0.0	0	73	11.4	A	55.4	0.0	1.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-28	NS-28	592617.3	4795299.2	0.0	0	73	11.4	A	55.4	0.0	1.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-28	NS-28	592615.0	4795311.0	0.0	0	73	10.5	A	56.0	0.0	1.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-28	NS-28	592615.1	4795311.1	0.0	0	73	10.4	A	56.0	0.0	1.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-28	NS-28	592646.8	4795357.1	0.0	0	73	8.7	A	57.8	0.0	2.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-28	NS-28	592651.8	4795361.1	0.0	0	73	7.4	A	58.0	0.0	2.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-28	NS-28	592651.7	4795360.9	0.0	0	73	7.5	A	58.0	0.0	2.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-28	NS-28	592646.8	4795356.4	0.0	0	73	8.9	A	57.8	0.0	2.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-28	NS-28	592619.6	4795290.4	0.0	0	73	7.0	A	54.9	0.0	1.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-28	NS-28	592619.7	4795290.4	0.0	0	73	6.9	A	54.9	0.0	1.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-28	NS-28	592674.2	4795352.0	0.0	0	73	9.6	A	57.7	0.0	1.9	5.3	1.1	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-28	NS-28	592674.2	4795352.0	0.0	0	73	9.5	A	57.7	0.0	1.9	5.3	1.1	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-28	NS-28	592656.6	4795363.2	0.0	0	73	7.5	A	58.1	0.0	2.1	0.0	1.1	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-28	NS-28	592656.7	4795363.2	0.0	0	73	7.4	A	58.1	0.0	2.2	0.0	1.1	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-28	NS-28	592665.5	4795362.6	0.0	0	73	8.7	A	58.1	0.0	2.1	0.0	1.1	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-28	NS-28	592672.1	4795358.0	0.0	0	73	6.5	A	57.9	0.0	2.0	2.4	1.1	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-28	NS-28	592669.6	4795360.4	0.0	0	73	4.0	A	58.0	0.0	2.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-28	NS-28	592665.4	4795362.6	0.0	0	73	8.5	A	58.1	0.0	2.1	0.0	1.1	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-28	NS-28	592672.1	4795358.0	0.0	0	73	6.5	A	57.9	0.0	2.0	2.4	1.1	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-29	NS-29	592518.4	4795621.3	2.0	0	111	0.0	A	65.0	0.0	-1.7	11.7	1.4	0.0	0.0	0.0	0.0	0.0	35
CBM_B_NS-29	NS-29	592669.1	4795338.9	1.5	0	102	0.0	A	57.1	0.0	-2.0	8.8	1.2	0.0	0.0	0.0	0.0	0.0	36
KPC_NS-30	NS-30	592703.4	4795652.6	2.0	0	104	0.0	A	65.3	0.0	-1.7	0.0	1.4	0.0	0.0	0.0	0.0	0.0	39
CBM_B_NS-30	NS-30	592670.5	4795342.1	4.0	0	92	0.0	A	57.3	0.0	-2.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	35
CBM_B_NS-31	NS-31	592663.6	4795362.9	1.5	0	102	0.0	A	58.1	0.0	0.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	42
CBM_B_NS-32	NS-32	592665.1	4795362.3	4.0	0	92	0.0	A	58.0	0.0	-1.5	0.0	1.0	0.0	0.0	0.0	0.0	0.0	34
KPC_NS-32	NS-32	592510.3	4795613.3	2.0	0	95	0.0	A	64.9	0.0	-1.7	0.0	1.4	0.0	0.0	0.0	0.0	0.0	31
CBM_B_NS-33	NS-33	592627.1	4795302.9	0.0	0	69	11.0	A	55.5	0.0	1.7	0.0	0.9	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-33	NS-33	592624.5	4795310.6	0.0	0	69	11.2	A	55.9	0.0	1.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-33	NS-33	592623.6	4795297.7	0.0	0	69	9.5	A	55.2	0.0	1.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-33	NS-33	592633.7	4795315.4	0.0	0	69	5.0	A	56.1	0.0	1.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-33	NS-33	592632.1	4795311.8	0.0	0	69	6.6	A	55.9	0.0	1.8	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-33	NS-33	592622.5	4795290.6	0.0	0	69	7.3	A	54.9	0.0	1.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-33	NS-33	592622.5	4795290.7	0.0	0	69	7.2	A	54.9	0.0	1.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-33	NS-33	592623.6	4795295.4	0.0	0	69	6.5	A	55.1	0.0	1.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-33	NS-33	592633.7	4795319.2	0.0	0	69	6.9	A	56.2	0.0	1.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-33	NS-33	592627.8	4795318.7	0.0	0	69	6.9	A	56.2	0.0	1.9	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-33	NS-33	592621.7	4795286.9	0.0	0	69	4.3	A	54.7	0.0	1.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-33	NS-33	592621.7	4795286.8	0.0	0	69	4.0	A	54.7	0.0	1.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-34	NS-34	592632.8	4795319.0	2.5	0	104	0.0	A	56.2	0.0	-1.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	35
CBM_B_NS-35	NS-35	592637.0	4795306.9	2.4	0	75	16.9	A	55.6	0.0	-1.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	37
CBM_B_NS-35	NS-35	592633.3	4795307.7	2.4	0	75	3.5	A	55.7	0.0	-1.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592632.2	4795308.7	2.4	0	75	12.3	A	55.7	0.0	-1.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	32
CBM_B_NS-35	NS-35	592627.7	4795313.1	2.4	0	75	15.7	A	55.9	0.0	-1.7	0.0	0.9	0.0	0.0	0.0	0.0	0.0	35

Receiver: R2

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	56

Receiver Name	Receiver ID	X	Y	Z
R2	R2	592645 m	4795140 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_B_NS-35	NS-35	592644.2	4795310.9	2.4	0	75	-1.8	A	55.8	0.0	-1.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592645.9	4795314.1	2.4	0	75	16.4	A	56.0	0.0	-1.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	36
CBM_B_NS-35	NS-35	592648.3	4795314.8	2.4	0	75	7.9	A	56.0	0.0	-1.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-35	NS-35	592648.9	4795315.0	2.4	0	75	3.7	A	56.0	0.0	-1.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592649.9	4795315.3	2.4	0	75	8.1	A	56.0	0.0	-1.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-35	NS-35	592627.4	4795316.6	2.4	0	75	10.9	A	56.1	0.0	-1.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	30
CBM_B_NS-35	NS-35	592631.9	4795314.4	2.4	0	75	8.2	A	56.0	0.0	-1.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-35	NS-35	592635.9	4795312.5	2.4	0	75	13.1	A	55.9	0.0	-1.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	32
CBM_B_NS-35	NS-35	592640.4	4795309.3	2.4	0	75	11.0	A	55.7	0.0	-1.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	31
CBM_B_NS-35	NS-35	592644.2	4795316.2	2.4	0	75	-1.4	A	56.1	0.0	-1.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592644.1	4795313.6	2.4	0	75	-0.8	A	55.9	0.0	-1.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592642.2	4795313.5	2.4	0	75	16.6	A	55.9	0.0	-1.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	36
CBM_B_NS-35	NS-35	592636.3	4795322.8	2.4	0	75	12.0	A	56.4	0.0	-1.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	31
CBM_B_NS-35	NS-35	592634.1	4795319.5	2.4	0	75	13.6	A	56.2	0.0	-1.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	32
CBM_B_NS-35	NS-35	592631.7	4795318.5	2.4	0	75	10.2	A	56.2	0.0	-1.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	29
CBM_B_NS-35	NS-35	592629.8	4795317.7	2.4	0	75	4.2	A	56.2	0.0	-1.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592639.0	4795322.4	2.4	0	75	16.1	A	56.3	0.0	-1.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	35
CBM_B_NS-35	NS-35	592640.0	4795346.1	2.4	0	75	4.2	A	57.4	0.0	-1.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-35	NS-35	592636.2	4795339.5	2.4	0	75	15.2	A	57.1	0.0	-1.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	33
CBM_B_NS-35	NS-35	592630.7	4795331.3	2.4	0	75	6.9	A	56.8	0.0	-1.3	0.0	0.9	0.0	0.0	0.0	0.0	0.0	25
CBM_B_NS-35	NS-35	592627.9	4795327.3	2.4	0	75	6.0	A	56.6	0.0	-1.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-35	NS-35	592634.6	4795339.5	2.4	0	75	9.0	A	57.1	0.0	-1.2	0.0	1.0	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-35	NS-35	592630.4	4795333.0	2.4	0	75	6.5	A	56.8	0.0	-1.3	0.0	0.9	0.0	0.0	0.0	0.0	0.0	25
CBM_B_NS-35	NS-35	592626.9	4795327.5	2.4	0	75	10.8	A	56.6	0.0	-1.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	29
CBM_B_NS-35	NS-35	592623.4	4795322.7	2.4	0	75	7.7	A	56.4	0.0	-1.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592632.2	4795304.6	2.4	0	75	-0.9	A	55.5	0.0	-1.8	0.0	0.8	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592626.3	4795311.2	2.4	0	75	12.9	A	55.9	0.0	-1.7	0.0	0.9	0.0	0.0	0.0	0.0	0.0	32
CBM_B_NS-35	NS-35	592622.3	4795316.6	2.4	0	75	5.7	A	56.1	0.0	-1.7	0.0	0.9	0.0	0.0	0.0	0.0	0.0	25
CBM_B_NS-35	NS-35	592640.3	4795344.3	2.4	0	75	5.1	A	57.3	0.0	-1.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-35	NS-35	592642.0	4795344.8	2.4	0	75	12.0	A	57.3	0.0	-1.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	29
CBM_B_NS-35	NS-35	592644.7	4795343.4	2.4	0	75	4.6	A	57.3	0.0	-1.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-35	NS-35	592624.7	4795320.0	2.4	0	75	12.3	A	56.3	0.0	-1.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	31
CBM_B_NS-35	NS-35	592640.6	4795304.1	2.4	0	75	6.2	A	55.5	0.0	-1.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592637.0	4795303.3	2.4	0	75	6.0	A	55.4	0.0	-1.7	0.0	0.8	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592644.7	4795342.1	2.4	0	75	1.5	A	57.2	0.0	-1.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592643.1	4795341.4	2.4	0	75	4.4	A	57.2	0.0	-1.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-35	NS-35	592641.5	4795341.4	2.4	0	75	4.6	A	57.2	0.0	-1.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-35	NS-35	592642.8	4795346.8	2.4	0	75	3.0	A	57.4	0.0	-1.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592645.0	4795344.7	2.4	0	75	4.9	A	57.3	0.0	-1.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-35	NS-35	592626.0	4795318.0	2.4	0	75	-0.1	A	56.2	0.0	-1.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592629.5	4795316.8	2.4	0	75	-3.5	A	56.1	0.0	-1.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592631.7	4795316.0	2.4	0	75	-4.0	A	56.1	0.0	-1.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-35	NS-35	592634.4	4795315.1	2.4	0	75	-1.7	A	56.0	0.0	-1.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592636.6	4795314.3	2.4	0	75	-4.0	A	56.0	0.0	-1.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-35	NS-35	592645.0	4795341.6	2.4	0	75	-1.3	A	57.2	0.0	-1.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	16

Receiver: R2

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	56

Receiver Name	Receiver ID	X	Y	Z
R2	R2	592645 m	4795140 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_B_NS-36	NS-36	592658.4	4795328.7	2.5	0	102	0.0	A	56.7	0.0	-0.8	2.1	0.4	0.0	0.0	0.0	0.0	0.0	44
CBM_B_NS-37	NS-37	592661.5	4795332.2	2.5	0	122	0.0	A	56.8	0.0	-1.2	4.4	1.1	0.0	0.0	0.0	0.0	0.0	42
CBM_B_NS-38	NS-38	592639.3	4795339.3	2.0	0	108	0.0	A	57.1	0.0	0.0	3.3	1.1	0.0	0.0	0.0	0.0	0.0	28
AGRO_REEFERNEW	REEFER	592529.2	4795153.9	1.5	0	102	0.0	A	52.7	0.0	-2.1	24.7	0.6	0.0	0.0	0.0	0.0	0.0	25
AGRO_REEFERNEW	REEFER	592526.1	4795157.0	1.5	0	102	0.0	A	52.9	0.0	-2.2	24.7	0.6	0.0	0.0	0.0	0.0	0.0	25
AGRO_REEFERNEW	REEFER	592522.9	4795160.1	1.5	0	102	0.0	A	53.2	0.0	-2.3	24.7	0.6	0.0	0.0	0.0	0.0	0.0	25
AGRO_REEFERNEW	REEFER	592520.1	4795163.2	1.5	0	102	0.0	A	53.4	0.0	-2.4	24.7	0.7	0.0	0.0	0.0	0.0	0.0	25
AGRO_RefTruck	Refrigeration Truck Movements	592585.6	4795290.7	2.0	0	64	11.3	A	55.4	0.0	-2.2	0.0	1.0	0.0	0.0	0.0	0.0	0.0	21
AGRO_RefTruck	Refrigeration Truck Movements	592577.3	4795282.2	2.0	0	64	10.2	A	55.1	0.0	-2.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	21
AGRO_RefTruck	Refrigeration Truck Movements	592570.7	4795275.3	2.0	0	64	6.2	A	55.0	0.0	-2.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
AGRO_RefTruck	Refrigeration Truck Movements	592567.0	4795271.5	2.0	0	64	8.2	A	54.9	0.0	-2.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	19
AGRO_RefTruck	Refrigeration Truck Movements	592560.2	4795264.5	2.0	0	64	9.3	A	54.8	0.0	-2.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	20
AGRO_RefTruck	Refrigeration Truck Movements	592555.7	4795259.8	2.0	0	64	6.6	A	54.7	0.0	-2.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	18
AGRO_RefTruck	Refrigeration Truck Movements	592547.5	4795251.4	2.0	0	64	11.9	A	54.6	0.0	-2.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	23
AGRO_RefTruck	Refrigeration Truck Movements	592539.6	4795243.1	2.0	0	64	8.8	A	54.6	0.0	-2.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	20
AGRO_RefTruck	Refrigeration Truck Movements	592527.4	4795230.5	2.0	0	64	12.4	A	54.6	0.0	-2.6	7.0	0.9	0.0	0.0	0.0	0.0	0.0	16
AGRO_RegTruck	Regular Truck Movements	592585.6	4795290.7	2.0	0	60	11.3	A	55.4	0.0	-2.2	0.0	0.7	0.0	0.0	0.0	0.0	0.0	18
AGRO_RegTruck	Regular Truck Movements	592577.3	4795282.2	2.0	0	60	10.2	A	55.1	0.0	-2.5	0.0	0.7	0.0	0.0	0.0	0.0	0.0	17
AGRO_RegTruck	Regular Truck Movements	592567.0	4795271.5	2.0	0	60	8.2	A	54.9	0.0	-2.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	15
AGRO_RegTruck	Regular Truck Movements	592560.2	4795264.5	2.0	0	60	9.3	A	54.8	0.0	-2.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	17
AGRO_RegTruck	Regular Truck Movements	592547.5	4795251.4	2.0	0	60	11.9	A	54.6	0.0	-2.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	19
AGRO_RegTruck	Regular Truck Movements	592539.6	4795243.1	2.0	0	60	8.8	A	54.6	0.0	-2.6	0.0	0.6	0.0	0.0	0.0	0.0	0.0	16
D06_RTU	Small RTU	592652.7	4795157.2	9.0	0	81	0.0	A	41.1	0.0	-2.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	40
D06_RTU	Small RTU	592650.9	4795163.7	9.0	0	81	0.0	A	42.0	0.0	-2.8	0.0	0.5	0.0	0.0	0.0	0.0	0.0	40
D06_RTU	Small RTU	592662.0	4795165.2	9.0	0	81	0.0	A	43.0	0.0	-2.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	39
D06_RTU	Small RTU	592669.7	4795173.4	9.0	0	81	0.0	A	44.8	0.0	-2.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	37
D06_RTU	Small RTU	592663.8	4795179.1	9.0	0	81	0.0	A	45.0	0.0	-2.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	36
AGRO_RTU	Small RTU	592594.8	4795182.9	8.0	0	81	0.0	A	48.1	0.0	-2.6	6.2	0.9	0.0	0.0	0.0	0.0	0.0	27
AGRO_RTU	Small RTU	592611.7	4795198.9	8.0	0	81	0.0	A	48.2	0.0	-2.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	33
D06_RTU	Small RTU	592670.6	4795183.7	9.0	0	81	0.0	A	46.1	0.0	-2.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	35
AGRO_RTU	Small RTU	592579.3	4795173.2	8.0	0	81	0.0	A	48.9	0.0	-2.6	15.3	1.0	0.0	0.0	0.0	0.0	0.0	17
AGRO_RTU	Small RTU	592630.5	4795223.3	9.0	0	81	0.0	A	49.9	0.0	-2.6	0.0	1.1	0.0	0.0	0.0	0.0	0.0	31
AGRO_RTU	Small RTU	592571.6	4795206.9	8.0	0	81	0.0	A	51.2	0.0	-2.8	4.8	1.2	0.0	0.0	0.0	0.0	0.0	25
AGRO_RTU	Small RTU	592567.5	4795207.3	8.0	0	81	0.0	A	51.5	0.0	-2.7	5.6	1.3	0.0	0.0	0.0	0.0	0.0	24
AGRO_RTU	Small RTU	592613.3	4795239.2	9.0	0	81	0.0	A	51.6	0.0	-2.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	29
AGRO_RTU	Small RTU	592576.6	4795246.8	8.0	0	81	0.0	A	53.2	0.0	-2.8	0.0	1.5	0.0	0.0	0.0	0.0	0.0	27
D06_RTU	Small RTU	592708.9	4795231.2	6.5	0	81	0.0	A	52.2	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	28
D06_RTU	Small RTU	592709.0	4795237.5	6.5	0	81	0.0	A	52.6	0.0	-2.6	0.0	1.4	0.0	0.0	0.0	0.0	0.0	28
D06_RTU	Small RTU	592690.3	4795250.2	6.5	0	81	0.0	A	52.7	0.0	-2.6	0.0	1.4	0.0	0.0	0.0	0.0	0.0	28
D06_RTU	Small RTU	592703.4	4795244.2	6.5	0	81	0.0	A	52.8	0.0	-2.6	0.0	1.4	0.0	0.0	0.0	0.0	0.0	28
D06_RTU	Small RTU	592715.3	4795237.5	6.5	0	81	0.0	A	52.8	0.0	-2.6	0.0	1.4	0.0	0.0	0.0	0.0	0.0	28
D06_RTU	Small RTU	592725.5	4795240.1	6.5	0	81	0.0	A	53.4	0.0	-2.6	0.0	1.5	0.0	0.0	0.0	0.0	0.0	27
D06_RTU	Small RTU	592730.0	4795245.2	6.5	0	81	0.0	A	53.8	0.0	-2.7	0.0	1.5	0.0	0.0	0.0	0.0	0.0	27
D06_RTU	Small RTU	592715.8	4795256.7	6.5	0	81	0.0	A	53.9	0.0	-2.7	0.0	1.5	0.0	0.0	0.0	0.0	0.0	27
D06_RTU	Small RTU	592723.1	4795253.7	6.5	0	81	0.0	A	54.0	0.0	-2.7	0.0	1.6	0.0	0.0	0.0	0.0	0.0	26

Receiver: R2

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	56

Receiver Name	Receiver ID	X	Y	Z
R2	R2	592645 m	4795140 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr

*The total value shown accounts for all modelled sources and may include small contributions from sources not described in the table above

Receiver: R3
Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	47

Receiver Name	Receiver ID	X	Y	Z
R3	R3	592653 m	4795132 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NC-26b	NC-26b (east)	592699.2	4795645.3	2.5	0	88	4.5	A	65.3	3.0	-1.9	8.2	2.4	0.0	0.0	0.0	0.0	0.0	21
KPC_NC-26b	NC-26b (east)	592699.2	4795645.3	1.5	0	88	4.5	A	65.3	3.0	-1.6	8.4	2.4	0.0	0.0	0.0	0.0	0.0	21
KPC_NC-26b	NC-26b (east)	592699.2	4795645.3	3.5	0	88	4.5	A	65.3	3.0	-2.1	8.2	2.4	0.0	0.0	0.0	0.0	0.0	21
KPC_NC-26c	NC-26c (south)	592693.9	4795648.3	2.5	0	89	2.7	A	65.3	3.0	-2.0	8.3	2.5	0.0	0.0	0.0	0.0	0.0	20
KPC_NC-26c	NC-26c (south)	592696.0	4795646.3	2.5	0	89	6.0	A	65.3	3.0	-1.9	8.3	2.4	0.0	0.0	0.0	0.0	0.0	24
KPC_NC-26c	NC-26c (south)	592697.8	4795644.6	2.5	0	89	0.4	A	65.2	3.0	-1.9	8.3	2.4	0.0	0.0	0.0	0.0	0.0	18
KPC_NC-26c	NC-26c (south)	592696.0	4795646.3	1.5	0	89	6.0	A	65.3	3.0	-1.6	15.7	2.4	0.0	0.0	0.0	0.0	0.0	16
KPC_NC-26c	NC-26c (south)	592697.8	4795644.6	1.5	0	89	0.4	A	65.2	3.0	-1.5	8.4	2.4	0.0	0.0	0.0	0.0	0.0	18
KPC_NC-26c	NC-26c (south)	592693.9	4795648.3	3.5	0	89	2.7	A	65.3	3.0	-2.1	8.3	2.5	0.0	0.0	0.0	0.0	0.0	21
KPC_NC-26c	NC-26c (south)	592696.0	4795646.3	3.5	0	89	6.0	A	65.3	3.0	-2.0	8.2	2.4	0.0	0.0	0.0	0.0	0.0	24
KPC_NC-26c	NC-26c (south)	592697.8	4795644.6	3.5	0	89	0.4	A	65.2	3.0	-2.0	8.2	2.4	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-02	NS-02	592532.6	4795371.4	1.0	0	93	0.0	A	59.6	0.0	0.0	10.5	1.0	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-03	NS-03	592536.3	4795369.4	1.5	0	96	0.0	A	59.5	0.0	-1.0	10.5	1.0	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-04	NS-04	592533.0	4795372.6	4.0	0	86	0.0	A	59.7	0.0	-2.1	10.3	1.0	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-05	NS-05	592534.7	4795373.4	1.0	0	95	0.0	A	59.7	0.0	0.5	10.4	1.0	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-06	NS-06	592538.4	4795371.4	1.5	0	96	0.0	A	59.6	0.0	-0.6	10.5	1.0	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-06	NS-06	592513.7	4795616.1	2.0	0	94	0.0	A	65.1	0.0	-0.9	7.6	0.7	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-07	NS-07	592535.1	4795374.7	4.0	0	86	0.0	A	59.7	0.0	-2.0	10.3	1.0	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-08	NS-08	592621.0	4795323.3	0.0	0	74	12.7	A	56.9	0.0	1.9	10.6	1.0	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-08	NS-08	592620.2	4795323.3	0.0	0	74	13.1	A	56.9	0.0	1.9	10.6	1.0	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-08	NS-08	592618.2	4795297.6	0.0	0	74	11.2	A	55.8	0.0	1.7	10.9	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-08	NS-08	592616.6	4795298.6	0.0	0	74	11.0	A	55.8	0.0	1.7	10.9	0.9	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-09	NS-09	592540.9	4795378.8	1.5	0	105	0.0	A	59.7	0.0	-0.3	11.7	1.5	0.0	0.0	0.0	0.0	0.0	32
KPC_NS-09	NS-09	592521.5	4795610.2	2.0	0	94	3.8	A	64.9	0.0	-0.9	7.5	0.7	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-09	NS-09	592518.9	4795612.1	2.0	0	94	6.0	A	65.0	0.0	-0.9	7.5	0.7	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-09	NS-09	592515.8	4795614.5	2.0	0	94	5.9	A	65.0	0.0	-0.9	7.6	0.7	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-10	NS-10	592537.9	4795380.7	4.0	0	93	0.0	A	59.8	0.0	-1.9	11.2	1.5	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-11	NS-11	592593.8	4795387.6	1.5	0	105	0.0	A	59.5	0.0	0.7	13.7	1.2	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-12	NS-12	592595.0	4795384.3	4.0	0	95	0.0	A	59.3	0.0	-1.5	9.5	1.1	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-12	NS-12	592524.7	4795629.7	20.0	0	94	0.0	A	65.2	0.0	-1.9	7.5	0.8	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-13	NS-13	592599.3	4795388.3	1.5	0	105	0.0	A	59.4	0.0	0.8	9.8	1.2	0.0	0.0	0.0	0.0	0.0	32
CBM_A_NS-14	NS-14	592600.6	4795385.0	4.0	0	95	0.0	A	59.3	0.0	-1.3	9.4	1.1	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-15	NS-15	592638.5	4795346.0	3.2	0	71	12.6	A	57.7	0.0	-1.3	9.8	1.1	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-15	NS-15	592622.0	4795321.1	3.2	0	71	12.4	A	56.8	0.0	-1.8	10.4	1.0	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-15	NS-15	592634.2	4795434.0	3.2	0	71	14.6	A	60.7	0.0	-1.0	9.6	1.5	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-15	NS-15	592666.3	4795404.4	3.2	0	71	13.4	A	59.8	0.0	-1.4	8.9	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-15	NS-15	592665.4	4795375.2	3.2	0	71	13.5	A	58.8	0.0	-1.7	8.9	1.2	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-15	NS-15	592618.2	4795297.9	3.2	0	71	11.2	A	55.7	0.0	-2.3	10.7	0.9	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-15	NS-15	592616.5	4795309.0	3.2	0	71	10.0	A	56.3	0.0	-2.1	10.6	0.9	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-16	NS-16	592496.1	4795608.4	2.0	0	84	12.8	A	65.0	0.0	-1.8	10.0	1.3	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-16	NS-16	592586.5	4795460.4	4.5	0	104	0.0	A	61.5	0.0	-1.0	9.1	1.2	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592574.1	4795433.0	5.4	0	76	13.4	A	60.9	0.0	-1.7	8.2	1.4	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592580.6	4795431.8	5.4	0	76	14.3	A	60.8	0.0	-1.6	8.1	1.4	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-17	NS-17	592583.9	4795431.2	5.4	0	76	8.2	A	60.8	0.0	-1.6	8.1	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592588.7	4795428.7	5.4	0	76	15.2	A	60.7	0.0	-1.6	8.0	1.3	0.0	0.0	0.0	0.0	0.0	23

Receiver: R3
Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	47

Receiver Name	Receiver ID	X	Y	Z
R3	R3	592653 m	4795132 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_A_NS-17	NS-17	592589.7	4795424.7	5.4	0	76	13.1	A	60.6	0.0	-1.6	8.1	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592581.9	4795425.2	5.4	0	76	14.3	A	60.6	0.0	-1.7	8.2	1.3	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-17	NS-17	592576.8	4795425.6	5.4	0	76	15.2	A	60.7	0.0	-1.7	8.2	1.3	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-17	NS-17	592590.2	4795422.3	5.4	0	76	12.6	A	60.5	0.0	-1.6	8.1	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592583.3	4795421.5	5.4	0	76	10.8	A	60.5	0.0	-1.7	8.2	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592595.6	4795421.5	5.4	0	76	9.3	A	60.4	0.0	-1.5	8.0	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592592.2	4795420.0	5.4	0	76	13.5	A	60.4	0.0	-1.6	8.1	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592581.0	4795428.8	5.4	0	76	8.3	A	60.7	0.0	-1.6	8.1	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592574.4	4795430.7	5.4	0	76	10.9	A	60.8	0.0	-1.7	8.2	1.4	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592578.4	4795418.4	5.4	0	76	11.8	A	60.5	0.0	-1.7	8.2	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592566.4	4795431.9	5.4	0	76	11.3	A	60.9	0.0	-1.7	8.3	1.4	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592582.8	4795417.7	5.4	0	76	8.6	A	60.4	0.0	-1.7	8.2	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592583.2	4795419.6	5.4	0	76	8.4	A	60.5	0.0	-1.7	8.2	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592596.9	4795420.5	5.4	0	76	8.5	A	60.4	0.0	-1.5	8.0	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-18	NS-18	592558.3	4795405.8	6.5	0	84	14.5	A	60.3	0.0	-2.1	11.1	1.4	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-18	NS-18	592548.5	4795393.6	11.7	0	84	6.8	A	60.0	0.0	-2.1	11.3	1.4	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-18	NS-18	592544.4	4795388.6	13.8	0	84	9.4	A	59.9	0.0	-2.3	11.4	1.3	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-18	NS-18	592541.3	4795384.7	15.5	0	84	2.2	A	59.9	0.0	-2.2	11.5	1.3	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-19	NS-19	592534.3	4795386.0	18.0	0	96	0.0	A	60.0	0.0	-2.3	9.3	0.6	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-20	NS-20	592530.7	4795383.7	24.0	0	96	0.0	A	59.9	0.0	-2.3	9.3	0.6	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-21	NS-21	592529.9	4795385.5	7.0	0	88	0.0	A	60.0	0.0	-2.3	9.4	0.6	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-22	NS-22	592535.2	4795384.7	5.0	0	110	0.0	A	60.0	0.0	-1.9	10.2	1.4	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-23	NS-23	592535.2	4795385.3	5.0	0	109	0.0	A	60.0	0.0	-1.9	10.2	1.4	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-24	NS-24	592566.8	4795571.5	2.4	0	68	26.7	A	64.0	0.0	-1.9	7.7	1.8	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-24	NS-24	592578.1	4795577.5	2.4	0	68	19.0	A	64.1	0.0	-1.9	7.6	1.8	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-24	NS-24	592582.5	4795596.6	2.4	0	68	21.4	A	64.5	0.0	-1.9	7.5	1.9	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592584.6	4795611.1	2.4	0	68	22.0	A	64.7	0.0	-1.9	7.5	1.9	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592569.4	4795635.4	2.4	0	68	21.2	A	65.2	0.0	-1.9	7.5	2.0	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592578.4	4795604.2	2.4	0	68	23.7	A	64.6	0.0	-1.9	7.5	1.9	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592568.5	4795556.3	2.4	0	68	20.2	A	63.7	0.0	-1.8	7.8	1.8	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592561.4	4795579.6	2.4	0	68	19.7	A	64.2	0.0	-1.9	7.7	1.8	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592587.7	4795589.4	2.4	0	68	20.1	A	64.3	0.0	-1.9	7.5	1.8	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-25	NS-25	592645.7	4795738.3	2.4	0	74	22.7	A	66.7	0.0	-2.0	6.8	2.3	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-25	NS-25	592652.8	4795738.5	2.4	0	74	15.1	A	66.7	0.0	-2.0	6.8	2.3	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-25	NS-25	592659.2	4795738.7	2.4	0	74	24.4	A	66.7	0.0	-2.0	6.8	2.3	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-25	NS-25	592671.0	4795739.1	2.4	0	74	26.8	A	66.7	0.0	-2.0	6.7	2.3	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-25	NS-25	592685.3	4795729.9	2.4	0	74	27.8	A	66.6	0.0	-2.0	6.6	2.2	0.0	0.0	0.0	0.0	0.0	29
KPC_NS-25	NS-25	592697.2	4795716.2	2.4	0	74	15.8	A	66.4	0.0	-2.1	6.6	2.2	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-25	NS-25	592701.3	4795711.5	2.4	0	74	15.5	A	66.3	0.0	-2.1	6.5	2.2	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-25	NS-25	592676.6	4795708.4	2.4	0	74	27.2	A	66.2	0.0	-2.0	6.7	2.2	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-25	NS-25	592661.3	4795711.3	2.4	0	74	20.8	A	66.3	0.0	-2.0	6.8	2.2	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-25	NS-25	592656.4	4795714.2	2.4	0	74	21.4	A	66.3	0.0	-2.0	6.8	2.2	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-25	NS-25	592652.8	4795717.7	2.4	0	74	15.3	A	66.4	0.0	-2.0	6.8	2.2	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-25	NS-25	592645.7	4795724.4	2.4	0	74	23.0	A	66.5	0.0	-2.0	6.9	2.2	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-25	NS-25	592712.6	4795713.6	2.4	0	74	18.1	A	66.4	0.0	-2.1	6.4	2.2	0.0	0.0	0.0	0.0	0.0	19

Receiver: R3
Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	47

Receiver Name	Receiver ID	X	Y	Z
R3	R3	592653 m	4795132 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NS-25	NS-25	592708.5	4795715.2	2.4	0	74	19.1	A	66.4	0.0	-2.1	6.5	2.2	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-25	NS-25	592705.4	4795719.9	2.4	0	74	17.0	A	66.4	0.0	-2.1	6.5	2.2	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592702.5	4795724.2	2.4	0	74	17.4	A	66.5	0.0	-2.1	6.5	2.2	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592698.3	4795730.4	2.4	0	74	15.1	A	66.6	0.0	-2.1	6.5	2.2	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-25	NS-25	592690.8	4795741.7	2.4	0	74	21.2	A	66.7	0.0	-2.1	6.6	2.3	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-25	NS-25	592645.5	4795711.4	2.4	0	74	21.3	A	66.3	0.0	-2.0	6.9	2.2	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-25	NS-25	592638.7	4795721.0	2.4	0	74	17.5	A	66.4	0.0	-2.0	6.9	2.2	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592690.3	4795697.3	2.4	0	74	17.3	A	66.1	0.0	-2.0	6.6	2.1	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-25	NS-25	592677.7	4795696.8	2.4	0	74	20.3	A	66.1	0.0	-2.0	6.7	2.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-25	NS-25	592638.9	4795745.1	2.4	0	74	15.6	A	66.8	0.0	-2.0	6.9	2.3	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-25	NS-25	592646.3	4795749.3	2.4	0	74	19.2	A	66.8	0.0	-2.0	6.8	2.3	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-25	NS-25	592658.5	4795753.7	2.4	0	74	17.1	A	66.9	0.0	-2.0	6.7	2.3	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-25	NS-25	592647.0	4795350.2	1.0	0	97	0.0	A	57.9	0.0	1.9	8.4	0.8	0.0	0.0	0.0	0.0	0.0	28
CBM_B_NS-26	NS-26	592643.8	4795352.0	1.5	0	92	0.0	A	58.0	0.0	0.8	8.6	0.9	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-26e	NS-26e	592696.5	4795647.7	3.5	0	102	0.0	A	65.3	0.0	-2.1	8.2	2.4	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-27	NS-27	592691.2	4795637.0	1.2	0	103	0.0	A	65.1	0.0	-0.7	6.5	1.2	0.0	0.0	0.0	0.0	0.0	31
CBM_B_NS-27	NS-27	592646.9	4795349.1	4.0	0	93	0.0	A	57.8	0.0	-1.1	8.4	0.9	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-28	NS-28	592683.8	4795678.5	2.4	0	79	23.4	A	65.8	0.0	-2.0	6.7	2.1	0.0	0.0	0.0	0.0	0.0	30
KPC_NS-28	NS-28	592692.4	4795680.7	2.4	0	79	15.4	A	65.8	0.0	-2.0	6.6	2.1	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-28	NS-28	592694.4	4795679.9	2.4	0	79	16.0	A	65.8	0.0	-2.1	6.6	2.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-28	NS-28	592696.3	4795679.1	2.4	0	79	13.9	A	65.8	0.0	-2.1	6.6	2.1	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-28	NS-28	592698.6	4795678.1	2.4	0	79	16.8	A	65.8	0.0	-2.1	6.6	2.1	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-28	NS-28	592700.6	4795677.3	2.4	0	79	10.4	A	65.8	0.0	-2.1	6.6	2.1	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-28	NS-28	592702.0	4795676.7	2.4	0	79	13.2	A	65.8	0.0	-2.1	6.6	2.1	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-28	NS-28	592709.2	4795673.8	2.4	0	79	20.7	A	65.7	0.0	-2.1	6.5	2.1	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-28	NS-28	592708.5	4795666.6	2.4	0	79	19.8	A	65.6	0.0	-2.1	6.5	2.1	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592701.0	4795665.5	2.4	0	79	12.1	A	65.6	0.0	-2.1	9.3	2.1	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-28	NS-28	592697.6	4795665.0	2.4	0	79	15.3	A	65.6	0.0	-2.1	12.6	2.1	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-28	NS-28	592693.4	4795665.6	2.4	0	79	13.9	A	65.6	0.0	-2.1	6.6	2.1	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-28	NS-28	592684.3	4795668.5	2.4	0	79	21.1	A	65.6	0.0	-2.0	6.7	2.1	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-28	NS-28	592711.9	4795658.7	2.4	0	79	21.1	A	65.5	0.0	-2.1	6.5	2.0	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-28	NS-28	592704.3	4795654.9	2.4	0	79	19.4	A	65.4	0.0	-2.1	6.6	2.0	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592699.9	4795656.8	2.4	0	79	12.5	A	65.5	0.0	-2.1	10.0	2.0	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-28	NS-28	592716.4	4795656.3	2.4	0	79	19.6	A	65.5	0.0	-2.1	6.5	2.0	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592707.0	4795681.8	2.4	0	79	14.3	A	65.9	0.0	-2.1	6.5	2.1	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-28	NS-28	592713.9	4795676.2	2.4	0	79	15.0	A	65.8	0.0	-2.1	6.5	2.1	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-28	NS-28	592689.6	4795660.0	2.4	0	79	11.5	A	65.5	0.0	-2.0	6.7	2.0	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-28	NS-28	592681.4	4795664.7	2.4	0	79	16.9	A	65.6	0.0	-2.0	6.7	2.1	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-28	NS-28	592679.6	4795682.8	2.4	0	79	16.4	A	65.8	0.0	-2.0	6.7	2.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-29	NS-29	592518.4	4795621.3	2.0	0	111	0.0	A	65.1	0.0	-1.7	22.4	1.4	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-29	NS-29	592669.1	4795338.9	1.5	0	102	0.0	A	57.5	0.0	-2.0	22.6	1.2	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-30	NS-30	592703.4	4795652.6	2.0	0	104	0.0	A	65.4	0.0	-1.7	6.9	1.4	0.0	0.0	0.0	0.0	0.0	32
CBM_B_NS-30	NS-30	592670.5	4795342.1	4.0	0	92	0.0	A	57.6	0.0	-2.0	8.4	1.2	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-31	NS-31	592663.6	4795362.9	1.5	0	102	0.0	A	58.4	0.0	0.4	8.4	1.0	0.0	0.0	0.0	0.0	0.0	33
CBM_B_NS-32	NS-32	592665.1	4795362.3	4.0	0	92	0.0	A	58.3	0.0	-1.7	8.0	1.0	0.0	0.0	0.0	0.0	0.0	26

Receiver: R3
Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	47

Receiver Name	Receiver ID	X	Y	Z
R3	R3	592653 m	4795132 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NS-32	NS-32	592510.3	4795613.3	2.0	0	95	0.0	A	65.0	0.0	-1.7	8.7	1.4	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-34	NS-34	592632.8	4795319.0	2.5	0	104	0.0	A	56.6	0.0	-1.4	10.1	1.0	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-35	NS-35	592639.1	4795306.5	2.4	0	75	14.0	A	56.0	0.0	-1.6	8.0	0.9	0.0	0.0	0.0	0.0	0.0	25
CBM_B_NS-35	NS-35	592635.3	4795307.4	2.4	0	75	12.3	A	56.1	0.0	-1.6	8.0	0.9	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-35	NS-35	592633.6	4795307.8	2.4	0	75	10.3	A	56.1	0.0	-1.7	8.1	0.9	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-35	NS-35	592631.1	4795309.7	2.4	0	75	14.6	A	56.2	0.0	-1.7	8.1	0.9	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592626.2	4795314.4	2.4	0	75	13.7	A	56.5	0.0	-1.6	8.2	0.9	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-35	NS-35	592644.5	4795311.2	2.4	0	75	7.6	A	56.2	0.0	-1.5	7.8	0.9	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592646.0	4795314.4	2.4	0	75	15.7	A	56.4	0.0	-1.4	7.7	0.9	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-35	NS-35	592648.5	4795315.0	2.4	0	75	8.6	A	56.4	0.0	-1.4	7.7	0.9	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592649.9	4795315.4	2.4	0	75	8.4	A	56.4	0.0	-1.4	7.6	0.9	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592625.9	4795317.3	2.4	0	75	8.6	A	56.6	0.0	-1.6	8.2	0.9	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592631.2	4795314.7	2.4	0	75	11.2	A	56.4	0.0	-1.6	8.1	0.9	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-35	NS-35	592634.8	4795313.0	2.4	0	75	9.3	A	56.3	0.0	-1.5	8.0	0.9	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592637.3	4795311.8	2.4	0	75	10.2	A	56.3	0.0	-1.5	8.0	0.9	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-35	NS-35	592640.4	4795309.3	2.4	0	75	10.8	A	56.1	0.0	-1.5	7.9	0.9	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-35	NS-35	592642.3	4795313.5	2.4	0	75	16.8	A	56.3	0.0	-1.4	7.8	0.9	0.0	0.0	0.0	0.0	0.0	28
CBM_B_NS-35	NS-35	592636.2	4795322.8	2.4	0	75	12.2	A	56.8	0.0	-1.4	7.9	0.9	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592634.2	4795319.3	2.4	0	75	12.7	A	56.6	0.0	-1.4	8.0	0.9	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592631.5	4795318.3	2.4	0	75	11.8	A	56.6	0.0	-1.5	8.0	0.9	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-35	NS-35	592637.5	4795320.6	2.4	0	75	12.3	A	56.7	0.0	-1.4	7.9	0.9	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592640.0	4795323.6	2.4	0	75	13.8	A	56.8	0.0	-1.3	7.8	0.9	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-35	NS-35	592636.9	4795340.6	2.4	0	75	14.2	A	57.5	0.0	-1.1	7.8	1.0	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-35	NS-35	592632.7	4795334.3	2.4	0	75	8.2	A	57.3	0.0	-1.2	7.9	1.0	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592629.7	4795329.8	2.4	0	75	8.8	A	57.1	0.0	-1.4	8.0	1.0	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592635.9	4795341.6	2.4	0	75	6.8	A	57.6	0.0	-1.1	7.8	1.0	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592632.4	4795336.1	2.4	0	75	5.5	A	57.4	0.0	-1.2	7.9	1.0	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-35	NS-35	592628.9	4795330.7	2.4	0	75	10.0	A	57.1	0.0	-1.3	8.0	1.0	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592625.8	4795325.7	2.4	0	75	7.9	A	57.0	0.0	-1.5	8.1	0.9	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592623.4	4795322.6	2.4	0	75	7.6	A	56.8	0.0	-1.6	8.2	0.9	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592630.9	4795306.1	2.4	0	75	4.7	A	56.0	0.0	-1.7	8.2	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592625.7	4795311.9	2.4	0	75	12.5	A	56.3	0.0	-1.7	8.2	0.9	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592622.2	4795316.7	2.4	0	75	5.2	A	56.6	0.0	-1.6	8.3	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592642.1	4795344.5	2.4	0	75	13.4	A	57.7	0.0	-1.1	7.6	1.0	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592623.7	4795320.3	2.4	0	75	10.2	A	56.7	0.0	-1.6	8.2	0.9	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592626.3	4795319.5	2.4	0	75	8.1	A	56.7	0.0	-1.6	8.1	0.9	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592640.5	4795304.1	2.4	0	75	6.3	A	55.9	0.0	-1.6	7.9	0.9	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592637.9	4795303.4	2.4	0	75	3.6	A	55.9	0.0	-1.7	8.0	0.9	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-35	NS-35	592642.8	4795341.6	2.4	0	75	8.5	A	57.5	0.0	-1.1	7.6	1.0	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592644.2	4795345.5	2.4	0	75	7.2	A	57.7	0.0	-1.1	7.6	1.0	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-36	NS-36	592658.4	4795328.7	2.5	0	102	0.0	A	57.0	0.0	-1.0	20.6	0.4	0.0	0.0	0.0	0.0	0.0	25
CBM_B_NS-37	NS-37	592661.5	4795332.2	2.5	0	122	0.0	A	57.2	0.0	-1.4	21.6	1.1	0.0	0.0	0.0	0.0	0.0	25
AGRO_REEFERNEW	REEFER	592529.2	4795153.9	1.5	0	102	0.0	A	53.3	0.0	-2.1	24.1	0.6	0.0	0.0	0.0	0.0	0.0	25
AGRO_REEFERNEW	REEFER	592526.1	4795157.0	1.5	0	102	0.0	A	53.5	0.0	-2.1	24.7	0.7	0.0	0.0	0.0	0.0	0.0	24
AGRO_REEFERNEW	REEFER	592522.9	4795160.1	1.5	0	102	0.0	A	53.8	0.0	-2.2	24.7	0.7	0.0	0.0	0.0	0.0	0.0	24

Receiver: R3
Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	47

Receiver Name	Receiver ID	X	Y	Z
R3	R3	592653 m	4795132 m	35.3 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AGRO_REEFERNEW	REEFER	592520.1	4795163.2	1.5	0	102	0.0	A	54.0	0.0	-2.3	24.7	0.7	0.0	0.0	0.0	0.0	0.0	24
D06_RTU	Small RTU	592652.7	4795157.2	9.0	0	81	0.0	A	42.2	0.0	-2.7	10.4	0.5	0.0	0.0	0.0	0.0	0.0	29
D06_RTU	Small RTU	592650.9	4795163.7	9.0	0	81	0.0	A	43.3	0.0	-2.8	11.0	0.6	0.0	0.0	0.0	0.0	0.0	27
D06_RTU	Small RTU	592662.0	4795165.2	9.0	0	81	0.0	A	43.7	0.0	-2.7	8.2	0.6	0.0	0.0	0.0	0.0	0.0	29
D06_RTU	Small RTU	592669.7	4795173.4	9.0	0	81	0.0	A	45.3	0.0	-2.6	7.0	0.7	0.0	0.0	0.0	0.0	0.0	29
D06_RTU	Small RTU	592663.8	4795179.1	9.0	0	81	0.0	A	45.8	0.0	-2.8	8.6	0.7	0.0	0.0	0.0	0.0	0.0	27
D06_RTU	Small RTU	592670.6	4795183.7	9.0	0	81	0.0	A	46.6	0.0	-2.7	7.6	0.8	0.0	0.0	0.0	0.0	0.0	27
AGRO_RTU	Small RTU	592611.7	4795198.9	8.0	0	81	0.0	A	49.4	0.0	-2.6	14.1	1.0	0.0	0.0	0.0	0.0	0.0	17
AGRO_RTU	Small RTU	592630.5	4795223.3	9.0	0	81	0.0	A	50.8	0.0	-2.6	12.3	1.2	0.0	0.0	0.0	0.0	0.0	18
AGRO_RTU	Small RTU	592613.3	4795239.2	9.0	0	81	0.0	A	52.4	0.0	-2.7	12.8	1.4	0.0	0.0	0.0	0.0	0.0	15
D06_RTU	Small RTU	592708.9	4795231.2	6.5	0	81	0.0	A	52.4	0.0	-2.4	5.6	1.4	0.0	0.0	0.0	0.0	0.0	22
D06_RTU	Small RTU	592709.0	4795237.5	6.5	0	81	0.0	A	52.8	0.0	-2.4	5.9	1.4	0.0	0.0	0.0	0.0	0.0	22
D06_RTU	Small RTU	592715.3	4795237.5	6.5	0	81	0.0	A	53.0	0.0	-2.4	5.4	1.4	0.0	0.0	0.0	0.0	0.0	22
D06_RTU	Small RTU	592703.4	4795244.2	6.5	0	81	0.0	A	53.0	0.0	-2.5	6.5	1.4	0.0	0.0	0.0	0.0	0.0	21
D06_RTU	Small RTU	592690.3	4795250.2	6.5	0	81	0.0	A	53.1	0.0	-2.5	7.8	1.4	0.0	0.0	0.0	0.0	0.0	20
D06_RTU	Small RTU	592725.5	4795240.1	6.5	0	81	0.0	A	53.5	0.0	-2.4	5.0	1.5	0.0	0.0	0.0	0.0	0.0	22
D06_RTU	Small RTU	592730.0	4795245.2	6.5	0	81	0.0	A	53.9	0.0	-2.4	4.9	1.5	0.0	0.0	0.0	0.0	0.0	21
D06_RTU	Small RTU	592715.8	4795256.7	6.5	0	81	0.0	A	54.1	0.0	-2.5	6.0	1.6	0.0	0.0	0.0	0.0	0.0	20
D06_RTU	Small RTU	592723.1	4795253.7	6.5	0	81	0.0	A	54.1	0.0	-2.5	5.5	1.6	0.0	0.0	0.0	0.0	0.0	21

*The total value shown accounts for all modelled sources and may include small contributions from sources not described in the table above

Receiver: R4
Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	47

Receiver Name	Receiver ID	X	Y	Z
R4	R4	592619 m	4795114 m	32.2 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_A_NS-02	NS-02	592532.6	4795371.4	1.0	0	93	0.0	A	59.7	0.0	-0.3	15.5	1.0	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-03	NS-03	592536.3	4795369.4	1.5	0	96	0.0	A	59.6	0.0	-1.0	15.6	1.0	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-05	NS-05	592534.7	4795373.4	1.0	0	95	0.0	A	59.8	0.0	0.3	15.6	1.0	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-06	NS-06	592538.4	4795371.4	1.5	0	96	0.0	A	59.7	0.0	-0.9	15.7	1.0	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-09	NS-09	592540.9	4795378.8	1.5	0	105	0.0	A	59.9	0.0	-0.7	17.2	1.5	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-09	NS-09	592518.3	4795612.6	2.0	0	94	10.1	A	65.1	0.0	-1.0	14.7	0.7	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-10	NS-10	592537.9	4795380.7	4.0	0	93	0.0	A	59.9	0.0	-2.0	16.6	1.5	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-11	NS-11	592593.8	4795387.6	1.5	0	105	0.0	A	59.8	0.0	0.4	23.4	1.2	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-13	NS-13	592599.3	4795388.3	1.5	0	105	0.0	A	59.8	0.0	0.7	23.0	1.2	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-18	NS-18	592558.4	4795405.9	6.4	0	84	11.3	A	60.5	0.0	-2.1	18.1	1.4	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-18	NS-18	592549.4	4795394.8	11.2	0	84	8.6	A	60.2	0.0	-2.3	17.6	1.4	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-18	NS-18	592544.9	4795389.1	13.6	0	84	9.1	A	60.1	0.0	-2.4	17.4	1.4	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-19	NS-19	592534.3	4795386.0	18.0	0	96	0.0	A	60.1	0.0	-2.4	14.9	0.6	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-20	NS-20	592530.7	4795383.7	24.0	0	96	0.0	A	60.1	0.0	-2.4	14.7	0.6	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-21	NS-21	592529.9	4795385.5	7.0	0	88	0.0	A	60.1	0.0	-2.3	14.7	0.6	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-22	NS-22	592535.2	4795384.7	5.0	0	110	0.0	A	60.1	0.0	-2.1	15.6	1.4	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-23	NS-23	592535.2	4795385.3	5.0	0	109	0.0	A	60.1	0.0	-2.1	15.6	1.4	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-25	NS-25	592668.4	4795739.5	2.4	0	74	27.6	A	67.0	0.0	-2.0	15.5	2.3	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-25	NS-25	592680.7	4795734.7	2.4	0	74	23.7	A	66.9	0.0	-2.0	15.6	2.3	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-25	NS-25	592667.0	4795710.0	2.4	0	74	25.5	A	66.5	0.0	-2.0	15.6	2.2	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-25	NS-25	592647.0	4795350.2	1.0	0	97	0.0	A	58.6	0.0	1.9	19.4	0.9	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-27	NS-27	592691.2	4795637.0	1.2	0	103	0.0	A	65.5	0.0	-0.6	18.4	1.2	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-28	NS-28	592684.7	4795679.0	2.4	0	79	19.0	A	66.1	0.0	-2.0	15.8	2.1	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-28	NS-28	592693.4	4795680.2	2.4	0	79	19.5	A	66.1	0.0	-2.0	15.9	2.2	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-28	NS-28	592690.3	4795666.7	2.4	0	79	18.9	A	65.9	0.0	-2.0	15.9	2.1	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-28	NS-28	592712.3	4795658.8	2.4	0	79	20.6	A	65.9	0.0	-2.0	16.2	2.1	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-29	NS-29	592518.4	4795621.3	2.0	0	111	0.0	A	65.3	0.0	-1.8	20.1	1.4	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-29	NS-29	592669.1	4795338.9	1.5	0	102	0.0	A	58.3	0.0	-1.8	23.2	1.3	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-30	NS-30	592703.4	4795652.6	2.0	0	104	0.0	A	65.7	0.0	-1.6	18.7	1.5	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-31	NS-31	592663.6	4795362.9	1.5	0	102	0.0	A	59.1	0.0	0.8	20.9	1.1	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592635.4	4795307.0	2.4	0	75	13.8	A	56.8	0.0	-1.8	16.8	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592626.9	4795313.9	2.4	0	75	13.8	A	57.1	0.0	-1.8	16.5	1.0	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592634.4	4795320.0	2.4	0	75	15.3	A	57.4	0.0	-1.6	16.6	1.0	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592637.0	4795340.8	2.4	0	75	14.9	A	58.2	0.0	-1.3	16.4	1.1	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-36	NS-36	592658.4	4795328.7	2.5	0	102	0.0	A	57.8	0.0	-0.7	20.5	0.5	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-37	NS-37	592661.5	4795332.2	2.5	0	122	0.0	A	58.0	0.0	-0.9	22.7	1.2	0.0	0.0	0.0	0.0	0.0	22
AGRO_REEFERNEW	REEFER	592529.2	4795153.9	1.5	0	102	0.0	A	51.2	0.0	-1.8	7.4	0.5	0.0	0.0	0.0	0.0	0.0	43
AGRO_REEFERNEW	REEFER	592526.1	4795157.0	1.5	0	102	0.0	A	51.6	0.0	-1.8	11.7	0.5	0.0	0.0	0.0	0.0	0.0	39
AGRO_REEFERNEW	REEFER	592522.9	4795160.1	1.5	0	102	0.0	A	51.9	0.0	-2.0	13.0	0.6	0.0	0.0	0.0	0.0	0.0	37
AGRO_REEFERNEW	REEFER	592520.1	4795163.2	1.5	0	102	0.0	A	52.2	0.0	-1.9	13.8	0.6	0.0	0.0	0.0	0.0	0.0	36
AGRO_RefTruck	Refrigeration Truck Movements	592511.5	4795138.4	2.0	0	64	15.0	A	52.2	0.0	-1.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	28
AGRO_RefTruck	Refrigeration Truck Movements	592529.7	4795122.2	2.0	0	64	12.7	A	50.5	0.0	-1.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	27
AGRO_RefTruck	Refrigeration Truck Movements	592494.9	4795176.1	2.0	0	64	4.3	A	54.0	0.0	-2.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	15
AGRO_RefTruck	Refrigeration Truck Movements	592495.6	4795173.6	2.0	0	64	4.3	A	53.9	0.0	-2.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	15
AGRO_RefTruck	Refrigeration Truck Movements	592496.3	4795171.0	2.0	0	64	4.1	A	53.8	0.0	-1.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	15

Receiver: R4

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	47

Receiver Name	Receiver ID	X	Y	Z
R4	R4	592619 m	4795114 m	32.2 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AGRO_RefTruck	Refrigeration Truck Movements	592497.0	4795168.5	2.0	0	64	4.2	A	53.7	0.0	-1.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	16
AGRO_RefTruck	Refrigeration Truck Movements	592499.1	4795160.9	2.0	0	64	11.2	A	53.4	0.0	-1.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	23
AGRO_RefTruck	Refrigeration Truck Movements	592501.6	4795151.8	2.0	0	64	3.5	A	53.1	0.0	-1.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	16
AGRO_RefTruck	Refrigeration Truck Movements	592499.3	4795198.7	2.0	0	64	4.9	A	54.5	0.0	-2.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0	16
AGRO_RefTruck	Refrigeration Truck Movements	592497.4	4795190.4	2.0	0	64	4.2	A	54.3	0.0	-2.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0	15
AGRO_RefTruck	Refrigeration Truck Movements	592496.8	4795187.6	2.0	0	64	4.7	A	54.3	0.0	-2.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0	16
AGRO_RefTruck	Refrigeration Truck Movements	592495.7	4795182.7	2.0	0	64	6.8	A	54.2	0.0	-2.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	18
AGRO_RefTruck	Refrigeration Truck Movements	592494.8	4795178.9	2.0	0	64	4.8	A	54.1	0.0	-2.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	16
AGRO_RegTruck	Regular Truck Movements	592511.5	4795138.4	2.0	0	60	15.0	A	52.2	0.0	-1.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	24
AGRO_RegTruck	Regular Truck Movements	592529.7	4795122.2	2.0	0	60	12.7	A	50.5	0.0	-1.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
AGRO_RegTruck	Regular Truck Movements	592499.1	4795160.9	2.0	0	60	11.2	A	53.4	0.0	-1.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	19
AGRO_RTU	Small RTU	592577.1	4795153.5	8.0	0	81	0.0	A	46.9	0.0	-2.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	34
AGRO_RTU	Small RTU	592582.0	4795160.1	8.0	0	81	0.0	A	47.1	0.0	-2.6	10.2	0.8	0.0	0.0	0.0	0.0	0.0	24
AGRO_RTU	Small RTU	592575.6	4795163.4	8.0	0	81	0.0	A	47.9	0.0	-2.6	8.1	0.9	0.0	0.0	0.0	0.0	0.0	25
AGRO_RTU	Small RTU	592579.3	4795173.2	8.0	0	81	0.0	A	48.5	0.0	-2.6	13.2	1.0	0.0	0.0	0.0	0.0	0.0	19
AGRO_RTU	Small RTU	592574.0	4795169.7	8.0	0	81	0.0	A	48.5	0.0	-2.6	10.0	1.0	0.0	0.0	0.0	0.0	0.0	22
AGRO_RTU	Small RTU	592557.6	4795162.4	8.0	0	81	0.0	A	49.2	0.0	-2.7	0.0	1.0	0.0	0.0	0.0	0.0	0.0	32

*The total value shown accounts for all modelled sources and may include small contributions from sources not described in the table above

Receiver: R5g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	54

Receiver Name	Receiver ID	X	Y	Z
R5g	R5g	592634 m	4795154 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NC-26b	NC-26b (east)	592699.2	4795645.3	3.5	0	88	4.5	A	64.9	3.0	-2.1	0.0	2.4	0.0	0.0	0.0	0.0	0.0	30
KPC_NC-26b	NC-26b (east)	592699.2	4795645.3	2.5	0	88	4.5	A	64.9	3.0	-2.2	0.0	2.4	0.0	0.0	0.0	0.0	0.0	30
KPC_NC-26b	NC-26b (east)	592699.2	4795645.3	1.5	0	88	4.5	A	64.9	3.0	-1.9	0.0	2.4	0.0	0.0	0.0	0.0	0.0	30
KPC_NC-26c	NC-26c (south)	592695.4	4795646.9	2.5	0	89	7.7	A	64.9	3.0	-2.2	0.0	2.4	0.0	0.0	0.0	0.0	0.0	34
KPC_NC-26c	NC-26c (south)	592697.9	4795644.5	2.5	0	89	-0.3	A	64.9	3.0	-2.2	0.0	2.4	0.0	0.0	0.0	0.0	0.0	26
KPC_NC-26c	NC-26c (south)	592695.4	4795646.9	1.5	0	89	7.7	A	64.9	3.0	-2.0	5.8	2.4	0.0	0.0	0.0	0.0	0.0	28
KPC_NC-26c	NC-26c (south)	592697.9	4795644.5	1.5	0	89	-0.3	A	64.9	3.0	-1.9	0.0	2.4	0.0	0.0	0.0	0.0	0.0	26
KPC_NC-26c	NC-26c (south)	592695.4	4795646.9	3.5	0	89	7.7	A	64.9	3.0	-2.1	0.0	2.4	0.0	0.0	0.0	0.0	0.0	34
KPC_NC-26c	NC-26c (south)	592697.9	4795644.5	3.5	0	89	-0.3	A	64.9	3.0	-2.1	0.0	2.4	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-02	NS-02	592532.6	4795371.4	1.0	0	93	0.0	A	58.6	0.0	-0.1	4.1	0.9	0.0	0.0	0.0	0.0	0.0	30
CBM_A_NS-03	NS-03	592536.3	4795369.4	1.5	0	96	0.0	A	58.5	0.0	-1.0	4.7	0.9	0.0	0.0	0.0	0.0	0.0	33
CBM_A_NS-04	NS-04	592533.0	4795372.6	4.0	0	86	0.0	A	58.6	0.0	-2.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0	29
CBM_A_NS-05	NS-05	592534.7	4795373.4	1.0	0	95	0.0	A	58.6	0.0	0.5	3.7	0.9	0.0	0.0	0.0	0.0	0.0	31
CBM_A_NS-06	NS-06	592538.4	4795371.4	1.5	0	96	0.0	A	58.5	0.0	-0.7	4.6	0.9	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-06	NS-06	592513.7	4795616.1	2.0	0	94	0.0	A	64.6	0.0	-1.4	4.8	0.6	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-07	NS-07	592535.1	4795374.7	4.0	0	86	0.0	A	58.7	0.0	-2.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-08	NS-08	592630.7	4795336.9	0.0	0	74	6.5	A	56.3	0.0	2.0	3.1	0.9	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-08	NS-08	592622.5	4795325.4	0.0	0	74	13.7	A	55.7	0.0	1.9	3.5	0.9	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-08	NS-08	592622.4	4795338.2	0.0	0	74	11.5	A	56.3	0.0	2.0	3.2	0.9	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-08	NS-08	592620.8	4795324.1	0.0	0	74	13.5	A	55.7	0.0	1.9	3.7	0.9	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-08	NS-08	592624.6	4795375.1	0.0	0	74	12.4	A	57.9	0.0	2.2	3.0	1.1	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-08	NS-08	592618.2	4795297.6	0.0	0	74	11.2	A	54.2	0.0	1.6	7.4	0.7	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-08	NS-08	592616.6	4795298.6	0.0	0	74	11.0	A	54.3	0.0	1.6	7.4	0.8	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-08	NS-08	592537.0	4795382.8	0.0	0	74	14.1	A	58.9	0.0	2.0	3.1	1.2	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-08	NS-08	592526.2	4795393.9	0.0	0	74	7.5	A	59.4	0.0	2.0	3.1	1.3	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-08	NS-08	592616.0	4795309.8	0.0	0	74	10.7	A	54.9	0.0	1.7	5.7	0.8	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-08	NS-08	592614.2	4795309.8	0.0	0	74	10.2	A	54.9	0.0	1.7	5.9	0.8	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-08	NS-08	592609.3	4795381.2	0.0	0	74	9.9	A	58.2	0.0	2.1	6.4	1.1	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-08	NS-08	592521.1	4795398.6	0.0	0	74	9.2	A	59.6	0.0	2.0	3.1	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-08	NS-08	592548.5	4795372.8	0.0	0	74	7.3	A	58.4	0.0	1.9	3.1	1.2	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-08	NS-08	592553.4	4795372.7	0.0	0	74	7.0	A	58.4	0.0	2.0	3.1	1.1	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-09	NS-09	592540.9	4795378.8	1.5	0	105	0.0	A	58.7	0.0	-0.5	4.3	1.4	0.0	0.0	0.0	0.0	0.0	41
KPC_NS-09	NS-09	592518.3	4795612.6	2.0	0	94	10.1	A	64.5	0.0	-1.3	4.8	0.6	0.0	0.0	0.0	0.0	0.0	36
CBM_A_NS-10	NS-10	592537.9	4795380.7	4.0	0	93	0.0	A	58.8	0.0	-1.9	0.0	1.4	0.0	0.0	0.0	0.0	0.0	34
CBM_A_NS-11	NS-11	592593.8	4795387.6	1.5	0	105	0.0	A	58.5	0.0	0.7	7.6	1.1	0.0	0.0	0.0	0.0	0.0	35
CBM_A_NS-12	NS-12	592595.0	4795384.3	4.0	0	95	0.0	A	58.4	0.0	-1.5	5.8	1.0	0.0	0.0	0.0	0.0	0.0	29
KPC_NS-12	NS-12	592524.7	4795629.7	20.0	0	94	0.0	A	64.8	0.0	-1.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	30
CBM_A_NS-13	NS-13	592599.3	4795388.3	1.5	0	105	0.0	A	58.5	0.0	0.7	3.9	1.1	0.0	0.0	0.0	0.0	0.0	38
CBM_A_NS-14	NS-14	592600.6	4795385.0	4.0	0	95	0.0	A	58.4	0.0	-1.5	4.8	1.0	0.0	0.0	0.0	0.0	0.0	30
CBM_A_NS-15	NS-15	592642.1	4795351.3	3.2	0	71	7.3	A	56.9	0.0	-1.2	4.7	1.0	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-15	NS-15	592636.5	4795343.0	3.2	0	71	9.2	A	56.5	0.0	-1.4	4.8	1.0	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-15	NS-15	592633.1	4795337.9	3.2	0	71	6.0	A	56.3	0.0	-1.5	4.8	0.9	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-15	NS-15	592624.6	4795325.1	3.2	0	71	14.3	A	55.7	0.0	-1.7	4.8	0.9	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-15	NS-15	592625.6	4795441.9	3.2	0	71	11.7	A	60.2	0.0	-1.0	4.7	1.4	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-15	NS-15	592637.7	4795430.8	3.2	0	71	9.4	A	59.8	0.0	-1.0	4.7	1.3	0.0	0.0	0.0	0.0	0.0	16

Receiver: R5g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	54

Receiver Name	Receiver ID	X	Y	Z
R5g	R5g	592634 m	4795154 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_A_NS-15	NS-15	592651.4	4795418.1	3.2	0	71	13.5	A	59.5	0.0	-1.0	4.7	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-15	NS-15	592663.9	4795406.7	3.2	0	71	10.6	A	59.1	0.0	-1.0	4.7	1.2	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-15	NS-15	592670.7	4795400.4	3.2	0	71	8.4	A	58.9	0.0	-1.1	4.7	1.2	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-15	NS-15	592673.4	4795383.1	3.2	0	71	9.3	A	58.3	0.0	-1.6	4.8	1.1	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-15	NS-15	592667.3	4795377.1	3.2	0	71	9.4	A	58.1	0.0	-1.3	4.7	1.1	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-15	NS-15	592659.6	4795369.5	3.2	0	71	11.1	A	57.7	0.0	-1.1	4.7	1.1	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-15	NS-15	592649.3	4795359.3	3.2	0	71	12.1	A	57.3	0.0	-1.1	4.7	1.0	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-15	NS-15	592513.7	4795411.5	3.2	0	71	10.1	A	60.1	0.0	-1.7	0.0	1.4	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-15	NS-15	592521.1	4795417.9	3.2	0	71	9.7	A	60.2	0.0	-1.6	0.0	1.4	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-15	NS-15	592530.0	4795425.7	3.2	0	71	9.8	A	60.3	0.0	-1.6	0.0	1.4	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-15	NS-15	592535.6	4795430.6	3.2	0	71	7.3	A	60.4	0.0	-1.3	0.0	1.4	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-15	NS-15	592548.5	4795441.9	3.2	0	71	13.5	A	60.6	0.0	-1.4	4.6	1.4	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-15	NS-15	592618.2	4795297.9	3.2	0	71	11.2	A	54.2	0.0	-2.3	4.8	0.7	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-15	NS-15	592616.5	4795309.0	3.2	0	71	10.0	A	54.9	0.0	-2.2	4.8	0.8	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-15	NS-15	592620.0	4795288.8	3.2	0	71	5.4	A	53.7	0.0	-2.5	4.9	0.7	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-15	NS-15	592675.5	4795391.4	3.2	0	71	10.4	A	58.6	0.0	-1.5	4.8	1.2	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-15	NS-15	592602.1	4795459.2	3.2	0	71	10.5	A	60.7	0.0	-1.0	4.9	1.5	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-15	NS-15	592509.5	4795398.0	3.2	0	71	9.7	A	59.8	0.0	-2.1	0.0	1.3	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-15	NS-15	592509.1	4795405.3	3.2	0	71	7.6	A	60.0	0.0	-1.9	0.0	1.4	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-15	NS-15	592510.3	4795391.1	3.2	0	71	6.8	A	59.5	0.0	-2.2	0.0	1.3	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-16	NS-16	592496.1	4795608.4	2.0	0	84	12.8	A	64.5	0.0	-2.2	3.7	1.2	0.0	0.0	0.0	0.0	0.0	30
CBM_A_NS-16	NS-16	592586.5	4795460.4	4.5	0	104	0.0	A	60.8	0.0	-1.1	4.7	1.1	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-17	NS-17	592567.4	4795434.3	5.4	0	76	5.1	A	60.2	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592573.9	4795433.1	5.4	0	76	13.5	A	60.1	0.0	-1.7	4.8	1.3	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-17	NS-17	592578.1	4795432.3	5.4	0	76	7.0	A	60.1	0.0	-1.6	4.8	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592581.6	4795431.6	5.4	0	76	14.3	A	60.0	0.0	-1.6	4.8	1.3	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-17	NS-17	592587.7	4795429.3	5.4	0	76	14.7	A	59.9	0.0	-1.6	4.8	1.2	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-17	NS-17	592593.8	4795425.9	5.4	0	76	6.9	A	59.8	0.0	-1.6	4.8	1.2	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592594.1	4795424.4	5.4	0	76	5.2	A	59.7	0.0	-1.7	4.8	1.2	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592588.4	4795424.7	5.4	0	76	12.9	A	59.8	0.0	-1.7	4.8	1.2	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-17	NS-17	592582.6	4795425.1	5.4	0	76	14.0	A	59.8	0.0	-1.7	4.8	1.2	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-17	NS-17	592579.5	4795425.3	5.4	0	76	8.4	A	59.8	0.0	-1.7	4.8	1.2	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592576.7	4795425.5	5.4	0	76	14.7	A	59.9	0.0	-1.7	4.8	1.2	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-17	NS-17	592573.8	4795427.1	5.4	0	76	7.7	A	59.9	0.0	-1.8	4.8	1.2	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592594.2	4795423.4	5.4	0	76	4.9	A	59.7	0.0	-1.7	4.8	1.2	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592589.3	4795422.1	5.4	0	76	11.9	A	59.7	0.0	-1.7	4.9	1.2	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-17	NS-17	592586.3	4795421.3	5.4	0	76	3.6	A	59.7	0.0	-1.7	4.9	1.2	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-17	NS-17	592583.7	4795421.5	5.4	0	76	10.9	A	59.7	0.0	-1.7	4.9	1.2	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-17	NS-17	592578.3	4795421.7	5.4	0	76	4.3	A	59.7	0.0	-1.7	4.8	1.2	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592595.7	4795421.5	5.4	0	76	8.8	A	59.6	0.0	-1.7	4.8	1.2	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592594.2	4795420.1	5.4	0	76	9.6	A	59.6	0.0	-1.7	4.8	1.2	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-17	NS-17	592591.1	4795419.9	5.4	0	76	11.6	A	59.6	0.0	-1.7	5.0	1.2	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-17	NS-17	592588.0	4795426.8	5.4	0	76	6.8	A	59.8	0.0	-1.6	4.8	1.2	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592581.9	4795428.6	5.4	0	76	7.8	A	59.9	0.0	-1.6	4.8	1.2	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592574.3	4795430.7	5.4	0	76	10.8	A	60.0	0.0	-1.7	4.8	1.3	0.0	0.0	0.0	0.0	0.0	22

Receiver: R5g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	54

Receiver Name	Receiver ID	X	Y	Z
R5g	R5g	592634 m	4795154 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_A_NS-17	NS-17	592570.1	4795432.1	5.4	0	76	4.5	A	60.1	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592567.6	4795433.3	5.4	0	76	5.4	A	60.2	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592578.0	4795418.6	5.4	0	76	11.5	A	59.6	0.0	-1.8	4.8	1.2	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-17	NS-17	592581.2	4795417.0	5.4	0	76	3.1	A	59.6	0.0	-1.7	4.8	1.2	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-17	NS-17	592564.5	4795431.3	5.4	0	76	4.5	A	60.1	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592565.2	4795432.1	5.4	0	76	7.1	A	60.1	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592567.3	4795431.6	5.4	0	76	10.2	A	60.1	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-17	NS-17	592583.0	4795417.6	5.4	0	76	8.3	A	59.6	0.0	-1.7	5.4	1.2	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592580.9	4795418.8	5.4	0	76	3.4	A	59.6	0.0	-1.7	4.8	1.2	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-17	NS-17	592578.6	4795420.1	5.4	0	76	5.5	A	59.7	0.0	-1.7	4.1	1.2	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592583.4	4795419.5	5.4	0	76	8.2	A	59.6	0.0	-1.7	5.1	1.2	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592578.4	4795421.0	5.4	0	76	3.1	A	59.7	0.0	-1.7	4.8	1.2	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-17	NS-17	592588.7	4795430.9	5.4	0	76	7.5	A	60.0	0.0	-1.6	4.8	1.2	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592593.6	4795427.2	5.4	0	76	5.1	A	59.8	0.0	-1.6	4.8	1.2	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592572.2	4795424.6	5.4	0	76	6.0	A	59.9	0.0	-1.8	4.8	1.2	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592571.1	4795422.5	5.4	0	76	3.5	A	59.8	0.0	-1.8	4.8	1.2	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-17	NS-17	592575.0	4795429.5	5.4	0	76	5.1	A	60.0	0.0	-1.7	4.8	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592596.9	4795420.5	5.4	0	76	8.5	A	59.6	0.0	-1.7	4.8	1.2	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592572.3	4795434.9	5.4	0	76	6.1	A	60.2	0.0	-1.7	4.8	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592590.4	4795418.2	5.4	0	76	5.8	A	59.6	0.0	-1.7	5.1	1.2	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592573.9	4795424.1	5.4	0	76	7.2	A	59.8	0.0	-1.8	4.8	1.2	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592572.9	4795423.7	5.4	0	76	6.1	A	59.8	0.0	-1.8	4.8	1.2	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592567.8	4795429.6	5.4	0	76	4.1	A	60.0	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-18	NS-18	592565.9	4795415.3	2.4	0	84	4.1	A	59.6	0.0	-1.5	7.3	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-18	NS-18	592561.0	4795409.2	5.0	0	84	11.5	A	59.5	0.0	-1.9	5.1	1.3	0.0	0.0	0.0	0.0	0.0	31
CBM_A_NS-18	NS-18	592554.5	4795401.1	8.5	0	84	8.8	A	59.3	0.0	-2.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	34
CBM_A_NS-18	NS-18	592551.6	4795397.6	10.0	0	84	3.0	A	59.2	0.0	-2.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-18	NS-18	592550.7	4795396.3	10.5	0	84	1.2	A	59.2	0.0	-2.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-18	NS-18	592548.7	4795393.9	11.6	0	84	7.3	A	59.1	0.0	-2.1	0.0	1.2	0.0	0.0	0.0	0.0	0.0	33
CBM_A_NS-18	NS-18	592544.3	4795388.4	13.9	0	84	9.8	A	59.0	0.0	-2.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	35
CBM_A_NS-18	NS-18	592541.2	4795384.5	15.6	0	84	0.2	A	58.9	0.0	-2.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-18	NS-18	592540.6	4795383.8	15.9	0	84	-0.5	A	58.9	0.0	-2.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-19	NS-19	592534.3	4795386.0	18.0	0	96	0.0	A	59.0	0.0	-2.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	39
CBM_A_NS-20	NS-20	592530.7	4795383.7	24.0	0	96	0.0	A	59.0	0.0	-2.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	39
CBM_A_NS-21	NS-21	592529.9	4795385.5	7.0	0	88	0.0	A	59.1	0.0	-2.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	31
CBM_A_NS-22	NS-22	592535.2	4795384.7	5.0	0	110	0.0	A	59.0	0.0	-2.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	34
CBM_A_NS-23	NS-23	592535.2	4795385.3	5.0	0	109	0.0	A	59.0	0.0	-2.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-24	NS-24	592557.7	4795560.3	2.4	0	68	19.1	A	63.3	0.0	-2.0	4.8	1.7	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592565.5	4795570.0	2.4	0	68	23.6	A	63.5	0.0	-2.0	4.8	1.7	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-24	NS-24	592572.4	4795579.0	2.4	0	68	23.0	A	63.7	0.0	-2.1	4.8	1.7	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-24	NS-24	592577.7	4795577.3	2.4	0	68	20.0	A	63.6	0.0	-2.0	4.8	1.7	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592583.7	4795604.4	2.4	0	68	24.8	A	64.1	0.0	-2.1	4.8	1.8	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-24	NS-24	592558.9	4795629.7	2.4	0	68	19.1	A	64.7	0.0	-2.4	3.4	1.9	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592561.5	4795636.1	2.4	0	68	14.7	A	64.8	0.0	-2.3	0.0	1.9	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592567.7	4795635.5	2.4	0	68	22.7	A	64.7	0.0	-2.3	0.0	1.9	0.0	0.0	0.0	0.0	0.0	26

Receiver: R5g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	54

Receiver Name	Receiver ID	X	Y	Z
R5g	R5g	592634 m	4795154 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NS-24	NS-24	592578.4	4795604.2	2.4	0	68	23.7	A	64.1	0.0	-2.1	4.8	1.8	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-24	NS-24	592566.9	4795555.0	2.4	0	68	18.9	A	63.2	0.0	-1.9	4.8	1.7	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592559.4	4795551.1	2.4	0	68	17.1	A	63.1	0.0	-2.0	4.8	1.7	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592549.1	4795594.3	2.4	0	68	16.7	A	64.0	0.0	-2.2	5.3	1.8	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592526.8	4795570.4	2.4	0	68	18.6	A	63.7	0.0	-2.2	4.8	1.7	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592562.3	4795581.1	2.4	0	68	17.5	A	63.7	0.0	-2.1	4.8	1.8	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592588.2	4795591.3	2.4	0	68	20.9	A	63.9	0.0	-2.1	4.8	1.8	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592554.5	4795611.6	2.4	0	68	17.2	A	64.3	0.0	-2.3	4.8	1.8	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592521.8	4795578.6	2.4	0	68	17.8	A	63.9	0.0	-2.3	4.8	1.8	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592527.8	4795576.8	2.4	0	68	15.4	A	63.8	0.0	-2.2	4.8	1.8	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-24	NS-24	592543.2	4795562.5	2.4	0	68	19.3	A	63.4	0.0	-2.1	4.8	1.7	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592570.0	4795625.5	2.4	0	68	18.3	A	64.6	0.0	-2.2	0.0	1.9	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-24	NS-24	592529.3	4795563.9	2.4	0	68	15.8	A	63.5	0.0	-2.2	4.8	1.7	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592572.8	4795620.5	2.4	0	68	20.2	A	64.5	0.0	-2.2	0.0	1.9	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-24	NS-24	592548.2	4795562.6	2.4	0	68	17.9	A	63.4	0.0	-2.1	4.8	1.7	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592576.3	4795592.5	2.4	0	68	18.2	A	63.9	0.0	-2.1	4.8	1.8	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592556.4	4795637.4	2.4	0	68	16.8	A	64.8	0.0	-2.4	2.0	1.9	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592568.1	4795644.1	2.4	0	68	16.4	A	64.9	0.0	-2.3	0.0	1.9	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592574.6	4795639.6	2.4	0	68	12.7	A	64.8	0.0	-2.3	0.0	1.9	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592560.4	4795614.3	2.4	0	68	16.2	A	64.4	0.0	-2.3	4.8	1.9	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-25	NS-25	592634.0	4795738.1	2.4	0	74	7.8	A	66.3	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-25	NS-25	592643.5	4795738.4	2.4	0	74	21.3	A	66.3	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	30
KPC_NS-25	NS-25	592651.7	4795738.6	2.4	0	74	19.8	A	66.3	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-25	NS-25	592666.5	4795739.2	2.4	0	74	28.5	A	66.4	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	37
KPC_NS-25	NS-25	592683.1	4795732.1	2.4	0	74	27.2	A	66.3	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	36
KPC_NS-25	NS-25	592694.7	4795718.7	2.4	0	74	22.0	A	66.1	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	31
KPC_NS-25	NS-25	592699.9	4795712.9	2.4	0	74	13.5	A	66.0	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-25	NS-25	592702.8	4795709.6	2.4	0	74	16.2	A	66.0	0.0	-2.6	1.6	2.1	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-25	NS-25	592706.5	4795705.5	2.4	0	74	9.2	A	65.9	0.0	-2.6	1.4	2.1	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-25	NS-25	592702.1	4795703.7	2.4	0	74	13.0	A	65.9	0.0	-2.6	1.6	2.1	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-25	NS-25	592698.9	4795704.2	2.4	0	74	10.3	A	65.9	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-25	NS-25	592693.3	4795705.2	2.4	0	74	18.7	A	65.9	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-25	NS-25	592672.3	4795709.1	2.4	0	74	27.6	A	65.9	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	36
KPC_NS-25	NS-25	592656.6	4795714.3	2.4	0	74	21.9	A	66.0	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	31
KPC_NS-25	NS-25	592651.1	4795719.5	2.4	0	74	19.7	A	66.1	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-25	NS-25	592643.3	4795726.9	2.4	0	74	21.4	A	66.2	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	30
KPC_NS-25	NS-25	592634.0	4795735.8	2.4	0	74	8.1	A	66.3	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-25	NS-25	592713.0	4795713.4	2.4	0	74	17.2	A	66.0	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-25	NS-25	592710.8	4795712.2	2.4	0	74	6.4	A	66.0	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-25	NS-25	592709.9	4795713.2	2.4	0	74	15.1	A	66.0	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-25	NS-25	592708.1	4795715.9	2.4	0	74	16.8	A	66.1	0.0	-2.6	2.0	2.1	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-25	NS-25	592704.7	4795721.0	2.4	0	74	19.5	A	66.1	0.0	-2.6	2.5	2.2	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-25	NS-25	592701.5	4795725.8	2.4	0	74	14.5	A	66.2	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-25	NS-25	592696.9	4795732.5	2.4	0	74	20.2	A	66.3	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	29
KPC_NS-25	NS-25	592687.8	4795746.1	2.4	0	74	18.9	A	66.5	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	27

Receiver: R5g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	54

Receiver Name	Receiver ID	X	Y	Z
R5g	R5g	592634 m	4795154 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NS-25	NS-25	592654.9	4795701.8	2.4	0	74	12.3	A	65.8	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-25	NS-25	592650.3	4795706.3	2.4	0	74	15.6	A	65.8	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-25	NS-25	592644.2	4795712.5	2.4	0	74	19.9	A	65.9	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	29
KPC_NS-25	NS-25	592638.5	4795721.7	2.4	0	74	18.4	A	66.1	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-25	NS-25	592634.0	4795732.4	2.4	0	74	10.6	A	66.2	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-25	NS-25	592701.7	4795700.4	2.4	0	74	11.4	A	65.8	0.0	-2.6	1.7	2.1	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-25	NS-25	592698.3	4795699.5	2.4	0	74	8.6	A	65.8	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592692.5	4795697.9	2.4	0	74	17.0	A	65.8	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-25	NS-25	592687.5	4795696.6	2.4	0	74	11.5	A	65.7	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-25	NS-25	592677.4	4795696.8	2.4	0	74	20.5	A	65.7	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	29
KPC_NS-25	NS-25	592634.0	4795740.4	2.4	0	74	7.8	A	66.4	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-25	NS-25	592638.6	4795744.9	2.4	0	74	15.8	A	66.4	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-25	NS-25	592645.0	4795748.8	2.4	0	74	18.2	A	66.5	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-25	NS-25	592651.8	4795751.3	2.4	0	74	15.3	A	66.5	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-25	NS-25	592662.4	4795755.1	2.4	0	74	18.4	A	66.6	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-25	NS-25	592647.0	4795350.2	1.0	0	97	0.0	A	56.9	0.0	1.9	5.2	0.8	0.0	0.0	0.0	0.0	0.0	33
CBM_B_NS-26	NS-26	592643.8	4795352.0	1.5	0	92	0.0	A	57.0	0.0	0.8	4.8	0.8	0.0	0.0	0.0	0.0	0.0	29
KPC_NS-26e	NS-26e	592696.5	4795647.7	3.5	0	102	0.0	A	64.9	0.0	-2.1	0.0	2.4	0.0	0.0	0.0	0.0	0.0	37
KPC_NS-27	NS-27	592691.2	4795637.0	1.2	0	103	0.0	A	64.7	0.0	-1.1	0.0	1.2	0.0	0.0	0.0	0.0	0.0	38
CBM_B_NS-27	NS-27	592646.9	4795349.1	4.0	0	93	0.0	A	56.8	0.0	-1.2	4.8	0.8	0.0	0.0	0.0	0.0	0.0	32
KPC_NS-28	NS-28	592680.6	4795677.5	2.4	0	79	21.4	A	65.4	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	35
KPC_NS-28	NS-28	592689.0	4795680.4	2.4	0	79	18.7	A	65.5	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	32
KPC_NS-28	NS-28	592693.1	4795680.3	2.4	0	79	18.6	A	65.5	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	32
KPC_NS-28	NS-28	592695.9	4795679.2	2.4	0	79	14.6	A	65.5	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-28	NS-28	592699.1	4795677.8	2.4	0	79	18.6	A	65.5	0.0	-2.5	2.1	2.0	0.0	0.0	0.0	0.0	0.0	30
KPC_NS-28	NS-28	592702.8	4795676.3	2.4	0	79	14.7	A	65.4	0.0	-2.5	1.8	2.0	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-28	NS-28	592704.9	4795675.5	2.4	0	79	12.8	A	65.4	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592710.5	4795673.2	2.4	0	79	18.9	A	65.4	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-28	NS-28	592718.8	4795669.8	2.4	0	79	8.3	A	65.4	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-28	NS-28	592718.6	4795668.1	2.4	0	79	7.6	A	65.3	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-28	NS-28	592709.6	4795666.7	2.4	0	79	18.1	A	65.3	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	32
KPC_NS-28	NS-28	592703.6	4795665.8	2.4	0	79	12.0	A	65.3	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592701.4	4795665.5	2.4	0	79	13.8	A	65.3	0.0	-2.5	2.1	2.0	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592698.3	4795665.0	2.4	0	79	16.2	A	65.2	0.0	-2.5	2.8	2.0	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-28	NS-28	592695.8	4795664.9	2.4	0	79	12.0	A	65.2	0.0	-2.5	1.8	2.0	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-28	NS-28	592694.3	4795665.4	2.4	0	79	13.0	A	65.2	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-28	NS-28	592689.8	4795666.8	2.4	0	79	18.8	A	65.3	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-28	NS-28	592679.8	4795669.9	2.4	0	79	18.3	A	65.3	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	32
KPC_NS-28	NS-28	592718.0	4795664.6	2.4	0	79	12.8	A	65.3	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-28	NS-28	592711.1	4795657.7	2.4	0	79	20.0	A	65.1	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	34
KPC_NS-28	NS-28	592705.4	4795654.7	2.4	0	79	18.6	A	65.1	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-28	NS-28	592702.3	4795656.0	2.4	0	79	12.8	A	65.1	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-28	NS-28	592700.4	4795656.7	2.4	0	79	12.6	A	65.1	0.0	-2.4	2.9	2.0	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-28	NS-28	592698.0	4795657.7	2.4	0	79	10.2	A	65.1	0.0	-2.4	4.0	2.0	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-28	NS-28	592711.8	4795651.1	2.4	0	79	14.6	A	65.0	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	29

Receiver: R5g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	54

Receiver Name	Receiver ID	X	Y	Z
R5g	R5g	592634 m	4795154 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NS-28	NS-28	592718.0	4795658.4	2.4	0	79	17.2	A	65.2	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	31
KPC_NS-28	NS-28	592720.9	4795659.7	2.4	0	79	10.2	A	65.2	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-28	NS-28	592694.8	4795689.1	2.4	0	79	3.4	A	65.6	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-28	NS-28	592697.0	4795687.8	2.4	0	79	3.7	A	65.6	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-28	NS-28	592700.5	4795685.7	2.4	0	79	10.5	A	65.6	0.0	-2.6	2.0	2.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-28	NS-28	592703.9	4795683.7	2.4	0	79	9.0	A	65.6	0.0	-2.5	1.6	2.1	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-28	NS-28	592705.9	4795682.5	2.4	0	79	8.3	A	65.5	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-28	NS-28	592708.4	4795681.0	2.4	0	79	11.7	A	65.5	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-28	NS-28	592713.2	4795677.0	2.4	0	79	14.5	A	65.5	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-28	NS-28	592719.1	4795671.3	2.4	0	79	5.9	A	65.4	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-28	NS-28	592693.4	4795659.1	2.4	0	79	3.5	A	65.1	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-28	NS-28	592690.0	4795659.9	2.4	0	79	12.0	A	65.1	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592686.5	4795661.3	2.4	0	79	11.4	A	65.2	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-28	NS-28	592679.4	4795666.0	2.4	0	79	15.5	A	65.2	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	29
KPC_NS-28	NS-28	592674.9	4795679.4	2.4	0	79	12.5	A	65.4	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592682.1	4795684.7	2.4	0	79	13.6	A	65.5	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-28	NS-28	592689.1	4795688.8	2.4	0	79	4.5	A	65.6	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-28	NS-28	592703.4	4795647.3	2.4	0	79	5.0	A	64.9	0.0	-2.4	0.0	1.9	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-28	NS-28	592701.3	4795649.7	2.4	0	79	4.7	A	65.0	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-28	NS-28	592699.6	4795651.8	2.4	0	79	7.4	A	65.0	0.0	-2.4	4.7	2.0	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-28	NS-28	592697.4	4795654.4	2.4	0	79	9.2	A	65.1	0.0	-2.4	5.3	2.0	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-28	NS-28	592630.7	4795336.8	0.0	0	73	6.4	A	56.3	0.0	2.0	3.1	0.9	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-28	NS-28	592622.4	4795325.8	0.0	0	73	13.6	A	55.7	0.0	1.9	3.5	0.9	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-28	NS-28	592622.4	4795325.9	0.0	0	73	13.6	A	55.7	0.0	1.9	3.5	0.9	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-28	NS-28	592630.6	4795337.2	0.0	0	73	6.8	A	56.3	0.0	2.0	3.1	0.9	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-28	NS-28	592617.2	4795299.1	0.0	0	73	11.4	A	54.3	0.0	1.6	7.2	0.8	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-28	NS-28	592617.3	4795299.2	0.0	0	73	11.4	A	54.3	0.0	1.6	7.2	0.8	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-28	NS-28	592615.0	4795311.0	0.0	0	73	10.5	A	55.0	0.0	1.7	5.6	0.8	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-28	NS-28	592615.1	4795311.1	0.0	0	73	10.4	A	55.0	0.0	1.7	5.6	0.8	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-28	NS-28	592648.2	4795358.2	0.0	0	73	11.7	A	57.2	0.0	2.2	7.1	1.0	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-28	NS-28	592648.6	4795358.1	0.0	0	73	11.4	A	57.2	0.0	2.2	7.1	1.0	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-29	NS-29	592518.4	4795621.3	2.0	0	111	0.0	A	64.6	0.0	-2.1	18.1	1.3	0.0	0.0	0.0	0.0	0.0	29
CBM_B_NS-29	NS-29	592669.1	4795338.9	1.5	0	102	0.0	A	56.5	0.0	-1.9	17.2	1.1	0.0	0.0	0.0	0.0	0.0	29
KPC_NS-30	NS-30	592703.4	4795652.6	2.0	0	104	0.0	A	65.0	0.0	-2.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	40
CBM_B_NS-30	NS-30	592670.5	4795342.1	4.0	0	92	0.0	A	56.7	0.0	-1.9	6.7	1.1	0.0	0.0	0.0	0.0	0.0	29
CBM_B_NS-31	NS-31	592663.6	4795362.9	1.5	0	102	0.0	A	57.5	0.0	0.8	6.4	1.0	0.0	0.0	0.0	0.0	0.0	36
CBM_B_NS-32	NS-32	592665.1	4795362.3	4.0	0	92	0.0	A	57.5	0.0	-1.2	4.8	1.0	0.0	0.0	0.0	0.0	0.0	30
KPC_NS-32	NS-32	592510.3	4795613.3	2.0	0	95	0.0	A	64.5	0.0	-2.1	4.8	1.3	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-33	NS-33	592627.1	4795302.9	0.0	0	69	11.0	A	54.5	0.0	1.7	5.4	0.8	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-33	NS-33	592624.5	4795310.6	0.0	0	69	11.2	A	54.9	0.0	1.8	4.7	0.8	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-33	NS-33	592623.6	4795297.7	0.0	0	69	9.5	A	54.2	0.0	1.6	6.7	0.7	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-34	NS-34	592632.8	4795319.0	2.5	0	104	0.0	A	55.4	0.0	-1.5	4.8	0.8	0.0	0.0	0.0	0.0	0.0	31
CBM_B_NS-35	NS-35	592640.8	4795306.1	2.4	0	75	10.5	A	54.7	0.0	-1.6	5.2	0.8	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592638.4	4795306.6	2.4	0	75	8.1	A	54.7	0.0	-1.6	5.6	0.8	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592635.8	4795307.1	2.4	0	75	14.0	A	54.7	0.0	-1.7	4.8	0.8	0.0	0.0	0.0	0.0	0.0	30

Receiver: R5g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	54

Receiver Name	Receiver ID	X	Y	Z
R5g	R5g	592634 m	4795154 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_B_NS-35	NS-35	592633.8	4795307.5	2.4	0	75	7.2	A	54.7	0.0	-1.7	4.8	0.8	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592632.9	4795308.1	2.4	0	75	10.3	A	54.8	0.0	-1.7	4.8	0.8	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592628.4	4795312.4	2.4	0	75	16.7	A	55.0	0.0	-1.7	4.7	0.8	0.0	0.0	0.0	0.0	0.0	32
CBM_B_NS-35	NS-35	592646.8	4795314.0	2.4	0	75	16.8	A	55.1	0.0	-1.4	4.7	0.8	0.0	0.0	0.0	0.0	0.0	32
CBM_B_NS-35	NS-35	592644.6	4795315.9	2.4	0	75	9.3	A	55.2	0.0	-1.4	4.7	0.8	0.0	0.0	0.0	0.0	0.0	25
CBM_B_NS-35	NS-35	592628.4	4795316.1	2.4	0	75	12.2	A	55.2	0.0	-1.6	4.7	0.8	0.0	0.0	0.0	0.0	0.0	28
CBM_B_NS-35	NS-35	592633.2	4795313.8	2.4	0	75	7.8	A	55.1	0.0	-1.6	4.7	0.8	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592636.1	4795312.4	2.4	0	75	11.5	A	55.0	0.0	-1.6	4.7	0.8	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-35	NS-35	592638.1	4795311.4	2.4	0	75	2.2	A	55.0	0.0	-1.6	4.7	0.8	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592638.7	4795310.9	2.4	0	75	5.9	A	54.9	0.0	-1.6	4.7	0.8	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-35	NS-35	592640.9	4795308.7	2.4	0	75	9.7	A	54.8	0.0	-1.6	4.9	0.8	0.0	0.0	0.0	0.0	0.0	25
CBM_B_NS-35	NS-35	592639.0	4795313.5	2.4	0	75	1.3	A	55.1	0.0	-1.5	4.7	0.8	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-35	NS-35	592641.9	4795313.9	2.4	0	75	15.5	A	55.1	0.0	-1.5	4.7	0.8	0.0	0.0	0.0	0.0	0.0	31
CBM_B_NS-35	NS-35	592643.7	4795314.2	2.4	0	75	4.8	A	55.1	0.0	-1.5	4.7	0.8	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592643.9	4795311.3	2.4	0	75	8.7	A	55.0	0.0	-1.5	4.7	0.8	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-35	NS-35	592636.5	4795323.0	2.4	0	75	10.8	A	55.6	0.0	-1.4	4.7	0.8	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592635.0	4795320.0	2.4	0	75	11.8	A	55.4	0.0	-1.5	4.7	0.8	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-35	NS-35	592633.2	4795319.3	2.4	0	75	11.5	A	55.4	0.0	-1.5	4.7	0.8	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-35	NS-35	592631.0	4795318.3	2.4	0	75	10.0	A	55.3	0.0	-1.6	4.7	0.8	0.0	0.0	0.0	0.0	0.0	25
CBM_B_NS-35	NS-35	592637.1	4795320.2	2.4	0	75	10.5	A	55.4	0.0	-1.5	4.7	0.8	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592638.0	4795323.0	2.4	0	75	5.1	A	55.6	0.0	-1.4	4.7	0.8	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592638.9	4795323.1	2.4	0	75	11.2	A	55.6	0.0	-1.4	4.7	0.8	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592640.8	4795323.4	2.4	0	75	11.2	A	55.6	0.0	-1.4	4.7	0.8	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592640.1	4795346.3	2.4	0	75	2.2	A	56.7	0.0	-1.1	4.8	0.9	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-35	NS-35	592639.3	4795344.1	2.4	0	75	8.1	A	56.6	0.0	-1.1	4.9	0.9	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-35	NS-35	592636.6	4795340.1	2.4	0	75	13.0	A	56.4	0.0	-1.2	5.2	0.9	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592633.2	4795335.0	2.4	0	75	8.4	A	56.2	0.0	-1.3	5.6	0.9	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-35	NS-35	592629.7	4795329.8	2.4	0	75	9.9	A	55.9	0.0	-1.4	4.7	0.9	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-35	NS-35	592636.1	4795341.9	2.4	0	75	5.6	A	56.5	0.0	-1.1	4.8	0.9	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592633.1	4795337.2	2.4	0	75	5.0	A	56.3	0.0	-1.2	5.0	0.9	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592628.1	4795329.3	2.4	0	75	12.3	A	55.9	0.0	-1.4	4.7	0.9	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-35	NS-35	592623.5	4795322.8	2.4	0	75	7.8	A	55.6	0.0	-1.6	4.7	0.8	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592625.9	4795311.8	2.4	0	75	13.8	A	55.0	0.0	-1.7	4.8	0.8	0.0	0.0	0.0	0.0	0.0	30
CBM_B_NS-35	NS-35	592624.7	4795320.0	2.4	0	75	12.3	A	55.4	0.0	-1.6	4.7	0.8	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-35	NS-35	592640.2	4795344.3	2.4	0	75	2.7	A	56.6	0.0	-1.1	5.1	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592642.3	4795344.5	2.4	0	75	13.0	A	56.6	0.0	-1.1	4.8	0.9	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592640.7	4795304.2	2.4	0	75	5.9	A	54.6	0.0	-1.6	5.7	0.7	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-35	NS-35	592638.3	4795303.4	2.4	0	75	1.9	A	54.5	0.0	-1.7	6.9	0.7	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592636.3	4795303.3	2.4	0	75	3.8	A	54.5	0.0	-1.7	4.8	0.7	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592643.7	4795341.7	2.4	0	75	6.0	A	56.5	0.0	-1.1	5.0	0.9	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592641.6	4795341.4	2.4	0	75	4.7	A	56.5	0.0	-1.1	5.6	0.9	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-35	NS-35	592644.1	4795345.5	2.4	0	75	7.0	A	56.7	0.0	-1.1	4.7	0.9	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592626.0	4795318.0	2.4	0	75	-0.1	A	55.3	0.0	-1.6	4.7	0.8	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-35	NS-35	592644.3	4795341.1	2.4	0	75	2.1	A	56.5	0.0	-1.1	5.0	0.9	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-36	NS-36	592658.4	4795328.7	2.5	0	102	0.0	A	55.9	0.0	-0.7	7.8	0.4	0.0	0.0	0.0	0.0	0.0	39

Receiver: R5g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	54

Receiver Name	Receiver ID	X	Y	Z
R5g	R5g	592634 m	4795154 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_B_NS-37	NS-37	592661.5	4795332.2	2.5	0	122	0.0	A	56.1	0.0	-1.0	12.4	1.0	0.0	0.0	0.0	0.0	0.0	35
CBM_B_NS-38	NS-38	592639.3	4795339.3	2.0	0	108	0.0	A	56.4	0.0	0.0	9.2	1.0	0.0	0.0	0.0	0.0	0.0	22
AGRO_REEFERNEW	REEFER	592529.2	4795153.9	1.5	0	102	0.0	A	51.4	0.0	-2.2	22.9	0.5	0.0	0.0	0.0	0.0	0.0	28
AGRO_REEFERNEW	REEFER	592526.1	4795157.0	1.5	0	102	0.0	A	51.7	0.0	-2.3	22.9	0.6	0.0	0.0	0.0	0.0	0.0	28
AGRO_REEFERNEW	REEFER	592522.9	4795160.1	1.5	0	102	0.0	A	51.9	0.0	-2.4	22.9	0.6	0.0	0.0	0.0	0.0	0.0	28
AGRO_REEFERNEW	REEFER	592520.1	4795163.2	1.5	0	102	0.0	A	52.2	0.0	-2.5	22.9	0.6	0.0	0.0	0.0	0.0	0.0	28
AGRO_RefTruck	Refrigeration Truck Movements	592562.2	4795266.5	2.0	0	64	16.3	A	53.5	0.0	-2.6	13.5	0.8	0.0	0.0	0.0	0.0	0.0	15
AGRO_RefTruck	Refrigeration Truck Movements	592532.6	4795235.9	2.0	0	64	16.3	A	53.3	0.0	-2.6	13.4	0.8	0.0	0.0	0.0	0.0	0.0	15
AGRO_RefTruck	Refrigeration Truck Movements	592510.2	4795140.1	2.0	0	64	14.3	A	52.9	0.0	-2.0	5.3	0.8	0.0	0.0	0.0	0.0	0.0	21
AGRO_RefTruck	Refrigeration Truck Movements	592529.7	4795122.2	2.0	0	64	12.7	A	51.8	0.0	-1.9	5.0	0.7	0.0	0.0	0.0	0.0	0.0	21
AGRO_RegTruck	Regular Truck Movements	592510.2	4795140.1	2.0	0	60	14.3	A	52.9	0.0	-1.9	5.3	0.5	0.0	0.0	0.0	0.0	0.0	18
AGRO_RegTruck	Regular Truck Movements	592529.7	4795122.2	2.0	0	60	12.7	A	51.8	0.0	-1.9	4.9	0.5	0.0	0.0	0.0	0.0	0.0	18
D06_RTU	Small RTU	592652.7	4795157.2	9.0	0	81	0.0	A	36.7	0.0	-2.8	20.7	0.3	0.0	0.0	0.0	0.0	0.0	24
D06_RTU	Small RTU	592650.9	4795163.7	9.0	0	81	0.0	A	36.9	0.0	-2.8	5.6	0.3	0.0	0.0	0.0	0.0	0.0	39
D06_RTU	Small RTU	592662.0	4795165.2	9.0	0	81	0.0	A	40.7	0.0	-2.9	4.9	0.4	0.0	0.0	0.0	0.0	0.0	36
AGRO_RTU	Small RTU	592594.8	4795182.9	8.0	0	81	0.0	A	44.7	0.0	-2.5	4.8	0.7	0.0	0.0	0.0	0.0	0.0	32
AGRO_RTU	Small RTU	592611.7	4795198.9	8.0	0	81	0.0	A	45.0	0.0	-2.4	4.8	0.7	0.0	0.0	0.0	0.0	0.0	31
D06_RTU	Small RTU	592663.8	4795179.1	9.0	0	81	0.0	A	42.9	0.0	-2.9	4.8	0.6	0.0	0.0	0.0	0.0	0.0	34
AGRO_RTU	Small RTU	592582.0	4795160.1	8.0	0	81	0.0	A	45.4	0.0	-2.4	4.8	0.7	0.0	0.0	0.0	0.0	0.0	31
D06_RTU	Small RTU	592669.7	4795173.4	9.0	0	81	0.0	A	43.2	0.0	-2.9	4.8	0.6	0.0	0.0	0.0	0.0	0.0	34
AGRO_RTU	Small RTU	592577.1	4795153.5	8.0	0	81	0.0	A	46.1	0.0	-2.4	4.8	0.8	0.0	0.0	0.0	0.0	0.0	30
AGRO_RTU	Small RTU	592579.3	4795173.2	8.0	0	81	0.0	A	46.2	0.0	-2.5	4.8	0.8	0.0	0.0	0.0	0.0	0.0	30
AGRO_RTU	Small RTU	592575.6	4795163.4	8.0	0	81	0.0	A	46.4	0.0	-2.5	4.8	0.8	0.0	0.0	0.0	0.0	0.0	30
AGRO_RTU	Small RTU	592574.0	4795169.7	8.0	0	81	0.0	A	46.8	0.0	-2.5	4.8	0.8	0.0	0.0	0.0	0.0	0.0	29
D06_RTU	Small RTU	592670.6	4795183.7	9.0	0	81	0.0	A	44.5	0.0	-2.9	4.8	0.7	0.0	0.0	0.0	0.0	0.0	32
AGRO_RTU	Small RTU	592630.5	4795223.3	9.0	0	81	0.0	A	47.8	0.0	-2.5	0.0	0.9	0.0	0.0	0.0	0.0	0.0	33
AGRO_RTU	Small RTU	592557.6	4795162.4	8.0	0	81	0.0	A	48.7	0.0	-2.6	4.8	1.0	0.0	0.0	0.0	0.0	0.0	27
AGRO_RTU	Small RTU	592571.6	4795206.9	8.0	0	81	0.0	A	49.2	0.0	-2.7	0.0	1.0	0.0	0.0	0.0	0.0	0.0	32
AGRO_RTU	Small RTU	592567.5	4795207.3	8.0	0	81	0.0	A	49.6	0.0	-2.7	0.0	1.1	0.0	0.0	0.0	0.0	0.0	31
AGRO_RTU	Small RTU	592613.3	4795239.2	9.0	0	81	0.0	A	49.9	0.0	-2.6	0.0	1.1	0.0	0.0	0.0	0.0	0.0	31
AGRO_RTU	Small RTU	592576.6	4795246.8	8.0	0	81	0.0	A	51.7	0.0	-2.8	0.0	1.3	0.0	0.0	0.0	0.0	0.0	29
D06_RTU	Small RTU	592708.9	4795231.2	6.5	0	81	0.0	A	51.6	0.0	-2.6	4.8	1.3	0.0	0.0	0.0	0.0	0.0	24
D06_RTU	Small RTU	592690.3	4795250.2	6.5	0	81	0.0	A	52.0	0.0	-2.4	4.8	1.3	0.0	0.0	0.0	0.0	0.0	24
D06_RTU	Small RTU	592709.0	4795237.5	6.5	0	81	0.0	A	52.0	0.0	-2.6	4.8	1.3	0.0	0.0	0.0	0.0	0.0	24
D06_RTU	Small RTU	592703.4	4795244.2	6.5	0	81	0.0	A	52.1	0.0	-2.5	4.8	1.3	0.0	0.0	0.0	0.0	0.0	24
D06_RTU	Small RTU	592715.3	4795237.5	6.5	0	81	0.0	A	52.3	0.0	-2.6	4.8	1.3	0.0	0.0	0.0	0.0	0.0	23
D06_RTU	Small RTU	592725.5	4795240.1	6.5	0	81	0.0	A	53.0	0.0	-2.7	4.8	1.4	0.0	0.0	0.0	0.0	0.0	23
D06_RTU	Small RTU	592715.8	4795256.7	6.5	0	81	0.0	A	53.4	0.0	-2.5	4.8	1.5	0.0	0.0	0.0	0.0	0.0	22
D06_RTU	Small RTU	592730.0	4795245.2	6.5	0	81	0.0	A	53.5	0.0	-2.7	4.8	1.5	0.0	0.0	0.0	0.0	0.0	22
D06_RTU	Small RTU	592723.1	4795253.7	6.5	0	81	0.0	A	53.5	0.0	-2.7	4.8	1.5	0.0	0.0	0.0	0.0	0.0	22

*The total value shown accounts for all modelled sources and may include small contributions from sources not described in the table above

Receiver: R6g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	46

Receiver Name	Receiver ID	X	Y	Z
R6	R6	592620 m	4795116 m	35.2 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_A_NS-02	NS-02	592532.6	4795371.4	1.0	0	93	0.0	A	59.7	0.0	-0.3	14.6	1.0	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-03	NS-03	592536.3	4795369.4	1.5	0	96	0.0	A	59.6	0.0	-1.0	14.7	1.0	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-05	NS-05	592534.7	4795373.4	1.0	0	95	0.0	A	59.8	0.0	0.4	14.7	1.0	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-06	NS-06	592538.4	4795371.4	1.5	0	96	0.0	A	59.7	0.0	-0.9	14.9	1.0	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-06	NS-06	592513.7	4795616.1	2.0	0	94	0.0	A	65.2	0.0	-1.0	12.6	0.7	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-09	NS-09	592540.9	4795378.8	1.5	0	105	0.0	A	59.9	0.0	-0.7	16.5	1.5	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-09	NS-09	592518.3	4795612.6	2.0	0	94	10.1	A	65.1	0.0	-1.0	12.7	0.7	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-10	NS-10	592537.9	4795380.7	4.0	0	93	0.0	A	59.9	0.0	-2.0	14.6	1.5	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-11	NS-11	592593.8	4795387.6	1.5	0	105	0.0	A	59.8	0.0	0.4	22.7	1.2	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-12	NS-12	592595.0	4795384.3	4.0	0	95	0.0	A	59.7	0.0	-1.6	16.8	1.2	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-12	NS-12	592524.7	4795629.7	20.0	0	94	0.0	A	65.4	0.0	-2.1	12.8	0.8	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-13	NS-13	592599.3	4795388.3	1.5	0	105	0.0	A	59.8	0.0	0.7	21.4	1.2	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-14	NS-14	592600.6	4795385.0	4.0	0	95	0.0	A	59.7	0.0	-1.6	17.0	1.2	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-16	NS-16	592494.5	4795609.5	2.0	0	84	11.4	A	65.2	0.0	-1.8	15.0	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592575.6	4795432.8	5.4	0	76	14.6	A	61.2	0.0	-1.8	13.1	1.4	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592577.5	4795425.4	5.4	0	76	15.5	A	60.9	0.0	-1.9	13.1	1.4	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-18	NS-18	592561.3	4795409.6	4.9	0	84	9.9	A	60.6	0.0	-1.9	16.7	1.4	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-18	NS-18	592549.3	4795394.6	11.3	0	84	8.3	A	60.2	0.0	-2.3	15.9	1.4	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-18	NS-18	592542.9	4795386.7	14.6	0	84	8.1	A	60.0	0.0	-2.4	15.5	1.4	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-19	NS-19	592534.3	4795386.0	18.0	0	96	0.0	A	60.1	0.0	-2.4	12.7	0.6	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-20	NS-20	592530.7	4795383.7	24.0	0	96	0.0	A	60.0	0.0	-2.4	12.4	0.6	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-21	NS-21	592529.9	4795385.5	7.0	0	88	0.0	A	60.1	0.0	-2.3	12.5	0.6	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-22	NS-22	592535.2	4795384.7	5.0	0	110	0.0	A	60.1	0.0	-2.1	13.5	1.4	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-23	NS-23	592535.2	4795385.3	5.0	0	109	0.0	A	60.1	0.0	-2.1	13.5	1.4	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592666.1	4795739.3	2.4	0	74	27.8	A	66.9	0.0	-2.0	13.7	2.3	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-25	NS-25	592689.9	4795724.1	2.4	0	74	26.5	A	66.8	0.0	-2.0	14.0	2.3	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-25	NS-25	592688.0	4795706.2	2.4	0	74	23.2	A	66.5	0.0	-2.0	14.1	2.2	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-25	NS-25	592665.6	4795710.3	2.4	0	74	24.6	A	66.5	0.0	-2.0	13.8	2.2	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592694.8	4795735.7	2.4	0	74	22.8	A	66.9	0.0	-2.0	14.0	2.3	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-25	NS-25	592647.0	4795350.2	1.0	0	97	0.0	A	58.6	0.0	1.9	18.5	0.9	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-26e	NS-26e	592696.5	4795647.7	3.5	0	102	0.0	A	65.6	0.0	-2.0	19.4	2.5	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-27	NS-27	592691.2	4795637.0	1.2	0	103	0.0	A	65.4	0.0	-0.6	16.4	1.2	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-27	NS-27	592646.9	4795349.1	4.0	0	93	0.0	A	58.5	0.0	-1.3	19.4	0.9	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-28	NS-28	592685.0	4795679.1	2.4	0	79	22.5	A	66.1	0.0	-2.0	14.1	2.1	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-28	NS-28	592693.3	4795680.2	2.4	0	79	19.4	A	66.1	0.0	-2.0	14.2	2.2	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-28	NS-28	592686.6	4795667.8	2.4	0	79	21.2	A	65.9	0.0	-2.0	14.2	2.1	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-28	NS-28	592713.9	4795660.4	2.4	0	79	18.1	A	65.9	0.0	-2.0	14.5	2.1	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-28	NS-28	592706.2	4795654.6	2.4	0	79	17.4	A	65.8	0.0	-2.0	14.4	2.1	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-29	NS-29	592518.4	4795621.3	2.0	0	111	0.0	A	65.3	0.0	-1.8	19.2	1.4	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-29	NS-29	592669.1	4795338.9	1.5	0	102	0.0	A	58.3	0.0	-1.8	22.9	1.3	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-30	NS-30	592703.4	4795652.6	2.0	0	104	0.0	A	65.7	0.0	-1.6	16.8	1.5	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-31	NS-31	592663.6	4795362.9	1.5	0	102	0.0	A	59.1	0.0	0.8	20.0	1.1	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-32	NS-32	592510.3	4795613.3	2.0	0	95	0.0	A	65.2	0.0	-1.7	13.5	1.4	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-35	NS-35	592635.3	4795307.1	2.4	0	75	13.6	A	56.8	0.0	-1.8	16.0	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592632.7	4795308.5	2.4	0	75	13.1	A	56.8	0.0	-1.8	15.9	0.9	0.0	0.0	0.0	0.0	0.0	16

Receiver: R6g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	46

Receiver Name	Receiver ID	X	Y	Z
R6	R6	592620 m	4795116 m	35.2 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_B_NS-35	NS-35	592626.5	4795314.3	2.4	0	75	13.7	A	57.1	0.0	-1.8	15.6	1.0	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592646.3	4795313.4	2.4	0	75	14.5	A	57.1	0.0	-1.6	16.1	1.0	0.0	0.0	0.0	0.0	0.0	16
CBM_B_NS-35	NS-35	592634.7	4795313.1	2.4	0	75	12.9	A	57.1	0.0	-1.7	15.9	1.0	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-35	NS-35	592642.1	4795314.3	2.4	0	75	14.7	A	57.1	0.0	-1.6	16.0	1.0	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-35	NS-35	592634.3	4795319.9	2.4	0	75	15.5	A	57.3	0.0	-1.6	15.8	1.0	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-35	NS-35	592636.8	4795340.4	2.4	0	75	15.1	A	58.2	0.0	-1.3	15.2	1.1	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-36	NS-36	592658.4	4795328.7	2.5	0	102	0.0	A	57.8	0.0	-0.7	19.5	0.5	0.0	0.0	0.0	0.0	0.0	25
CBM_B_NS-37	NS-37	592661.5	4795332.2	2.5	0	122	0.0	A	58.0	0.0	-0.9	22.0	1.2	0.0	0.0	0.0	0.0	0.0	23
AGRO_REEFERNEW	REEFER	592529.2	4795153.9	1.5	0	102	0.0	A	51.4	0.0	-1.8	9.9	0.5	0.0	0.0	0.0	0.0	0.0	41
AGRO_REEFERNEW	REEFER	592526.1	4795157.0	1.5	0	102	0.0	A	51.7	0.0	-1.8	13.5	0.6	0.0	0.0	0.0	0.0	0.0	37
AGRO_REEFERNEW	REEFER	592522.9	4795160.1	1.5	0	102	0.0	A	52.0	0.0	-2.0	12.7	0.6	0.0	0.0	0.0	0.0	0.0	38
AGRO_REEFERNEW	REEFER	592520.1	4795163.2	1.5	0	102	0.0	A	52.3	0.0	-1.9	13.7	0.6	0.0	0.0	0.0	0.0	0.0	36
AGRO_RefTruck	Refrigeration Truck Movements	592505.9	4795145.6	2.0	0	64	11.1	A	52.8	0.0	-1.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	23
AGRO_RefTruck	Refrigeration Truck Movements	592510.5	4795139.8	2.0	0	64	2.7	A	52.4	0.0	-1.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	15
AGRO_RefTruck	Refrigeration Truck Movements	592516.1	4795132.6	2.0	0	64	12.2	A	51.9	0.0	-1.9	0.0	0.7	0.0	0.0	0.0	0.0	0.0	25
AGRO_RefTruck	Refrigeration Truck Movements	592529.7	4795122.2	2.0	0	64	12.7	A	50.7	0.0	-1.9	0.0	0.6	0.0	0.0	0.0	0.0	0.0	27
AGRO_RefTruck	Refrigeration Truck Movements	592495.6	4795173.4	2.0	0	64	5.6	A	54.0	0.0	-2.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	17
AGRO_RefTruck	Refrigeration Truck Movements	592496.4	4795170.4	2.0	0	64	4.2	A	53.9	0.0	-2.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	15
AGRO_RefTruck	Refrigeration Truck Movements	592498.1	4795164.4	2.0	0	64	6.4	A	53.7	0.0	-1.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	18
AGRO_RefTruck	Refrigeration Truck Movements	592500.3	4795156.5	2.0	0	64	10.8	A	53.4	0.0	-1.9	0.0	0.8	0.0	0.0	0.0	0.0	0.0	22
AGRO_RefTruck	Refrigeration Truck Movements	592497.0	4795188.4	2.0	0	64	9.2	A	54.3	0.0	-2.2	1.9	0.9	0.0	0.0	0.0	0.0	0.0	18
AGRO_RefTruck	Refrigeration Truck Movements	592495.2	4795180.5	2.0	0	64	6.9	A	54.2	0.0	-2.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0	18
AGRO_RegTruck	Regular Truck Movements	592505.9	4795145.6	2.0	0	60	11.1	A	52.8	0.0	-1.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	20
AGRO_RegTruck	Regular Truck Movements	592516.1	4795132.6	2.0	0	60	12.2	A	51.9	0.0	-1.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	22
AGRO_RegTruck	Regular Truck Movements	592529.7	4795122.2	2.0	0	60	12.7	A	50.7	0.0	-1.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
AGRO_RegTruck	Regular Truck Movements	592500.3	4795156.5	2.0	0	60	10.8	A	53.4	0.0	-1.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	19
AGRO_RTU	Small RTU	592577.1	4795153.5	8.0	0	81	0.0	A	47.1	0.0	-2.6	12.1	0.8	0.0	0.0	0.0	0.0	0.0	22
AGRO_RTU	Small RTU	592582.0	4795160.1	8.0	0	81	0.0	A	47.2	0.0	-2.6	15.6	0.8	0.0	0.0	0.0	0.0	0.0	18
AGRO_RTU	Small RTU	592575.6	4795163.4	8.0	0	81	0.0	A	48.0	0.0	-2.6	13.4	0.9	0.0	0.0	0.0	0.0	0.0	20
AGRO_RTU	Small RTU	592574.0	4795169.7	8.0	0	81	0.0	A	48.6	0.0	-2.6	14.1	1.0	0.0	0.0	0.0	0.0	0.0	18
AGRO_RTU	Small RTU	592557.6	4795162.4	8.0	0	81	0.0	A	49.4	0.0	-2.7	9.0	1.0	0.0	0.0	0.0	0.0	0.0	23

*The total value shown accounts for all modelled sources and may include small contributions from sources not described in the table above

Receiver: R7g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	53

Receiver Name	Receiver ID	X	Y	Z
R7g	R7g	592605 m	4795124 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NC-26b	NC-26b (east)	592699.2	4795645.3	1.5	0	88	4.5	A	65.5	3.0	-2.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	29
KPC_NC-26b	NC-26b (east)	592699.2	4795645.3	2.5	0	88	4.5	A	65.5	3.0	-2.3	0.0	2.5	0.0	0.0	0.0	0.0	0.0	30
KPC_NC-26b	NC-26b (east)	592699.2	4795645.3	3.5	0	88	4.5	A	65.5	3.0	-2.3	0.0	2.5	0.0	0.0	0.0	0.0	0.0	30
KPC_NC-26c	NC-26c (south)	592695.4	4795646.8	1.5	0	89	7.9	A	65.5	3.0	-2.1	5.8	2.5	0.0	0.0	0.0	0.0	0.0	28
KPC_NC-26c	NC-26c (south)	592697.9	4795644.5	1.5	0	89	-1.2	A	65.5	3.0	-2.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	25
KPC_NC-26c	NC-26c (south)	592695.4	4795646.8	2.5	0	89	7.9	A	65.5	3.0	-2.3	0.0	2.5	0.0	0.0	0.0	0.0	0.0	34
KPC_NC-26c	NC-26c (south)	592697.9	4795644.5	2.5	0	89	-1.2	A	65.5	3.0	-2.3	0.0	2.5	0.0	0.0	0.0	0.0	0.0	25
KPC_NC-26c	NC-26c (south)	592695.4	4795646.8	3.5	0	89	7.9	A	65.5	3.0	-2.3	0.0	2.5	0.0	0.0	0.0	0.0	0.0	34
KPC_NC-26c	NC-26c (south)	592697.9	4795644.5	3.5	0	89	-1.2	A	65.5	3.0	-2.3	0.0	2.5	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-02	NS-02	592532.6	4795371.4	1.0	0	93	0.0	A	59.2	0.0	-0.4	6.6	1.0	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-03	NS-03	592536.3	4795369.4	1.5	0	96	0.0	A	59.1	0.0	-1.1	6.6	1.0	0.0	0.0	0.0	0.0	0.0	30
CBM_A_NS-04	NS-04	592533.0	4795372.6	4.0	0	86	0.0	A	59.3	0.0	-2.2	3.4	1.0	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-05	NS-05	592534.7	4795373.4	1.0	0	95	0.0	A	59.3	0.0	0.2	5.9	1.0	0.0	0.0	0.0	0.0	0.0	29
CBM_A_NS-06	NS-06	592538.4	4795371.4	1.5	0	96	0.0	A	59.2	0.0	-0.9	6.3	1.0	0.0	0.0	0.0	0.0	0.0	30
KPC_NS-06	NS-06	592513.7	4795616.1	2.0	0	94	0.0	A	65.0	0.0	-1.5	0.0	0.7	0.0	0.0	0.0	0.0	0.0	30
CBM_A_NS-07	NS-07	592535.1	4795374.7	4.0	0	86	0.0	A	59.3	0.0	-2.1	2.6	1.0	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-08	NS-08	592624.8	4795328.7	0.0	0	74	15.0	A	57.3	0.0	1.9	6.1	1.0	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-08	NS-08	592623.5	4795337.1	0.0	0	74	10.5	A	57.6	0.0	1.9	5.4	1.1	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-08	NS-08	592620.8	4795324.1	0.0	0	74	13.5	A	57.1	0.0	1.8	6.8	1.0	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-08	NS-08	592629.6	4795371.4	0.0	0	74	12.8	A	58.9	0.0	2.1	3.2	1.2	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-08	NS-08	592540.9	4795378.9	0.0	0	74	11.6	A	59.4	0.0	2.0	3.3	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-08	NS-08	592530.0	4795390.0	0.0	0	74	12.2	A	59.8	0.0	2.0	5.2	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-08	NS-08	592618.4	4795296.8	0.0	0	74	10.6	A	55.8	0.0	1.6	10.7	0.9	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-08	NS-08	592616.0	4795309.8	0.0	0	74	10.7	A	56.4	0.0	1.7	8.9	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-08	NS-08	592614.2	4795309.8	0.0	0	74	10.2	A	56.4	0.0	1.7	9.2	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-08	NS-08	592554.0	4795399.8	0.0	0	74	8.5	A	60.0	0.0	2.1	3.1	1.4	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-08	NS-08	592558.2	4795375.2	0.0	0	74	7.8	A	59.2	0.0	2.0	3.8	1.2	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-09	NS-09	592540.9	4795378.8	1.5	0	105	0.0	A	59.4	0.0	-0.8	4.4	1.5	0.0	0.0	0.0	0.0	0.0	40
KPC_NS-09	NS-09	592521.1	4795610.4	2.0	0	94	5.1	A	64.9	0.0	-1.4	1.8	0.7	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-09	NS-09	592517.0	4795613.6	2.0	0	94	8.5	A	64.9	0.0	-1.4	0.0	0.7	0.0	0.0	0.0	0.0	0.0	38
CBM_A_NS-10	NS-10	592537.9	4795380.7	4.0	0	93	0.0	A	59.5	0.0	-2.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	34
CBM_A_NS-11	NS-11	592593.8	4795387.6	1.5	0	105	0.0	A	59.4	0.0	0.3	8.8	1.2	0.0	0.0	0.0	0.0	0.0	33
CBM_A_NS-12	NS-12	592595.0	4795384.3	4.0	0	95	0.0	A	59.3	0.0	-1.7	6.7	1.1	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-12	NS-12	592524.7	4795629.7	20.0	0	94	0.0	A	65.2	0.0	-2.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	30
CBM_A_NS-13	NS-13	592599.3	4795388.3	1.5	0	105	0.0	A	59.5	0.0	0.6	7.8	1.2	0.0	0.0	0.0	0.0	0.0	34
CBM_A_NS-14	NS-14	592600.6	4795385.0	4.0	0	95	0.0	A	59.4	0.0	-1.6	6.2	1.1	0.0	0.0	0.0	0.0	0.0	28
CBM_A_NS-15	NS-15	592638.6	4795346.1	3.2	0	71	12.5	A	58.1	0.0	-1.5	4.8	1.1	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-15	NS-15	592628.3	4795330.6	3.2	0	71	12.8	A	57.4	0.0	-1.8	4.8	1.0	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-15	NS-15	592620.1	4795318.3	3.2	0	71	10.2	A	56.8	0.0	-2.1	4.8	1.0	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-15	NS-15	592615.0	4795451.7	3.2	0	71	12.2	A	61.3	0.0	-1.2	6.3	1.6	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-15	NS-15	592635.7	4795432.6	3.2	0	71	14.1	A	60.8	0.0	-1.1	4.7	1.5	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-15	NS-15	592652.9	4795416.8	3.2	0	71	13.2	A	60.5	0.0	-1.1	4.7	1.4	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-15	NS-15	592666.8	4795404.0	3.2	0	71	12.3	A	60.2	0.0	-1.1	4.7	1.4	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-15	NS-15	592670.9	4795380.6	3.2	0	71	9.1	A	59.5	0.0	-1.2	4.7	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-15	NS-15	592659.5	4795369.4	3.2	0	71	13.8	A	59.0	0.0	-1.1	4.7	1.2	0.0	0.0	0.0	0.0	0.0	21

Receiver: R7g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	53

Receiver Name	Receiver ID	X	Y	Z
R7g	R7g	592605 m	4795124 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_A_NS-15	NS-15	592647.3	4795357.3	3.2	0	71	10.2	A	58.5	0.0	-1.3	4.7	1.2	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-15	NS-15	592514.6	4795412.2	3.2	0	71	11.0	A	60.6	0.0	-1.8	4.2	1.4	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-15	NS-15	592522.5	4795419.2	3.2	0	71	9.3	A	60.7	0.0	-1.7	2.6	1.5	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-15	NS-15	592527.1	4795423.1	3.2	0	71	5.4	A	60.8	0.0	-1.6	0.0	1.5	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-15	NS-15	592534.7	4795429.8	3.2	0	71	10.2	A	60.9	0.0	-1.6	0.0	1.5	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-15	NS-15	592541.4	4795435.6	3.2	0	71	8.6	A	61.1	0.0	-1.3	0.0	1.5	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-15	NS-15	592546.7	4795440.2	3.2	0	71	8.3	A	61.2	0.0	-1.2	0.0	1.5	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-15	NS-15	592553.1	4795445.9	3.2	0	71	10.1	A	61.3	0.0	-1.3	3.3	1.5	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-15	NS-15	592616.3	4795302.7	3.2	0	71	4.6	A	56.1	0.0	-2.4	5.4	0.9	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-15	NS-15	592618.7	4795296.5	3.2	0	71	10.1	A	55.8	0.0	-2.5	5.7	0.9	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-15	NS-15	592616.5	4795309.0	3.2	0	71	10.0	A	56.4	0.0	-2.3	5.0	0.9	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-15	NS-15	592620.1	4795289.4	3.2	0	71	6.7	A	55.4	0.0	-2.6	6.5	0.9	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-15	NS-15	592562.8	4795453.0	3.2	0	71	11.5	A	61.4	0.0	-1.4	4.6	1.6	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-15	NS-15	592509.5	4795398.0	3.2	0	71	9.7	A	60.3	0.0	-2.2	4.9	1.4	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-16	NS-16	592503.1	4795603.6	2.0	0	84	3.6	A	64.8	0.0	-2.3	0.0	1.3	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-16	NS-16	592495.2	4795609.0	2.0	0	84	12.3	A	64.9	0.0	-2.4	0.0	1.3	0.0	0.0	0.0	0.0	0.0	33
CBM_A_NS-16	NS-16	592586.5	4795460.4	4.5	0	104	0.0	A	61.6	0.0	-1.3	4.8	1.2	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-17	NS-17	592568.8	4795434.1	5.4	0	76	8.7	A	60.9	0.0	-1.9	4.8	1.4	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592577.0	4795432.5	5.4	0	76	15.5	A	60.8	0.0	-1.8	4.8	1.4	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-17	NS-17	592582.7	4795431.5	5.4	0	76	11.5	A	60.8	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-17	NS-17	592585.0	4795430.7	5.4	0	76	10.3	A	60.8	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592589.5	4795428.3	5.4	0	76	13.9	A	60.7	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-17	NS-17	592589.7	4795424.6	5.4	0	76	12.6	A	60.6	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-17	NS-17	592584.0	4795425.0	5.4	0	76	13.0	A	60.6	0.0	-1.9	4.8	1.3	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-17	NS-17	592578.3	4795425.4	5.4	0	76	16.2	A	60.6	0.0	-1.9	4.8	1.3	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-17	NS-17	592574.1	4795427.0	5.4	0	76	9.7	A	60.7	0.0	-1.9	4.8	1.3	0.0	0.0	0.0	0.0	0.0	21
CBM_A_NS-17	NS-17	592590.0	4795422.2	5.4	0	76	12.3	A	60.5	0.0	-1.8	5.0	1.3	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-17	NS-17	592584.5	4795421.5	5.4	0	76	10.8	A	60.5	0.0	-1.9	5.1	1.3	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-17	NS-17	592579.9	4795421.7	5.4	0	76	8.2	A	60.5	0.0	-1.9	4.8	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592595.9	4795421.6	5.4	0	76	7.4	A	60.5	0.0	-1.7	5.0	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592592.4	4795420.1	5.4	0	76	13.8	A	60.5	0.0	-1.8	5.1	1.3	0.0	0.0	0.0	0.0	0.0	25
CBM_A_NS-17	NS-17	592589.6	4795426.3	5.4	0	76	6.2	A	60.6	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592583.7	4795428.0	5.4	0	76	6.6	A	60.7	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592576.1	4795430.2	5.4	0	76	11.9	A	60.8	0.0	-1.9	4.8	1.3	0.0	0.0	0.0	0.0	0.0	23
CBM_A_NS-17	NS-17	592568.7	4795432.8	5.4	0	76	8.3	A	60.9	0.0	-1.9	4.8	1.4	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592578.4	4795418.3	5.4	0	76	12.6	A	60.4	0.0	-1.9	4.8	1.3	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-17	NS-17	592566.5	4795431.7	5.4	0	76	12.9	A	60.8	0.0	-1.9	4.3	1.4	0.0	0.0	0.0	0.0	0.0	24
CBM_A_NS-17	NS-17	592583.5	4795417.4	5.4	0	76	7.5	A	60.4	0.0	-1.9	5.9	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592580.1	4795419.3	5.4	0	76	8.8	A	60.4	0.0	-1.9	4.8	1.3	0.0	0.0	0.0	0.0	0.0	20
CBM_A_NS-17	NS-17	592583.9	4795419.4	5.4	0	76	7.4	A	60.4	0.0	-1.9	5.4	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592580.0	4795420.5	5.4	0	76	6.6	A	60.5	0.0	-1.9	4.8	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592588.9	4795430.8	5.4	0	76	7.0	A	60.8	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592592.7	4795428.0	5.4	0	76	5.9	A	60.7	0.0	-1.8	4.8	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592571.5	4795423.0	5.4	0	76	7.2	A	60.6	0.0	-1.9	4.8	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592576.5	4795429.1	5.4	0	76	6.6	A	60.7	0.0	-1.9	4.8	1.3	0.0	0.0	0.0	0.0	0.0	18

Receiver: R7g
Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	53

Receiver Name	Receiver ID	X	Y	Z
R7g	R7g	592605 m	4795124 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_A_NS-17	NS-17	592596.9	4795420.5	5.4	0	76	8.5	A	60.5	0.0	-1.8	5.1	1.3	0.0	0.0	0.0	0.0	0.0	19
CBM_A_NS-17	NS-17	592568.9	4795435.1	5.4	0	76	4.5	A	60.9	0.0	-1.9	4.8	1.4	0.0	0.0	0.0	0.0	0.0	15
CBM_A_NS-17	NS-17	592575.0	4795434.7	5.4	0	76	5.3	A	60.9	0.0	-1.8	4.8	1.4	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592590.4	4795418.2	5.4	0	76	5.9	A	60.4	0.0	-1.9	5.2	1.3	0.0	0.0	0.0	0.0	0.0	17
CBM_A_NS-17	NS-17	592573.9	4795424.1	5.4	0	76	7.2	A	60.6	0.0	-1.9	4.8	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-17	NS-17	592572.8	4795423.7	5.4	0	76	4.7	A	60.6	0.0	-1.9	4.8	1.3	0.0	0.0	0.0	0.0	0.0	16
CBM_A_NS-17	NS-17	592567.3	4795429.5	5.4	0	76	6.2	A	60.8	0.0	-1.9	4.3	1.3	0.0	0.0	0.0	0.0	0.0	18
CBM_A_NS-18	NS-18	592565.5	4795414.8	2.6	0	84	5.9	A	60.4	0.0	-1.6	7.3	1.4	0.0	0.0	0.0	0.0	0.0	22
CBM_A_NS-18	NS-18	592560.3	4795408.4	5.4	0	84	11.3	A	60.2	0.0	-1.9	4.0	1.4	0.0	0.0	0.0	0.0	0.0	31
CBM_A_NS-18	NS-18	592554.1	4795400.6	8.7	0	84	8.8	A	60.0	0.0	-2.2	0.0	1.4	0.0	0.0	0.0	0.0	0.0	33
CBM_A_NS-18	NS-18	592549.6	4795395.0	11.1	0	84	8.8	A	59.8	0.0	-2.2	0.0	1.3	0.0	0.0	0.0	0.0	0.0	33
CBM_A_NS-18	NS-18	592544.2	4795388.3	13.9	0	84	10.3	A	59.7	0.0	-2.3	0.0	1.3	0.0	0.0	0.0	0.0	0.0	35
CBM_A_NS-18	NS-18	592540.7	4795383.9	15.8	0	84	0.7	A	59.6	0.0	-2.3	0.0	1.3	0.0	0.0	0.0	0.0	0.0	26
CBM_A_NS-19	NS-19	592534.3	4795386.0	18.0	0	96	0.0	A	59.7	0.0	-2.3	0.0	0.6	0.0	0.0	0.0	0.0	0.0	38
CBM_A_NS-20	NS-20	592530.7	4795383.7	24.0	0	96	0.0	A	59.7	0.0	-2.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	38
CBM_A_NS-21	NS-21	592529.9	4795385.5	7.0	0	88	0.0	A	59.7	0.0	-2.4	2.8	0.6	0.0	0.0	0.0	0.0	0.0	27
CBM_A_NS-22	NS-22	592535.2	4795384.7	5.0	0	110	0.0	A	59.6	0.0	-2.1	1.8	1.4	0.0	0.0	0.0	0.0	0.0	32
CBM_A_NS-23	NS-23	592535.2	4795385.3	5.0	0	109	0.0	A	59.7	0.0	-2.1	1.8	1.4	0.0	0.0	0.0	0.0	0.0	31
KPC_NS-24	NS-24	592554.7	4795556.7	2.4	0	68	17.7	A	63.8	0.0	-2.2	4.1	1.8	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592564.8	4795569.8	2.4	0	68	24.7	A	64.0	0.0	-2.3	4.8	1.8	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-24	NS-24	592572.2	4795579.4	2.4	0	68	21.2	A	64.2	0.0	-2.3	4.8	1.8	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592575.4	4795579.3	2.4	0	68	19.3	A	64.2	0.0	-2.3	4.8	1.8	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592579.1	4795573.5	2.4	0	68	17.7	A	64.1	0.0	-2.2	4.8	1.8	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592585.5	4795605.6	2.4	0	68	21.5	A	64.7	0.0	-2.3	4.8	1.9	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592582.4	4795602.0	2.4	0	68	21.3	A	64.6	0.0	-2.3	4.8	1.9	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592558.6	4795630.2	2.4	0	68	18.8	A	65.1	0.0	-2.6	4.8	2.0	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592562.4	4795635.5	2.4	0	68	20.1	A	65.2	0.0	-2.5	4.8	2.0	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592567.5	4795635.2	2.4	0	68	17.2	A	65.2	0.0	-2.5	4.8	2.0	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-24	NS-24	592578.4	4795605.1	2.4	0	68	23.0	A	64.7	0.0	-2.4	4.8	1.9	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-24	NS-24	592566.9	4795554.9	2.4	0	68	18.6	A	63.7	0.0	-2.2	4.8	1.8	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592560.9	4795551.4	2.4	0	68	15.7	A	63.7	0.0	-2.2	4.8	1.7	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-24	NS-24	592555.3	4795550.5	2.4	0	68	15.3	A	63.7	0.0	-2.2	4.1	1.7	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592558.0	4795597.0	2.4	0	68	18.7	A	64.5	0.0	-2.4	5.8	1.9	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592547.5	4795595.0	2.4	0	68	19.1	A	64.5	0.0	-2.5	5.8	1.9	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592523.2	4795572.7	2.4	0	68	15.1	A	64.2	0.0	-2.3	0.0	1.8	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592531.7	4795567.5	2.4	0	68	18.2	A	64.1	0.0	-2.3	2.3	1.8	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-24	NS-24	592540.1	4795559.9	2.4	0	68	17.5	A	63.9	0.0	-2.3	3.2	1.8	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592553.2	4795562.5	2.4	0	68	16.2	A	63.9	0.0	-2.3	4.0	1.8	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592561.4	4795579.6	2.4	0	68	19.2	A	64.2	0.0	-2.3	4.8	1.8	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592587.2	4795587.8	2.4	0	68	19.1	A	64.3	0.0	-2.2	4.8	1.8	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592546.4	4795604.7	2.4	0	68	17.1	A	64.7	0.0	-2.5	4.8	1.9	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592554.4	4795611.6	2.4	0	68	16.5	A	64.8	0.0	-2.5	4.8	1.9	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-24	NS-24	592521.8	4795578.8	2.4	0	68	17.2	A	64.3	0.0	-2.4	0.0	1.8	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-24	NS-24	592528.7	4795575.8	2.4	0	68	16.0	A	64.2	0.0	-2.4	2.0	1.8	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592540.0	4795565.7	2.4	0	68	15.9	A	64.0	0.0	-2.3	3.3	1.8	0.0	0.0	0.0	0.0	0.0	17

Receiver: R7g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	53

Receiver Name	Receiver ID	X	Y	Z
R7g	R7g	592605 m	4795124 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NS-24	NS-24	592544.3	4795561.9	2.4	0	68	16.0	A	63.9	0.0	-2.3	3.6	1.8	0.0	0.0	0.0	0.0	0.0	17
KPC_NS-24	NS-24	592562.4	4795620.6	2.4	0	68	16.8	A	65.0	0.0	-2.5	4.8	1.9	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-24	NS-24	592534.9	4795559.7	2.4	0	68	16.6	A	63.9	0.0	-2.3	2.6	1.8	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592526.6	4795565.8	2.4	0	68	11.0	A	64.0	0.0	-2.3	0.0	1.8	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-24	NS-24	592522.2	4795570.0	2.4	0	68	13.4	A	64.1	0.0	-2.3	0.0	1.8	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-24	NS-24	592570.7	4795617.5	2.4	0	68	16.9	A	64.9	0.0	-2.4	4.8	1.9	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-24	NS-24	592548.3	4795562.9	2.4	0	68	18.2	A	63.9	0.0	-2.3	3.8	1.8	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-24	NS-24	592556.1	4795635.5	2.4	0	68	18.0	A	65.2	0.0	-2.6	4.8	2.0	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592560.3	4795614.7	2.4	0	68	17.5	A	64.9	0.0	-2.5	4.8	1.9	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-24	NS-24	592551.7	4795564.6	2.4	0	68	15.5	A	64.0	0.0	-2.3	4.0	1.8	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-25	NS-25	592634.6	4795738.2	2.4	0	74	9.7	A	66.8	0.0	-2.8	0.0	2.3	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592642.3	4795738.4	2.4	0	74	19.9	A	66.8	0.0	-2.8	0.0	2.3	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-25	NS-25	592663.5	4795739.4	2.4	0	74	29.1	A	66.8	0.0	-2.8	0.0	2.3	0.0	0.0	0.0	0.0	0.0	37
KPC_NS-25	NS-25	592680.5	4795734.5	2.4	0	74	26.2	A	66.8	0.0	-2.8	0.0	2.3	0.0	0.0	0.0	0.0	0.0	34
KPC_NS-25	NS-25	592692.7	4795720.8	2.4	0	74	25.3	A	66.6	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-25	NS-25	592702.7	4795709.6	2.4	0	74	10.0	A	66.5	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592705.2	4795706.9	2.4	0	74	13.8	A	66.4	0.0	-2.7	1.6	2.2	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-25	NS-25	592704.6	4795703.2	2.4	0	74	11.0	A	66.4	0.0	-2.7	1.6	2.2	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592701.8	4795703.7	2.4	0	74	7.2	A	66.4	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-25	NS-25	592690.6	4795705.7	2.4	0	74	22.3	A	66.4	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	31
KPC_NS-25	NS-25	592670.5	4795709.3	2.4	0	74	26.8	A	66.4	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	35
KPC_NS-25	NS-25	592653.7	4795717.2	2.4	0	74	25.0	A	66.5	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-25	NS-25	592641.6	4795728.6	2.4	0	74	19.6	A	66.7	0.0	-2.7	0.0	2.3	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-25	NS-25	592634.4	4795735.4	2.4	0	74	9.6	A	66.7	0.0	-2.8	0.0	2.3	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592713.8	4795713.6	2.4	0	74	15.2	A	66.6	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-25	NS-25	592711.5	4795712.1	2.4	0	74	12.2	A	66.5	0.0	-2.7	1.8	2.2	0.0	0.0	0.0	0.0	0.0	19
KPC_NS-25	NS-25	592710.5	4795712.5	2.4	0	74	14.1	A	66.5	0.0	-2.7	2.2	2.2	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-25	NS-25	592707.6	4795716.7	2.4	0	74	19.9	A	66.6	0.0	-2.8	1.6	2.2	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-25	NS-25	592704.7	4795721.1	2.4	0	74	13.1	A	66.6	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-25	NS-25	592697.4	4795731.9	2.4	0	74	23.1	A	66.8	0.0	-2.8	0.0	2.3	0.0	0.0	0.0	0.0	0.0	31
KPC_NS-25	NS-25	592684.9	4795750.5	2.4	0	74	15.8	A	67.0	0.0	-2.8	0.0	2.3	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-25	NS-25	592649.5	4795707.1	2.4	0	74	19.7	A	66.3	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-25	NS-25	592643.0	4795713.6	2.4	0	74	17.1	A	66.4	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-25	NS-25	592638.8	4795721.1	2.4	0	74	18.6	A	66.5	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-25	NS-25	592634.2	4795731.9	2.4	0	74	11.6	A	66.7	0.0	-2.8	0.0	2.3	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-25	NS-25	592704.2	4795701.0	2.4	0	74	9.6	A	66.4	0.0	-2.7	1.6	2.2	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-25	NS-25	592692.7	4795697.9	2.4	0	74	18.7	A	66.3	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-25	NS-25	592684.4	4795696.5	2.4	0	74	15.7	A	66.2	0.0	-2.7	0.0	2.2	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-25	NS-25	592674.2	4795697.0	2.4	0	74	18.8	A	66.2	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-25	NS-25	592634.7	4795741.2	2.4	0	74	10.2	A	66.8	0.0	-2.8	0.0	2.3	0.0	0.0	0.0	0.0	0.0	18
KPC_NS-25	NS-25	592638.9	4795745.2	2.4	0	74	15.0	A	66.9	0.0	-2.8	0.0	2.3	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-25	NS-25	592644.1	4795748.4	2.4	0	74	17.3	A	66.9	0.0	-2.8	0.0	2.3	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-25	NS-25	592657.6	4795753.3	2.4	0	74	20.7	A	67.0	0.0	-2.8	0.0	2.3	0.0	0.0	0.0	0.0	0.0	28
CBM_B_NS-25	NS-25	592647.0	4795350.2	1.0	0	97	0.0	A	58.3	0.0	1.9	6.2	0.9	0.0	0.0	0.0	0.0	0.0	30
CBM_B_NS-26	NS-26	592643.8	4795352.0	1.5	0	92	0.0	A	58.3	0.0	0.7	5.6	0.9	0.0	0.0	0.0	0.0	0.0	26

Receiver: R7g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	53

Receiver Name	Receiver ID	X	Y	Z
R7g	R7g	592605 m	4795124 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
KPC_NS-26e	NS-26e	592696.5	4795647.7	3.5	0	102	0.0	A	65.5	0.0	-2.3	0.0	2.5	0.0	0.0	0.0	0.0	0.0	36
KPC_NS-27	NS-27	592691.2	4795637.0	1.2	0	103	0.0	A	65.3	0.0	-1.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	38
CBM_B_NS-27	NS-27	592646.9	4795349.1	4.0	0	93	0.0	A	58.2	0.0	-1.4	4.8	0.9	0.0	0.0	0.0	0.0	0.0	31
KPC_NS-28	NS-28	592675.6	4795675.9	2.4	0	79	16.8	A	65.9	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	30
KPC_NS-28	NS-28	592685.6	4795679.4	2.4	0	79	21.9	A	66.0	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	35
KPC_NS-28	NS-28	592693.8	4795679.9	2.4	0	79	20.5	A	66.0	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	34
KPC_NS-28	NS-28	592697.5	4795678.4	2.4	0	79	12.6	A	66.0	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592700.6	4795677.1	2.4	0	79	18.5	A	66.0	0.0	-2.7	2.2	2.1	0.0	0.0	0.0	0.0	0.0	30
KPC_NS-28	NS-28	592704.3	4795675.6	2.4	0	79	13.8	A	66.0	0.0	-2.6	1.7	2.1	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-28	NS-28	592708.3	4795674.0	2.4	0	79	17.5	A	66.0	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	31
KPC_NS-28	NS-28	592715.2	4795671.2	2.4	0	79	15.1	A	65.9	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-28	NS-28	592714.5	4795667.4	2.4	0	79	14.6	A	65.9	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-28	NS-28	592706.9	4795666.3	2.4	0	79	16.9	A	65.8	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	30
KPC_NS-28	NS-28	592702.5	4795665.6	2.4	0	79	13.1	A	65.8	0.0	-2.6	2.0	2.1	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-28	NS-28	592699.0	4795665.1	2.4	0	79	17.0	A	65.8	0.0	-2.6	2.8	2.1	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-28	NS-28	592696.3	4795664.8	2.4	0	79	10.1	A	65.8	0.0	-2.6	1.7	2.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-28	NS-28	592695.3	4795665.1	2.4	0	79	11.4	A	65.8	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-28	NS-28	592687.8	4795667.5	2.4	0	79	21.3	A	65.8	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	35
KPC_NS-28	NS-28	592675.0	4795671.4	2.4	0	79	13.5	A	65.8	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	27
KPC_NS-28	NS-28	592712.9	4795659.2	2.4	0	79	20.1	A	65.8	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-28	NS-28	592708.2	4795654.4	2.4	0	79	8.6	A	65.7	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	22
KPC_NS-28	NS-28	592705.2	4795655.1	2.4	0	79	19.8	A	65.7	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	33
KPC_NS-28	NS-28	592700.9	4795656.7	2.4	0	79	12.6	A	65.7	0.0	-2.6	2.8	2.1	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-28	NS-28	592698.5	4795657.6	2.4	0	79	11.8	A	65.7	0.0	-2.6	3.9	2.1	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-28	NS-28	592715.6	4795655.6	2.4	0	79	18.9	A	65.7	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	32
KPC_NS-28	NS-28	592720.6	4795659.6	2.4	0	79	11.7	A	65.8	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-28	NS-28	592696.3	4795688.2	2.4	0	79	7.4	A	66.1	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-28	NS-28	592698.9	4795686.7	2.4	0	79	3.4	A	66.1	0.0	-2.6	0.0	2.2	0.0	0.0	0.0	0.0	0.0	16
KPC_NS-28	NS-28	592702.2	4795684.7	2.4	0	79	11.5	A	66.1	0.0	-2.7	2.0	2.1	0.0	0.0	0.0	0.0	0.0	23
KPC_NS-28	NS-28	592705.6	4795682.7	2.4	0	79	9.0	A	66.1	0.0	-2.6	1.6	2.1	0.0	0.0	0.0	0.0	0.0	20
KPC_NS-28	NS-28	592708.3	4795681.1	2.4	0	79	11.7	A	66.1	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-28	NS-28	592711.2	4795678.8	2.4	0	79	11.5	A	66.0	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	25
KPC_NS-28	NS-28	592715.8	4795674.4	2.4	0	79	12.6	A	66.0	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592690.4	4795659.8	2.4	0	79	12.2	A	65.7	0.0	-2.5	0.0	2.1	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592683.6	4795663.3	2.4	0	79	15.8	A	65.7	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	29
KPC_NS-28	NS-28	592674.7	4795669.2	2.4	0	79	10.7	A	65.8	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	24
KPC_NS-28	NS-28	592674.8	4795679.4	2.4	0	79	12.4	A	66.0	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592679.0	4795682.9	2.4	0	79	8.3	A	66.0	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-28	NS-28	592684.1	4795685.9	2.4	0	79	12.9	A	66.1	0.0	-2.6	0.0	2.1	0.0	0.0	0.0	0.0	0.0	26
KPC_NS-28	NS-28	592702.5	4795648.3	2.4	0	79	7.6	A	65.5	0.0	-2.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-28	NS-28	592699.9	4795651.4	2.4	0	79	6.6	A	65.6	0.0	-2.5	4.6	2.1	0.0	0.0	0.0	0.0	0.0	15
KPC_NS-28	NS-28	592697.6	4795654.1	2.4	0	79	9.7	A	65.6	0.0	-2.6	5.4	2.1	0.0	0.0	0.0	0.0	0.0	18
CBM_B_NS-28	NS-28	592624.7	4795328.9	0.0	0	73	14.9	A	57.3	0.0	1.9	6.1	1.0	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-28	NS-28	592624.9	4795329.3	0.0	0	73	15.0	A	57.3	0.0	1.9	6.0	1.0	0.0	0.0	0.0	0.0	0.0	21
KPC_NS-29	NS-29	592518.4	4795621.3	2.0	0	111	0.0	A	65.1	0.0	-2.2	11.6	1.4	0.0	0.0	0.0	0.0	0.0	35

Receiver: R7g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	53

Receiver Name	Receiver ID	X	Y	Z
R7g	R7g	592605 m	4795124 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
CBM_B_NS-29	NS-29	592669.1	4795338.9	1.5	0	102	0.0	A	58.0	0.0	-1.8	15.6	1.3	0.0	0.0	0.0	0.0	0.0	29
KPC_NS-30	NS-30	592703.4	4795652.6	2.0	0	104	0.0	A	65.6	0.0	-2.1	0.0	1.5	0.0	0.0	0.0	0.0	0.0	39
CBM_B_NS-30	NS-30	592670.5	4795342.1	4.0	0	92	0.0	A	58.2	0.0	-1.9	6.2	1.3	0.0	0.0	0.0	0.0	0.0	28
CBM_B_NS-31	NS-31	592663.6	4795362.9	1.5	0	102	0.0	A	58.8	0.0	0.8	3.5	1.1	0.0	0.0	0.0	0.0	0.0	37
CBM_B_NS-32	NS-32	592665.1	4795362.3	4.0	0	92	0.0	A	58.8	0.0	-1.1	4.8	1.1	0.0	0.0	0.0	0.0	0.0	28
KPC_NS-32	NS-32	592510.3	4795613.3	2.0	0	95	0.0	A	65.0	0.0	-2.2	0.0	1.4	0.0	0.0	0.0	0.0	0.0	31
CBM_B_NS-34	NS-34	592632.8	4795319.0	2.5	0	104	0.0	A	56.9	0.0	-1.6	4.8	1.0	0.0	0.0	0.0	0.0	0.0	29
CBM_B_NS-35	NS-35	592641.6	4795305.9	2.4	0	75	8.0	A	56.4	0.0	-1.7	5.6	0.9	0.0	0.0	0.0	0.0	0.0	21
CBM_B_NS-35	NS-35	592636.8	4795306.7	2.4	0	75	15.5	A	56.4	0.0	-1.8	5.0	0.9	0.0	0.0	0.0	0.0	0.0	30
CBM_B_NS-35	NS-35	592632.2	4795309.0	2.4	0	75	15.3	A	56.5	0.0	-1.8	5.1	0.9	0.0	0.0	0.0	0.0	0.0	29
CBM_B_NS-35	NS-35	592626.9	4795314.0	2.4	0	75	14.7	A	56.7	0.0	-1.8	5.1	0.9	0.0	0.0	0.0	0.0	0.0	28
CBM_B_NS-35	NS-35	592646.7	4795314.3	2.4	0	75	17.7	A	56.8	0.0	-1.6	4.8	0.9	0.0	0.0	0.0	0.0	0.0	31
CBM_B_NS-35	NS-35	592627.2	4795316.7	2.4	0	75	10.7	A	56.8	0.0	-1.8	5.0	0.9	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-35	NS-35	592634.6	4795313.1	2.4	0	75	14.0	A	56.7	0.0	-1.7	4.9	0.9	0.0	0.0	0.0	0.0	0.0	28
CBM_B_NS-35	NS-35	592639.3	4795310.2	2.4	0	75	10.1	A	56.6	0.0	-1.7	4.9	0.9	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-35	NS-35	592642.0	4795307.6	2.4	0	75	6.2	A	56.5	0.0	-1.7	5.2	0.9	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592634.4	4795320.3	2.4	0	75	16.7	A	57.0	0.0	-1.6	4.8	0.9	0.0	0.0	0.0	0.0	0.0	30
CBM_B_NS-35	NS-35	592630.1	4795318.1	2.4	0	75	6.3	A	56.9	0.0	-1.7	4.9	0.9	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592640.8	4795314.4	2.4	0	75	12.5	A	56.8	0.0	-1.6	4.8	0.9	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592642.5	4795315.1	2.4	0	75	9.7	A	56.8	0.0	-1.6	4.8	0.9	0.0	0.0	0.0	0.0	0.0	23
CBM_B_NS-35	NS-35	592643.4	4795312.0	2.4	0	75	13.1	A	56.7	0.0	-1.6	4.8	0.9	0.0	0.0	0.0	0.0	0.0	27
CBM_B_NS-35	NS-35	592630.4	4795331.0	2.4	0	75	11.2	A	57.4	0.0	-1.5	4.7	1.0	0.0	0.0	0.0	0.0	0.0	24
CBM_B_NS-35	NS-35	592634.0	4795336.3	2.4	0	75	7.4	A	57.6	0.0	-1.4	5.3	1.0	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592637.5	4795341.6	2.4	0	75	14.0	A	57.9	0.0	-1.3	5.0	1.0	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592639.0	4795322.4	2.4	0	75	16.1	A	57.1	0.0	-1.5	4.7	1.0	0.0	0.0	0.0	0.0	0.0	29
CBM_B_NS-35	NS-35	592635.9	4795341.6	2.4	0	75	6.8	A	57.9	0.0	-1.3	4.8	1.0	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-35	NS-35	592632.9	4795336.9	2.4	0	75	2.8	A	57.7	0.0	-1.4	4.7	1.0	0.0	0.0	0.0	0.0	0.0	15
CBM_B_NS-35	NS-35	592628.3	4795329.7	2.4	0	75	12.2	A	57.3	0.0	-1.6	4.7	1.0	0.0	0.0	0.0	0.0	0.0	25
CBM_B_NS-35	NS-35	592623.6	4795323.0	2.4	0	75	8.3	A	57.0	0.0	-1.7	4.9	1.0	0.0	0.0	0.0	0.0	0.0	22
CBM_B_NS-35	NS-35	592625.9	4795311.8	2.4	0	75	13.8	A	56.6	0.0	-1.9	5.2	0.9	0.0	0.0	0.0	0.0	0.0	28
CBM_B_NS-35	NS-35	592642.1	4795344.5	2.4	0	75	13.4	A	58.0	0.0	-1.2	5.1	1.0	0.0	0.0	0.0	0.0	0.0	25
CBM_B_NS-35	NS-35	592624.7	4795320.0	2.4	0	75	12.3	A	56.9	0.0	-1.7	4.9	0.9	0.0	0.0	0.0	0.0	0.0	26
CBM_B_NS-35	NS-35	592641.3	4795304.4	2.4	0	75	4.2	A	56.3	0.0	-1.8	6.0	0.9	0.0	0.0	0.0	0.0	0.0	17
CBM_B_NS-35	NS-35	592637.1	4795303.3	2.4	0	75	6.3	A	56.2	0.0	-1.9	5.2	0.9	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592642.8	4795341.6	2.4	0	75	8.5	A	57.9	0.0	-1.3	5.6	1.0	0.0	0.0	0.0	0.0	0.0	20
CBM_B_NS-35	NS-35	592644.2	4795345.5	2.4	0	75	7.2	A	58.1	0.0	-1.2	4.8	1.0	0.0	0.0	0.0	0.0	0.0	19
CBM_B_NS-36	NS-36	592658.4	4795328.7	2.5	0	102	0.0	A	57.5	0.0	-0.6	7.1	0.4	0.0	0.0	0.0	0.0	0.0	37
CBM_B_NS-37	NS-37	592661.5	4795332.2	2.5	0	122	0.0	A	57.7	0.0	-0.8	11.2	1.2	0.0	0.0	0.0	0.0	0.0	34
CBM_B_NS-38	NS-38	592639.3	4795339.3	2.0	0	108	0.0	A	57.8	0.0	-0.1	8.7	1.2	0.0	0.0	0.0	0.0	0.0	21
AGRO_REEFERNEW	REEFER	592529.2	4795153.9	1.5	0	102	0.0	A	49.3	0.0	-1.8	19.8	0.4	0.0	0.0	0.0	0.0	0.0	33
AGRO_REEFERNEW	REEFER	592526.1	4795157.0	1.5	0	102	0.0	A	49.7	0.0	-1.8	20.0	0.4	0.0	0.0	0.0	0.0	0.0	32
AGRO_REEFERNEW	REEFER	592522.9	4795160.1	1.5	0	102	0.0	A	50.1	0.0	-2.0	20.2	0.5	0.0	0.0	0.0	0.0	0.0	32
AGRO_REEFERNEW	REEFER	592520.1	4795163.2	1.5	0	102	0.0	A	50.5	0.0	-1.9	20.4	0.5	0.0	0.0	0.0	0.0	0.0	31
AGRO_RefTruck	Refrigeration Truck Movements	592567.7	4795272.2	2.0	0	64	18.1	A	54.7	0.0	-2.5	13.0	0.9	0.0	0.0	0.0	0.0	0.0	16
AGRO_RefTruck	Refrigeration Truck Movements	592522.7	4795225.7	2.0	0	64	18.1	A	53.4	0.0	-2.6	13.3	0.8	0.0	0.0	0.0	0.0	0.0	17

Receiver: R7g

Project: 141-153 Plains Road West
Project Number: 22291

Time Period	Total (dBA)*
Day	53

Receiver Name	Receiver ID	X	Y	Z
R7g	R7g	592605 m	4795124 m	10.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AGRO_RefTruck	Refrigeration Truck Movements	592511.5	4795138.4	2.0	0	64	15.0	A	50.5	0.0	-1.9	5.1	0.6	0.0	0.0	0.0	0.0	0.0	25
AGRO_RefTruck	Refrigeration Truck Movements	592522.5	4795125.5	2.0	0	64	4.7	A	49.3	0.0	-1.9	5.5	0.5	0.0	0.0	0.0	0.0	0.0	15
AGRO_RefTruck	Refrigeration Truck Movements	592531.0	4795121.6	2.0	0	64	12.0	A	48.4	0.0	-1.9	5.7	0.5	0.0	0.0	0.0	0.0	0.0	23
AGRO_RefTruck	Refrigeration Truck Movements	592499.8	4795158.3	2.0	0	64	11.9	A	51.9	0.0	-1.9	4.9	0.7	0.0	0.0	0.0	0.0	0.0	20
AGRO_RefTruck	Refrigeration Truck Movements	592496.1	4795184.6	2.0	0	64	9.7	A	52.9	0.0	-2.1	5.1	0.8	0.0	0.0	0.0	0.0	0.0	17
AGRO_RegTruck	Regular Truck Movements	592511.5	4795138.4	2.0	0	60	15.0	A	50.5	0.0	-1.9	5.1	0.4	0.0	0.0	0.0	0.0	0.0	21
AGRO_RegTruck	Regular Truck Movements	592531.0	4795121.6	2.0	0	60	12.0	A	48.4	0.0	-1.9	5.6	0.3	0.0	0.0	0.0	0.0	0.0	20
AGRO_RegTruck	Regular Truck Movements	592499.8	4795158.3	2.0	0	60	11.9	A	51.9	0.0	-1.8	4.9	0.5	0.0	0.0	0.0	0.0	0.0	17
AGRO_RTU	Small RTU	592577.1	4795153.5	8.0	0	81	0.0	A	43.2	0.0	-2.4	4.9	0.6	0.0	0.0	0.0	0.0	0.0	33
AGRO_RTU	Small RTU	592582.0	4795160.1	8.0	0	81	0.0	A	43.7	0.0	-2.4	4.9	0.6	0.0	0.0	0.0	0.0	0.0	32
AGRO_RTU	Small RTU	592575.6	4795163.4	8.0	0	81	0.0	A	44.9	0.0	-2.5	4.8	0.7	0.0	0.0	0.0	0.0	0.0	31
AGRO_RTU	Small RTU	592574.0	4795169.7	8.0	0	81	0.0	A	45.9	0.0	-2.5	4.8	0.7	0.0	0.0	0.0	0.0	0.0	30
AGRO_RTU	Small RTU	592579.3	4795173.2	8.0	0	81	0.0	A	45.9	0.0	-2.5	4.8	0.7	0.0	0.0	0.0	0.0	0.0	30
AGRO_RTU	Small RTU	592594.8	4795182.9	8.0	0	81	0.0	A	46.6	0.0	-2.5	4.8	0.8	0.0	0.0	0.0	0.0	0.0	30
AGRO_RTU	Small RTU	592557.6	4795162.4	8.0	0	81	0.0	A	46.7	0.0	-2.6	4.8	0.8	0.0	0.0	0.0	0.0	0.0	30
AGRO_RTU	Small RTU	592611.7	4795198.9	8.0	0	81	0.0	A	48.6	0.0	-2.5	4.8	1.0	0.0	0.0	0.0	0.0	0.0	27
AGRO_RTU	Small RTU	592571.6	4795206.9	8.0	0	81	0.0	A	50.1	0.0	-2.7	4.8	1.1	0.0	0.0	0.0	0.0	0.0	26
AGRO_RTU	Small RTU	592567.5	4795207.3	8.0	0	81	0.0	A	50.2	0.0	-2.7	0.0	1.1	0.0	0.0	0.0	0.0	0.0	31
AGRO_RTU	Small RTU	592630.5	4795223.3	9.0	0	81	0.0	A	51.3	0.0	-2.5	4.8	1.2	0.0	0.0	0.0	0.0	0.0	25
AGRO_RTU	Small RTU	592613.3	4795239.2	9.0	0	81	0.0	A	52.3	0.0	-2.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	28
AGRO_RTU	Small RTU	592576.6	4795246.8	8.0	0	81	0.0	A	53.0	0.0	-2.8	0.0	1.4	0.0	0.0	0.0	0.0	0.0	28
D06_RTU	Small RTU	592708.9	4795231.2	6.5	0	81	0.0	A	54.5	0.0	-2.7	5.1	1.6	0.0	0.0	0.0	0.0	0.0	21
D06_RTU	Small RTU	592690.3	4795250.2	6.5	0	81	0.0	A	54.7	0.0	-2.3	4.6	1.7	0.0	0.0	0.0	0.0	0.0	21
D06_RTU	Small RTU	592709.0	4795237.5	6.5	0	81	0.0	A	54.8	0.0	-2.7	4.8	1.7	0.0	0.0	0.0	0.0	0.0	21
D06_RTU	Small RTU	592703.4	4795244.2	6.5	0	81	0.0	A	54.9	0.0	-2.6	4.7	1.7	0.0	0.0	0.0	0.0	0.0	21
D06_RTU	Small RTU	592715.3	4795237.5	6.5	0	81	0.0	A	55.0	0.0	-2.7	4.9	1.7	0.0	0.0	0.0	0.0	0.0	20
D06_RTU	Small RTU	592715.8	4795256.7	6.5	0	81	0.0	A	55.8	0.0	-2.7	4.6	1.8	0.0	0.0	0.0	0.0	0.0	20
D06_RTU	Small RTU	592723.1	4795253.7	6.5	0	81	0.0	A	55.9	0.0	-2.7	4.6	1.8	0.0	0.0	0.0	0.0	0.0	20

*The total value shown accounts for all modelled sources and may include small contributions from sources not described in the table above

Appendix E
Façade Sound Isolation Calculations

Aircraft Noise Sound Insulation - Scenario Calculation Results

Project: 141-153 Plains Road West

Date:2023-03-14 **ProjectID:** 22291

Outdoor level: NEF 34 or Leq24 66 or Ldn 67 dBA

Source Spectrum details:

100% Mixed Road Traffic

Corrections:

Receiving room:

Floor Area: 25 m²
Absorbtion: 100% of floor area

Construction Description:

Element 1: VIN1_OSB11_WS140(406)_GFB152_RC13(610)_2G13

Construction Type: 2by6 Wall+RC
Area: 2.00 m²
Test ID: TLA-99-077a
Test Date: 1999-02-17

Vinyl siding, 11 mm OSB, 140 mm wood studs on 406 mm centre with glass fibre cavity insulation, 2 of 13 mm gypsum board on resilient channels spaced 610 mm on centre.

Element 2: GL3_AIR13_GL3

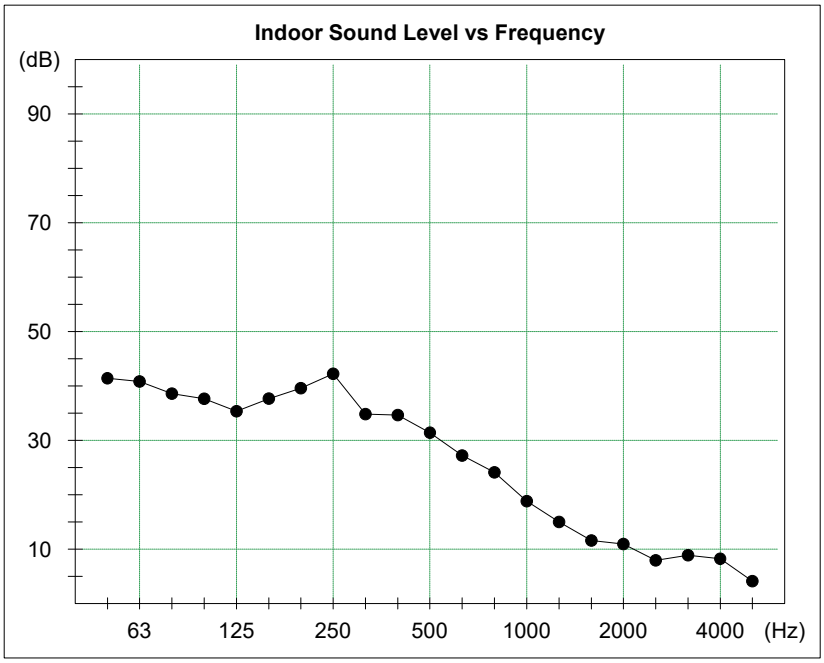
Construction Type: Glazing
Area: 8.00 m²
Test ID: TLA-99-197a
Test Date: 1999-07-06

Double glazing unit: aluminum spacer with air

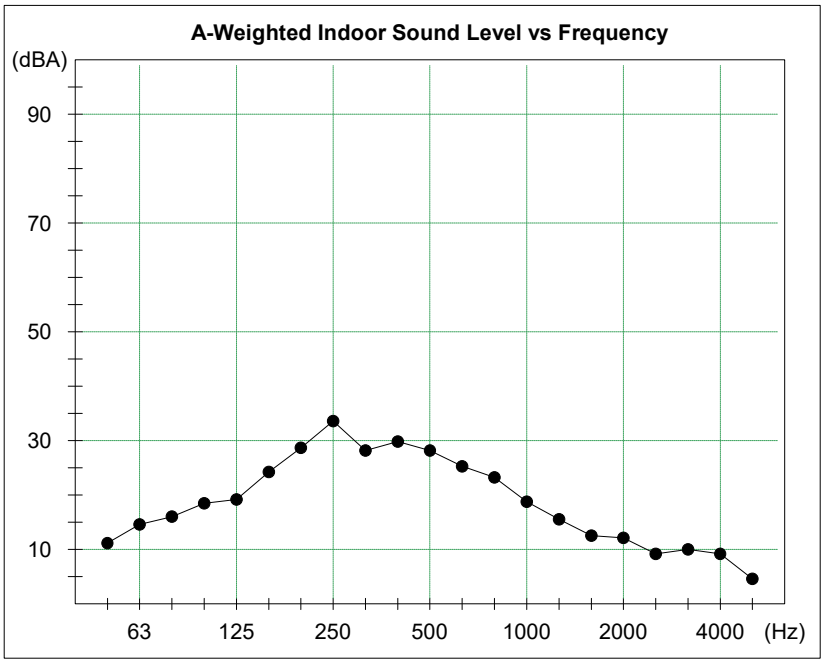
Aircraft Noise Sound Insulation - Scenario Calculation Results

Project: 141-153 Plains Road West

Date:2023-03-14 **ProjectID:** 22291



Frequency (Hz)	Sound Level (dB)
50	41.4
63	40.8
80	38.6
100	37.6
125	35.3
160	37.6
200	39.6
250	42.2
315	34.8
400	34.6
500	31.4
630	27.2
800	24.1
1000	18.8
1250	15.0
1600	11.5
2000	10.9
2500	7.9
3150	8.8
4000	8.2
5000	4.1

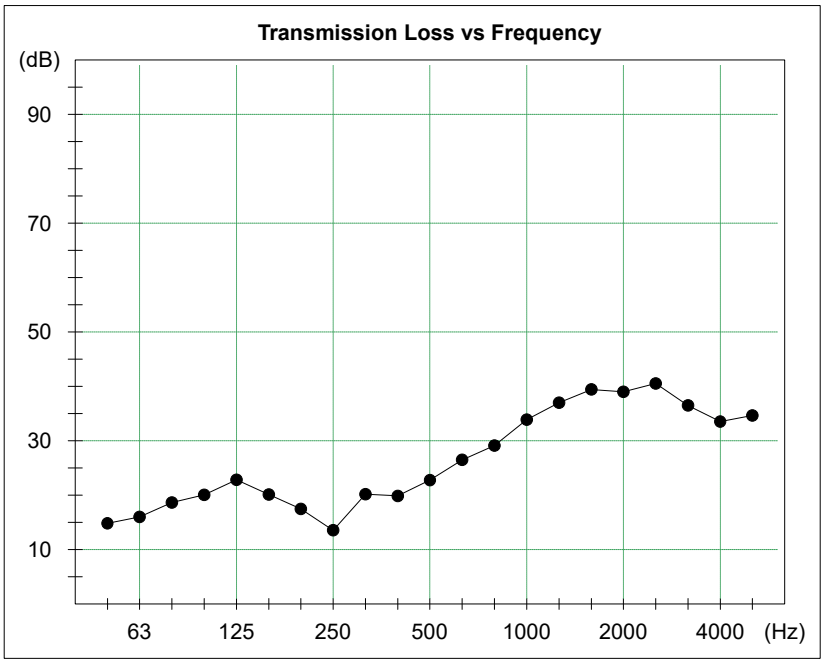


Frequency (Hz)	Sound Level (dBA)
50	11.2
63	14.6
80	16.1
100	18.5
125	19.2
160	24.2
200	28.7
250	33.6
315	28.2
400	29.8
500	28.2
630	25.3
800	23.3
1000	18.8
1250	15.6
1600	12.5
2000	12.1
2500	9.2
3150	10.0
4000	9.2
5000	4.6

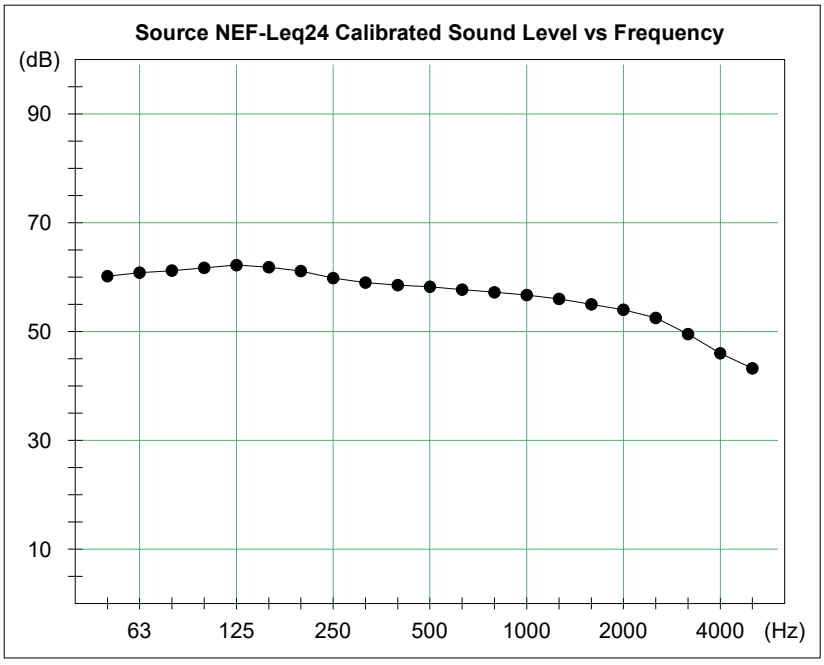
Aircraft Noise Sound Insulation - Scenario Calculation Results

Project: 141-153 Plains Road West

Date:2023-03-14 **ProjectID:** 22291



Frequency (Hz)	TL (dB)
50	15
63	16
80	19
100	20
125	23
160	20
200	18
250	14
315	20
400	20
500	23
630	27
800	29
1000	34
1250	37
1600	39
2000	39
2500	41
3150	37
4000	34
5000	35



Frequency (Hz)	Sound Level (dB)
50	60.2
63	60.8
80	61.2
100	61.7
125	62.2
160	61.8
200	61.1
250	59.8
315	59.0
400	58.5
500	58.2
630	57.7
800	57.2
1000	56.7
1250	56.0
1600	55.0
2000	54.0
2500	52.5
3150	49.5
4000	46.0
5000	43.2

Single Number Ratings:

Outdoor Sound Level:	66 dBA
Indoor Sound Level:	38 dBA
A-wtd Level Reduction:	28 dB
A-wtd Reduction re Standard Source:	26 dB
OITC Rating:	23 dB

End of Report