

ENVIRONMENTAL NOISE REPORT - Project: 17409.00**Proposed Commercial Development
Microtel Kanata
340 Huntmar Drive, Kanata, City of Ottawa**

Prepared for:

Activar Inc.
2-107 Fourth Avenue
Ottawa, ON, K1S 2L1

Prepared by:


Nicholas Tam, M.A.Sc.


Derek Flake, M.Sc., P.Eng.



November 21, 2017

Executive Summary

Activar Inc. has retained Aercoustics Engineering Limited to prepare an Environmental Noise Report to support an application for a proposed commercial development in the region of Kanata, City of Ottawa.

This noise study is intended to support a Site Plan Approval. This study examined the existing and future noise environment in the development area and evaluated its impact potential on future noise sensitive receptors. The study also investigated the noise controls required for the development in order to meet the noise guidelines of the Ontario Ministry of the Environment and Climate Change (MOECC) and to satisfy the requirements of the City of Ottawa. This report considered the MOECC guideline NPC-300 “*Stationary and Transportation Sources – Approval and Planning*” (August 2013) and the City of Ottawa Environmental Noise Control Guidelines (January 2016).

The proposed development consists of a single commercial four storey hotel building and associated parking lot. The proposed site is located on the southeast corner of Campeau Drive and Huntmar Drive in Kanata, City of Ottawa. The adjacent land-uses include existing commercial retail buildings to the west (an existing Tanger Outlet Mall), industrial area to the distant northwest, current residential area and future residential developments to the north, undeveloped land to the east and a general mixed use area to the south. Highway 417 is located about 300 m to the southeast and the Canadian Tire Centre is located further beyond that.

The rail tracks of the Ottawa Confederation Line (LRT service) are planned to be placed adjacent to the property line of the proposed development site. The potential noise impact from this is addressed.

The noise impact potential of the surrounding land uses on the proposed hotel has been examined and is further discussed in this report in accordance with the MOECC and City of Ottawa noise guidelines. The results of this study indicate the proposed building is predicted to be in compliance with the MOECC criteria for indoor sound levels given construction meeting the Ontario Building Code (OBC).

Warning clauses were not included in this report because the subject is a hotel development.

Table of Contents

1	Introduction	4
2	Guidelines and Criteria	5
3	Noise Level Predictions	7
4	Transportation Noise Predictions	9
5	Noise Control Recommendations	10
6	Conclusions	12
7	References	13

1 Introduction

Activar Inc. has retained the services of Aercoustics Engineering Limited (Aercoustics) to prepare an Environmental Noise Report to support an application for a proposed commercial development of a Micotel Inn and Suites Hotel in Kanata, City of Ottawa.

This noise study is intended to support a Site Plan Approval. The purpose of this study was to examine the existing and future noise environment in the development area and evaluate its impact potential on future noise sensitive receptors. This study also investigates the noise controls required for the development in order to meet the noise guidelines of the Ontario Ministry of the Environment and Climate Change (MOECC) and to satisfy the requirements of the City of Ottawa. This report considered the MOECC guideline NPC-300 “*Stationary and Transportation Sources – Approval and Planning*” (August 2013) and the City of Ottawa Environmental Noise Control Guidelines (January 2016).

Figure 1 provides a key plan showing the proposed development location. Figure 2 shows the Site Plan of the proposed development with road traffic noise calculation locations indicated. The Micotel Inn and Suites by Wyndham Site Plan was prepared by Dredge Leahy Architects and is included in Appendix A.

The proposed development consists of a single commercial four storey hotel building. The proposed site is located on the southeast corner of Campeau Drive and Huntmar Drive in Kanata, City of Ottawa. The adjacent land-uses include existing commercial and retail buildings to the west (an existing Tanger Outlet Mall), industrial area to the distant northwest, current residential area and future residential developments to the north, undeveloped land to the east and a general mixed use area to the south. Highway 417 is located about 300 m to the southeast and the Canadian Tire Centre is located further beyond that.

This report is based on the following information:

- Site Plan, Architectural Floor Plans and Elevations Plans prepared by Dredge Leahy Architects, dated October 27, 2017;
- Road and highway traffic information provided by the City of Ottawa and the Ministry of Transportation of Ontario, respectively; and
- LRT traffic information provided by the City of Ottawa and Parsons Corporation.

The dominant surface transportation traffic noise sources in the subject study area include Highway 417, Huntmar Drive and the proposed LRT. The proposed development is also located within 8 km of the Carp airport. However, the proposed development is

approximately 6 km outside the Operating Influence Zone and therefore the aircraft traffic related to the Carp airport is not expected to be acoustically significant.

2 Guidelines and Criteria

2.1 Transportation Noise – Outdoor Living Area (OLA)

There are no Outdoor Living Areas (OLA) associated with the proposed commercial development.

2.2 Transportation Noise – Indoor Living Spaces

Indoor noise levels due to road traffic were examined with respect to the MOECC Guidelines. Based on the City of Ottawa's Supplementary Sound Level Limits for Indoor Spaces, hotel rooms are required to meet an indoor nighttime Leq-8hr of 45 dBA from road traffic and 40 dBA from rail traffic. In order to achieve these levels, the MOECC Guidelines provide a basis for the types of windows, exterior walls, and doors that will be required based on projected outdoor noise levels.

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

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

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

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

Table 1 - Indoor Noise Limits Due to Road and Rail Traffic

Type of Space	Time Period	Minimum LEQ (dBA) Road Traffic	Minimum LEQ (dBA) Rail Traffic
General Offices, Reception Areas, Retail Stores, etc.	07:00 – 23:00	50 dBA	45 dBA

Type of Space	Time Period	Minimum LEQ (dBA) Road Traffic	Minimum LEQ (dBA) Rail Traffic
Living/dining, den areas of residences, hospitals, nursing homes, schools, day-care centre, conference rooms, reading rooms	07:00 – 23:00	45 dBA	40 dBA
Sleeping quarters of hotels/motels	23:00 – 07:00	45 dBA	40 dBA

2.3 Stationary Noise Sources

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

Table 2 – Noise Exclusion Limits – Stationary Noise Sources – Classes 1, 2, 3, and 4

Time of Day	Sound Level Exclusion Limit*	Sound Level Exclusion Limit*	Sound Level Exclusion Limit*	Sound Level Exclusion Limit*
	Class 1 Area	Class 2 Area	Class 3 Area	Class 4 Area
Outdoor Points of Reception				
Day (07:00 to 19:00)	50 dBA	50 dBA	45 dBA	55 dBA
Evening (19:00 to 23:00)	50 dBA	45 dBA	40 dBA	55 dBA
Plane of Window of Noise Sensitive Spaces				
Day (07:00 to 19:00)	50 dBA	50 dBA	45 dBA	60 dBA
Evening (19:00 to 23:00)	50 dBA	50 dBA	40 dBA	60 dBA
Night (23:00 to 07:00)	45 dBA	45 dBA	40 dBA	55 dBA

* or the minimum existing hourly background sound level Leq, whichever is higher

The outdoor sound level limits for stationary sources apply only to daytime and evening hours while sound level limits apply during the nighttime period for the plane of the window of a noise sensitive space. In general, the outdoor points of reception will be protected during the nighttime as a consequence of meeting the sound level limits at the adjacent plane of window of noise sensitive spaces.

Note that for Class 1, 2, and 3 areas, the plane of window limits apply to a window that is assumed to be open. For Class 4 areas, the plane of window limits apply to a window which is assumed to be closed. This distinction does not affect the prediction of plane of window sound levels.

The above listed sound level limits for an outdoor point of reception define the point of reception as any area in the development that is amenable for use. The sound level limit is also valid for a point of reception location at the centre of the plane of a window. In the nighttime period, the criterion is defined at the plane of a bedroom window.

The MOECC recognizes the need for back-up beepers and alarms as safety devices and, as such, does not have any guidelines or criteria to address these sources. It should be noted that the MOECC guidelines do not require that a noise source be inaudible but rather that specific sound level limits be achieved.

3 Noise Level Predictions

3.1 Road and Rail Traffic Noise Calculations Procedure

The dominant road and rail traffic sources in the subject study area include Highway 417, Huntmar Drive and the Confederation LRT line. This site is not affected by aircraft traffic noise.

The proposed site is considered an MOECC Class 1 area due to existing road traffic.

Noise level calculations were performed in accordance with the MOECC Guidelines and by the Guidelines of the Ontario Road Noise Analysis Method for Environment and Transportation (ORNAMENT). Sample copies of the traffic noise predictions from MOECC's Road and Rail Traffic Noise Prediction Model STAMSON (Version 5) are included in Appendix B.

The equivalent sound levels (Leq) due to road traffic were calculated at worst case noise sensitive receptors in the proposed development. Calculations were performed for both daytime and nighttime conditions at receiver heights representing the worst-case commercial storey. The architectural plans do not identify any outdoor living area (OLA) associated with this development.

3.2 Road and Rail Traffic Data

Road traffic noise predictions were based on the road traffic data outlined in Table 3 below. The road traffic volume counts and truck percentages were obtained from the City of Ottawa and the Ministry of Transportation of Ontario. As only the 2016 AADT data was available, the ultimate time frame AADT was estimated using a conservative growth rate of 2.5 % per year. The estimates consider a time frame of ten years after occupancy of the building (assumed to be two years from the issue of this report).

Copies of the correspondence and received data are included in Appendix B.

Table 3 – Road and Rail (LRT) Traffic Volumes

	Huntmar Drive	Highway 417 Westbound	Highway 417 Eastbound	Confederation Line (LRT)
24hr Volumes (Ultimate AADT)	12350	48545	48411	135
No. of Lanes	4	4	4	2
Day/Night Split (%)	92/8*	87/13	64/26	70/30
Percentage of Trucks (%)	2.37	10	10	-
Heavy/Medium Ratio (%)	1/1	1/1	1/1	-
Grade (%)	<2 %	<2 %	<2 %	<2 %
Posted Speed (km/hr)	50	100	100	60
Right of Way (R.O.W.) (m)	-	100 m	100 m	-

* Assumed value based on City of Ottawa noise guidelines, Appendix B.

3.3 Stationary Noise Sources

The rooftop HVAC units at the Tanger Outlet Mall are considered stationary noise sources. The noise from this mechanical equipment was modelled based on locations from satellite images, typical equipment sound data from the Aeroustics database and assumptions as required. All other sources related to the Tanger Outlet Mall (ex. occasional truck deliveries, small vehicle traffic) are assumed to be acoustically insignificant.

It should be noted that further to the limits set by the MOECC, the City of Ottawa noise by-law (By-Law 2017-255) restricts noise from air conditioners and similar devices to emit noise below 50 dBA at nearby points of reception. Loading activities are also prohibited during nighttime hours (23:00 to 7:00) if likely to disturb anyone in the vicinity.

It is not anticipated that further development will occur near the site which would provide the proposed commercial building with shielding to the stationary noise from the Tanger Outlet Mall.

Unavailable or Acoustically Insignificant Noise Sources

The proposed commercial buildings are expected to have minimal impact on the surrounding environment. This should be confirmed at the detailed noise study stage once information becomes available for the final equipment selections and locations of parking exhaust fans, cooling towers or emergency standby generator equipment.

4 Transportation Noise Predictions

Table 4 and Table 5 below list the daytime and nighttime unmitigated sound levels due to road traffic and rail traffic respectively. The results are predicted at noise sensitive locations within the development, labelled as locations C1, C2 and C3 in blue on the site plan in Figure 2. Sample calculations are provided in Appendix C.

Table 4 – Calculated Unmitigated Noise Levels Due to Road Traffic

Calculation Location (Figure 2)	Receptor Height (m)	Description	Source	Distance (m)	Leq (dBA)	
					Day	Night
C1	11 m	Hotel Room in the northwest Corner	Huntmar Drive	19	63	58
			Highway 417 West Bound	306		
			Highway 417 East Bound	345		
C2	11 m	Hotel Room in the Southwest Corner	Huntmar Drive	25	63	59
			Highway 417 West Bound	244		
			Highway 417 East Bound	283		
C3	11 m	Hotel Room in the Southeast Corner	Highway 417 West Bound	254	62	58
			Highway 417 East Bound	295		

The daytime and nighttime unmitigated sound levels due to rail traffic are listed in Table 5 below.

Table 5 – Calculated Unmitigated Noise Levels Due to Rail Traffic

Calculation Location (Figure 2)	Receptor Height (m)	Description	Source	Distance (m)	Leq (dBA)	
					Day	Night
C1	11 m	Hotel room in the northwest corner	Confederation LRT Line	*	-	-

Calculation Location (Figure 2)	Receptor Height (m)	Description	Source	Distance (m)	Leq (dBA)	
					Day	Night
C2	11 m	Hotel room in the southwest corner	Confederation LRT Line	*	-	-
C3	11m	Hotel room in the southeast corner	Confederation LRT Line	63	46	45

* Contribution of the source is not expected to be significant at this location due to building shielding.

The noise levels listed in the tables above were used to determine the window glazing as well as exterior wall requirements for each designated point of reception. These requirements were based on the ratios of window and wall surface area to the floor area provided in the preliminary Architectural Floor Plans.

5 Noise Control Recommendations

5.1 Transportation Noise – Indoor Living Spaces

Indoor sound levels were examined with respect to MOECC Guidelines as summarized in Section 2 of this report. The recommendations discussed below were based on the preliminary Architectural Floor Plans provided.

Table 6 – Recommended Window Glazing

Location	Façade	Floor Number	Window STC	Exterior Wall STC	A/C
Micotel Hotel	All Facades	All	Up to STC 35	OBC*	Provision

*Exterior wall components meeting the minimum requirements of the Ontario Building Code (OBC) will provide adequate acoustical protection for the future indoor spaces.

The above listed Sound Transmission Class (STC) rating should be reviewed and confirmed once the final suite layouts and architectural drawings are available.

The worst case impact of the daytime road traffic is predicted to be 63 dBA at the north and east facades of the proposed building. At this noise level, window construction meeting up to STC 35 may be required. For the remaining facades of the proposed

building, windows with a lower requirement may be acceptable. Walls meeting the Ontario Building Code (OBC) requirements will also suffice for noise control purposes.

For the proposed building, calculations were performed with the noise insulation modelling software IBANA for window and wall to floor area percentages. STC 35 window requirements are expected to be met with standard double-pane window glazing (i.e. 6 mm glass / 13 mm air space / 6 mm glass). Individual window suppliers' products vary and laboratory tested STC data should be reviewed once the window selections have been made.

Based on the sound level predictions, provision to install a central air conditioning is recommended for the proposed building. However, since this is a commercial hotel development, this requirement may not apply. Regardless, it is understood that air conditioning is planned to be provided for all units.

5.2 Stationary Noise Sources

The stationary noise source prediction model was generated using Datakustik's CadnaA Noise Prediction Software. This model is based on established noise prediction methods outlined in the ISO 9613-2 standard "Acoustic – Attenuation of sound during propagation outdoors – Part 2: General method and calculation". Noise levels were predicted using conditions of downwind propagation, generally with hard ground in paved areas. The worst-case receptor heights for the proposed commercial building were determined using the Building Evaluation tool.

As discussed previously, the rooftop HVAC equipment noise sources were based on sound data from Aeroustics' database of typical equipment. Any assumed equipment levels were conservative and are not expected to alter the conclusions of this study.

The following table shows the results of the maximum noise predictions at receptors R1, R2, and R3.

Table 7 – Maximum predicted sound levels at critical receptor locations

Daytime Sound Level (dBA)				Evening and Nighttime Sound Level (dBA)		
	Predicted	Limit	Exceedance	Predicted	Limit	Exceedance
R1	44	50	No	41	45	No
R2	43	50	No	40	45	No
R3	23	50	No	20	45	No

As shown, the MOECC sound level limits are not exceeded at any of the receptors. Therefore, no noise mitigation measures are required to address stationary noise sources. Figure 3 shows the predicted unmitigated noise impact for the proposed development.

6 Conclusions

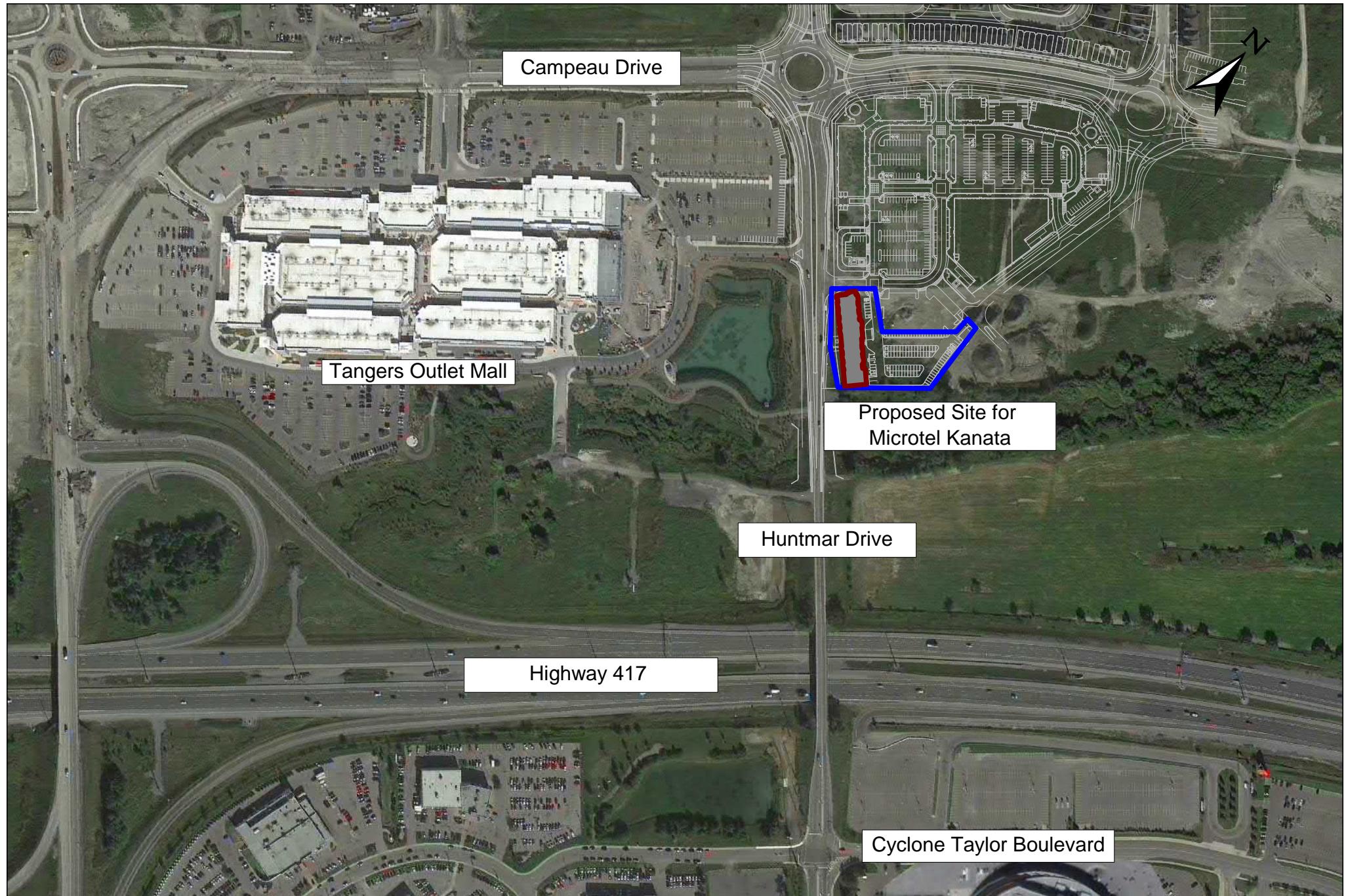
The results of this study indicate that window constructions meeting the Ontario Building Code (OBC) are predicted to allow the building to be compliant with the MOECC criteria for indoor sound levels. Standard construction meeting the requirements of the Ontario Building Code (OBC) can be used.

The sound levels at the sensitive receptors of the proposed commercial development comply with the noise guidelines of the MOECC. Warning clauses were not included in this report because the subject is a hotel development.

Further analysis should be conducted to confirm the noise impact of the development on itself when more detailed information is available for the proposed mechanical equipment and the proposed window and wall construction.

7 References

1. ORNAMENT – “Ontario Road Noise Analysis Method for Environmental and Transportation”, Ontario Ministry of the Environment, October, 1989.
2. Building Practice Note No. 56: Controlling Sound Transmission into Buildings”, by J.D. Quirt, Division of Building Research, National Research Council of Canada, September, 1995.
3. “Stationary and Transportation Sources – Approval and Planning”, Ontario Ministry of the Environment, Publication NPC-300, August 2013.
4. “Environmental Noise Control Guidelines”, City of Ottawa, (January 2016).



Project ID: 17409.00

Project Name

Scale: NTS

Drawn by: NT

Reviewed by: DF

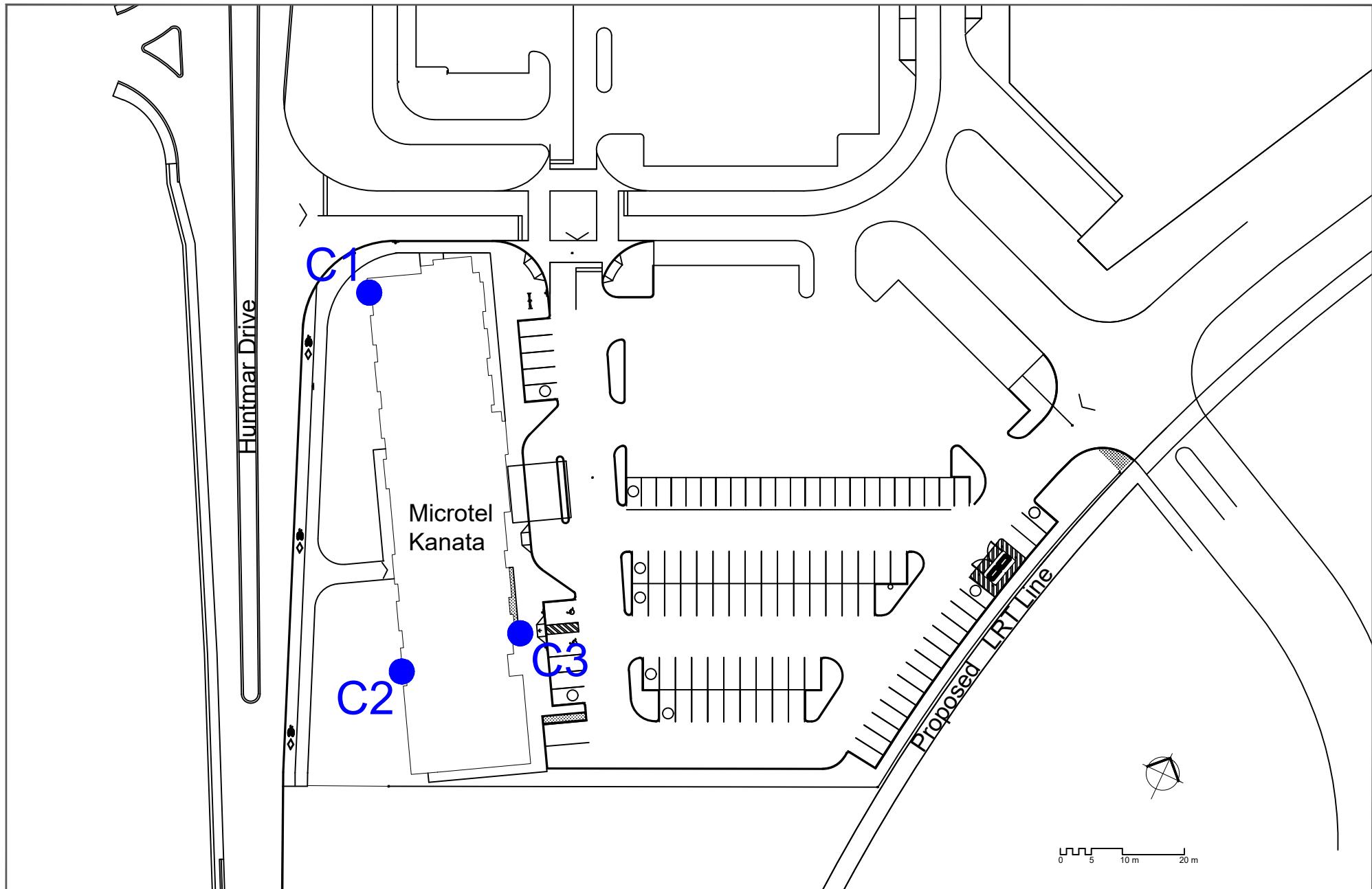
Date: Nov 15, 2017

Revision: 1

Proposed Commercial Development- Microtel Kanata

Figure Title

Key Plan Showing Site Location



1004 Middlegate Rd., Suite 1100,
Mississauga, ON
P: 416.249.3361 F: 416.249.3613

Scale: As Shown
Drawn: NT
Eng: DF
Date: 11.15.2017

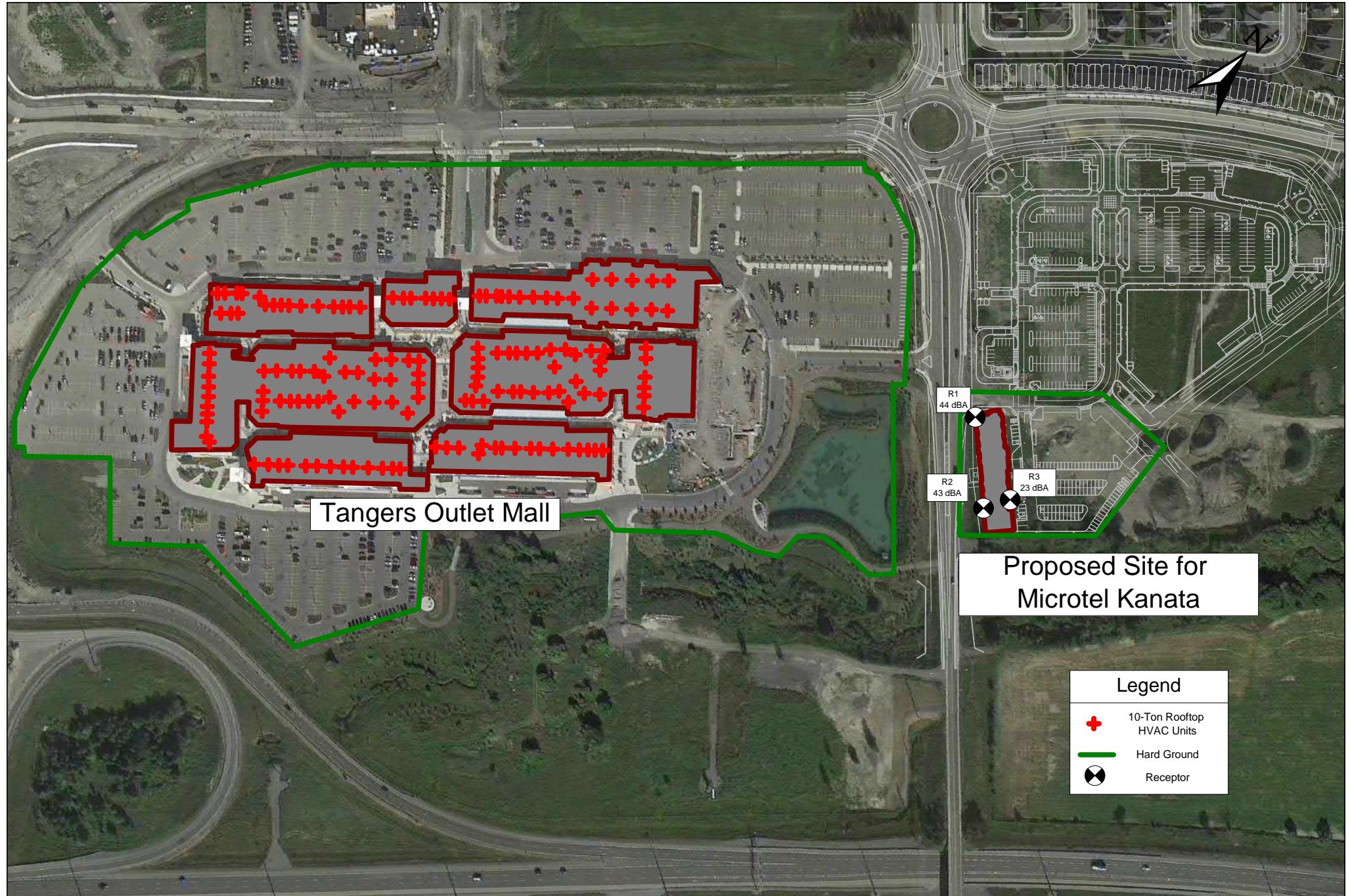
The scope of the work outlined in this document is limited to the acoustic, noise and/or vibration control aspects of the design. Contractor to verify all dimensions.

Project Name:
Microtel Hotel- 340 Huntmar Drive

Drawing Title:
Site Plan Showing Road Traffic Noise Calculation Locations

AEL No: 17409

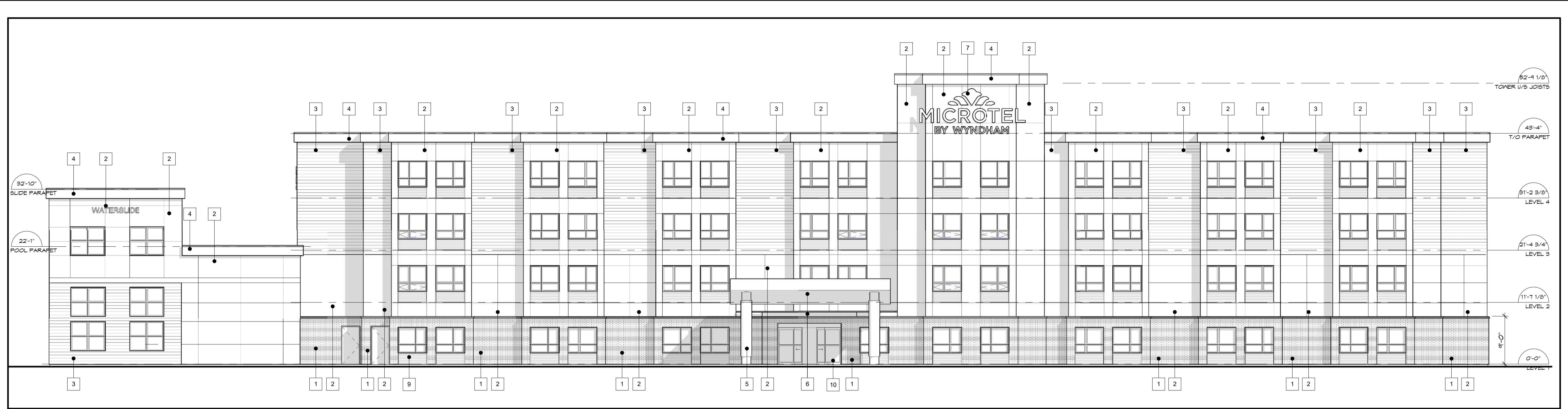
Dwg No. 2



 aercoustics	Project ID: 17409.00	Project Name
	Scale: NTS Drawn by: NT Reviewed by: DF Date: Nov 13, 2017 Revision: 1	Proposed Commercial Development- Microtel Kanata
	Figure Title	Noise prediction modeling showing receptors- Site Plan Stationary Noise Sources Unmitigated Sound Levels
		Figure 3

Appendix A

Site Plan Draft Drawings



Client:
Key Plan:
Plan Clé:

ISSUED FOR SITE PLAN APPLICATION OCT 27, 2017
Issue Date:
Prime Consultant: Expert-Conseil:
DREDGE LEAHY 100-25 Holland Ave.
Ottawa, ON K1Y 4R9
613.724.9865
dl-arch.ca

Sub Consultant: Expert-Conseil:



Project: Projet: MICROTель KANATA

340 HUNTMAR DRIVE, KANATA, ON

Drawing: Dessiné par:

BH Scale: Échelle: 3/32" = 1'-0"

Designed by: Conçu par:

BH Date: OCT 27, 2017

Approved by: Approuvé par:

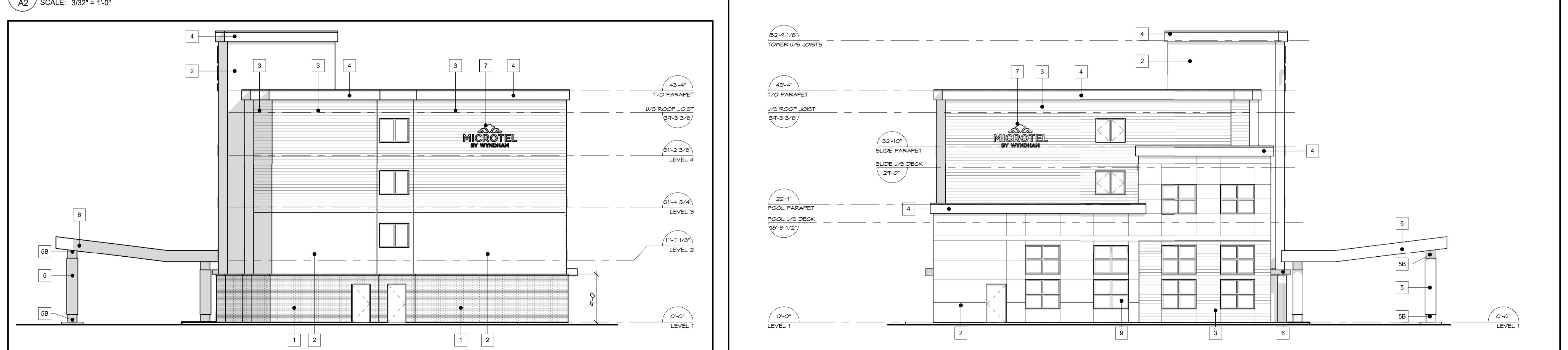
MD Client Project No.: No. du Projet du Client:

Seal: Scellé:

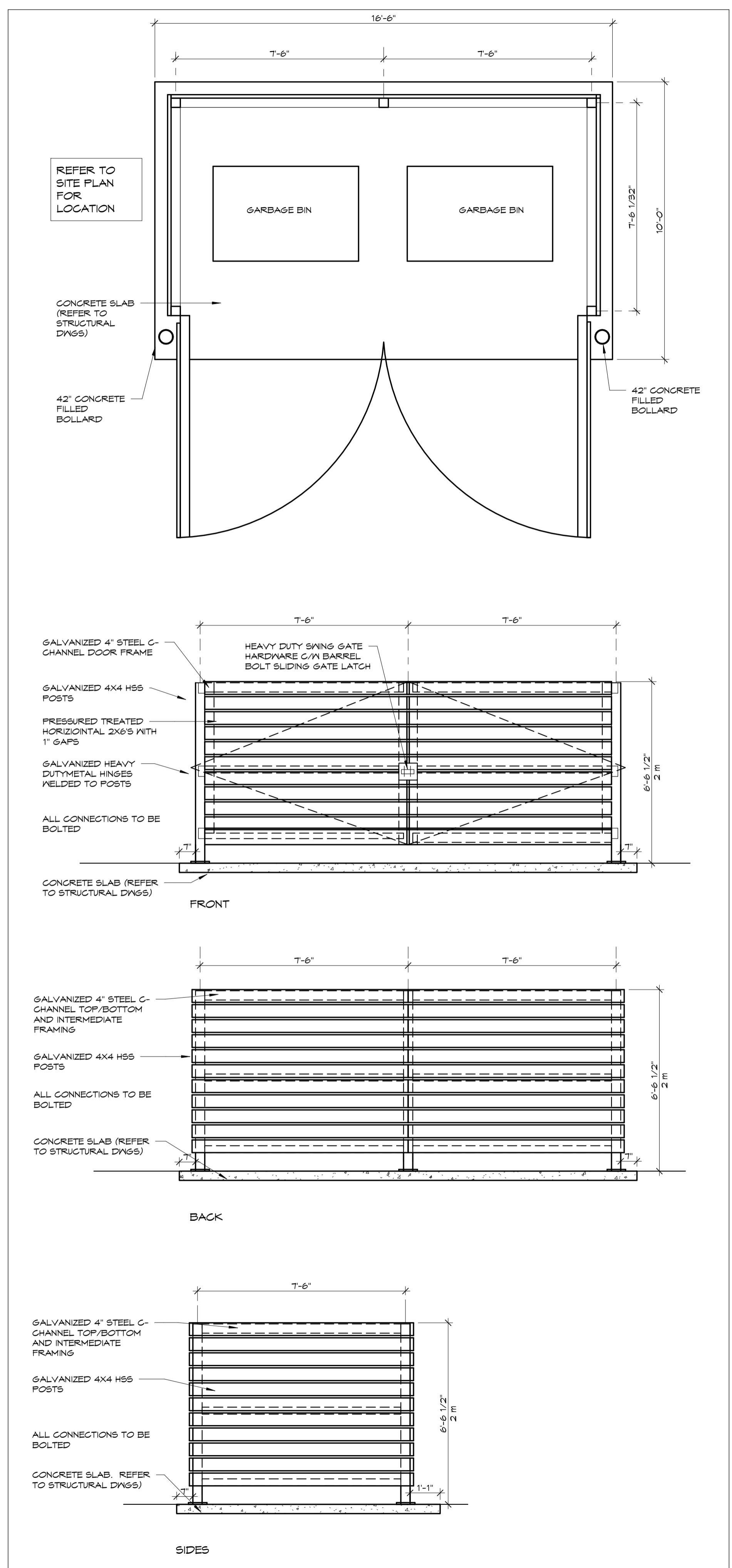
ONTARIO ASSOCIATION OF ARCHITECTS
Michele L. Dodge
LICENCE 4998

Project No.: No. du Projet: 1394

Sheet No.: No. de la feuille:



A2



Client:		
Key Plan: Plan Clé:		
ISSUED FOR SITE PLAN APPLICATION	OCT 27, 2017	Date:
Issue:		
Prime Consultant: Expert-Conseil:		
DREDGE LEAHY		
100-25 Holland Ave. Ottawa, ON K1Y 4R9 613.724.9865		
dl-arch.ca		
Sub Consultant: Expert-Conseil:		
Project: Projet:	MICROTEL KANATA	
340 HUNTMAR DRIVE, KANATA, ON		
Drawing: Dessin:	GARBAGE ENCLOSURE	
Drawn by: Dessiné par:	BH	Scale: Échelle: 3/8" = 1'-0"
Designed by: Conçu par:	BH	Date: 10/25/17
Approved by: Approuvé par:	MD	Client Project No. No. du Projet du Client:
Seal: Sceau:	Project No.: No. du Projet: 1394	
Sheet No.: No. de la feuille:		

ONTARIO ASSOCIATION
OF
ARCHITECTS
Michele L. Dodge
LICENCE
4998

A3

Appendix B

Road Traffic Data and Sample Calculations

Nicholas Tam

To: Croft, Paul; Taylor, Angela
Cc: Steacy, Peter
Subject: RE: LRT Traffic Information

From: Croft, Paul [mailto:Paul.Croft@parsons.com]
Sent: Thursday, November 9, 2017 4:19 PM
To: Taylor, Angela <Angela.Taylor@ottawa.ca>; Nicholas Tam <NicholasT@aercoustics.com>
Cc: Steacy, Peter <Peter.Steacy@parsons.com>
Subject: RE: LRT Traffic Information

Hi Nicholas,

Per your request I can provide the following information:

1. The alignment for the Kanata LRT in this area is still subject to an ongoing planning and environmental assessment study, the results of which may shift the alignment to the south of this site.
2. Train speed is likely in the range of 50-60 kph depending on final geometry
3. For daytime (7am – 11 pm) train volumes, they would generally be a train every 5-6 minutes per direction during weekday peak hours (7-9 am, 4-6 pm), with less frequent service during off-peak hours (likely a train every 10-12 minutes). For late evening/early morning time, trains would be every 15 minutes per direction, with no service provided between approximately 2 a.m. and 5:00 a.m. (service hours vary by weekday). There may be some non-revenue train movements during this time period to get trains in place for morning service but we do not have that level of detail yet.
4. The LRT will be elevated through this section, with top of rail approximately 7 m above grade
5. The LRT will be using the Alstom Citadis Spirit vehicle and operate in 2-car trains. There will be no station or other LRT related facilities in this immediate vicinity so the trains themselves should be the only LRT noise source.

Hope the above is of assistance to you.

PC

From: Taylor, Angela [<mailto:Angela.Taylor@ottawa.ca>]
Sent: Wednesday, November 08, 2017 12:05 PM
To: 'Nicholas Tam' <NicholasT@aercoustics.com>
Cc: Croft, Paul <Paul.Croft@parsons.com>; Steacy, Peter <Peter.Steacy@parsons.com>
Subject: RE: LRT Traffic Information

Hi Nicholas, I have copied the study team to action your request. Thanks

Angela

Traffic Data for Huntmar Drive

Project: Proposed Commercial Development - Microtel Inn and Suites by Wyndham
Report ID: 17409.00

Page 1 of 1
Created on: 11/15/2017

X	Y	Intersection	All Motorized Vehicles AADT (24 hour volume)	% Truck	Pedestrians Not Factored	Cyclist Not Factored	Data Collection
349518	5017544.8	CYCLONE TAYLOR BLVD @ HUNTMAR DR	9183.0	0.0	35	21.0	2016-Aug-17

Source: City of Ottawa, "Open Data" database, Resource for 2016 Transportation Intersection Volumes 2016

Original File Name: open-data--intersection-volume-aadt-2016.csv

Original File Location: <http://data.ottawa.ca/dataset/intersection-volume>

Nicholas Tam

To: Harrett, William (MTO)
Cc: Edwards, Dave - Kingston (MTO)
Subject: RE: Traffic Count for Hwy 417

From: Harrett, William (MTO) [mailto:William.Harrett@ontario.ca]

Sent: Thursday, November 9, 2017 9:24 AM

To: Nicholas Tam <NicholasT@aercoustics.com>

Cc: Edwards, Dave - Kingston (MTO) <Dave.Edwards@ontario.ca>

Subject: RE: Traffic Count for Hwy 417

Nicholas,

AADT volume information for provincial highways is available online at the following link. Historical volumes dating back to 1988 are also available to download:

<http://www.rqsa.mto.gov.on.ca/techpubs/TrafficVolumes.nsf/tvweb?OpenForm&Seq=1>

Like all 400 series freeways, the posted speed limit on Hwy 417 is 100 km/h. There are 3 general purpose lanes and 1 HOV lane per direction adjacent to your study area. The percentage of trucks is 10%.

I have also attached hourly traffic volumes for a 7-day period during October 2015. These volumes were recorded 1.2 km west of Terry Fox drive. Feel free to use this information to calculate the day/night split (I am not aware of which parameters you use to determine day vs. night....it does get dark at 5:00 PM in the winter).

Regards,

Bill Harrett

Traffic Supervisor, Area East

Ministry of Transportation - Eastern Region

Engineering Office - Regional Traffic Section

1355 John Counter Blvd. | Kingston | Ontario | K7L 5A3

Tel: 613-540-5181 Cell: 613-532-3874

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Nicholas Tam

To: Harrett, William (MTO)
Subject: RE: Traffic Count for Hwy 417

From: Harrett, William (MTO) [mailto:William.Harrett@ontario.ca]
Sent: Thursday, November 9, 2017 11:48 AM
To: Nicholas Tam <NicholasT@aercoustics.com>
Subject: RE: Traffic Count for Hwy 417

I do not have any survey information readily available, but I can tell you that the grade is relatively flat (<2%) and the ROW width at non-interchange areas is 100 metres.

Bill Harrett

Traffic Supervisor, Area East
Ministry of Transportation - Eastern Region
Engineering Office - Regional Traffic Section
1355 John Counter Blvd. | Kingston | Ontario | K7L 5A3
Tel: 613-540-5181 Cell: 613-532-3874

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From: Nicholas Tam [<mailto:NicholasT@aercoustics.com>]
Sent: November 9, 2017 11:25 AM
To: Harrett, William (MTO)
Cc: Edwards, Dave - Kingston (MTO)
Subject: RE: Traffic Count for Hwy 417

Hi Bill,

A follow up question... Do you know the Grade % and Right of Way (m) for that stretch of the highway?

-Nick



Nicholas Tam, M.A.Sc.
NicholasT@aercoustics.com
Tel: +1-416-249-3361 ext. 3180
Direct: (647) 946-8984
www.aercoustics.com

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Weekly Volume Summary

Tue, Apr 05, 2016

Location: Hwy 417 - 1.2 km West of Terry Fox Dr IC140

LHRS/Offset: 49560 / 0.0

Region: Eastern

Pattern Type: Commuter

PCS#: 90

Hwy. TVIS#: 417220

Count Direction: EB

Report Dates: Sep 30, 2015 **to** Oct 6, 2015

Hour Interval	Wed 15/09/30	Thu 1	Fri 2	Sat 3	Sun 4	Mon 5	Tue 6	Wed 7
0:00- 1:00		121	143	186	195	116	83	102
1:00- 2:00		72	95	128	131	66	57	73
2:00- 3:00		77	68	59	87	63	72	71
3:00- 4:00		106	90	74	50	84	103	101
4:00- 5:00		224	243	96	70	225	216	217
5:00- 6:00		1,217	1,149	248	132	1,279	1,301	1,296
6:00- 7:00		3,732	3,308	530	311	3,497	3,791	3,617
7:00- 8:00		3,770	3,555	763	453	3,335	3,802	3,811
8:00- 9:00		2,830	2,736	1,392	853	2,768	2,879	2,943
9:00-10:00		2,364	2,252	1,651	1,263	2,186	2,282	2,368
10:00-11:00		1,940	2,057	1,914	1,683	1,853	1,820	2,042
11:00-12:00		1,936	2,058	2,157	1,834	1,820	1,835	2,299
AM Total	0	18,389	17,754	9,198	7,062	17,292	18,241	18,940
12:00-13:00	1,934	2,039	1,955	2,200	2,252	1,779	1,843	
13:00-14:00	1,865	1,913	2,074	2,228	2,441	1,689	1,706	
14:00-15:00	1,840	1,798	2,202	2,413	2,533	1,839	1,851	
15:00-16:00	2,038	2,022	2,364	2,264	2,673	2,005	1,996	
16:00-17:00	2,218	2,306	2,446	2,419	2,428	2,147	2,267	
17:00-18:00	2,254	2,367	2,540	2,204	2,171	2,130	2,298	
18:00-19:00	1,636	1,911	1,998	1,770	1,800	1,490	1,702	
19:00-20:00	1,048	1,179	1,321	1,216	1,509	1,034	1,027	
20:00-21:00	771	813	940	1,072	1,155	713	775	
21:00-22:00	600	633	752	2,349	664	564	639	
22:00-23:00	332	394	517	1,295	405	309	358	
23:00-24:00	199	232	378	400	182	165	179	
PM Total	16,735	17,607	19,487	21,830	20,213	15,864	16,641	0
24 Hr. Total	16,735	35,996	37,241	31,028	27,275	33,156	34,882	18,940
Noon - Noon	35,124	35,361	28,685	28,892	37,505	34,105	35,581	



Weekly Volume Summary

Tue, Apr 05, 2016

Location: Hwy 417 - 1.2 km West of Terry Fox Dr IC140

LHRS/Offset: 49560 / 0.0

Region: Eastern

Pattern Type: Commuter

PCS#: 90

Hwy. TVIS#: 417220

Count Direction: WB

Report Dates: Sep 30, 2015 **to** Oct 6, 2015

Hour Interval	Wed 15/09/30	Thu 1	Fri 2	Sat 3	Sun 4	Mon 5	Tue 6	Wed 7
0:00- 1:00		207	269	323	337	140	179	221
1:00- 2:00		105	135	224	200	82	114	118
2:00- 3:00		107	105	163	154	72	82	95
3:00- 4:00		87	76	101	91	88	77	90
4:00- 5:00		137	141	111	63	146	103	136
5:00- 6:00		486	430	184	112	511	440	447
6:00- 7:00		1,349	1,272	452	268	1,320	1,371	1,381
7:00- 8:00		1,769	1,769	888	475	1,631	1,711	1,689
8:00- 9:00		1,673	1,746	1,526	709	1,571	1,606	1,677
9:00-10:00		1,713	1,809	1,905	1,248	1,645	1,568	1,753
10:00-11:00		1,833	1,833	2,325	1,918	1,502	1,506	1,953
11:00-12:00		1,811	1,675	2,605	2,084	1,552	1,656	2,165
AM Total	0	11,277	11,260	10,807	7,659	10,260	10,413	11,725
12:00-13:00	1,918	1,953	1,646	2,632	2,281	1,760	1,873	
13:00-14:00	1,996	2,043	2,303	2,553	2,479	1,592	1,990	
14:00-15:00	2,459	2,506	2,709	2,787	2,311	2,185	2,290	
15:00-16:00	3,397	3,525	3,388	2,381	2,046	3,448	3,344	
16:00-17:00	3,778	3,583	3,660	2,336	1,874	3,841	3,528	
17:00-18:00	3,350	3,189	3,197	2,740	1,623	3,119	3,099	
18:00-19:00	2,399	2,389	2,316	2,943	1,232	1,928	1,917	
19:00-20:00	1,611	1,627	1,554	1,185	1,048	1,298	1,346	
20:00-21:00	1,311	1,231	1,128	952	758	934	1,066	
21:00-22:00	1,068	1,110	1,015	862	530	828	1,003	
22:00-23:00	631	1,008	645	718	350	476	554	
23:00-24:00	376	655	507	516	220	298	616	
PM Total	24,294	24,819	24,068	22,605	16,752	21,707	22,626	0
24 Hr. Total	24,294	36,096	35,328	33,412	24,411	31,967	33,039	11,725
Noon - Noon	35,571	36,079	34,875	30,264	27,012	32,120	34,351	



Weekly Volume Summary

Tue, Apr 05, 2016

Location: Hwy 417 - 1.2 km West of Terry Fox Dr IC140

LHRS/Offset: 49560 / 0.0

Region: Eastern

Pattern Type: Commuter

PCS#: 90

Hwy. TVIS#: 417220

Count Direction: EB/WB

Report Dates: Sep 30, 2015 **to** Oct 6, 2015

Hour Interval	Wed 15/09/30	Thu 1	Fri 2	Sat 3	Sun 4	Mon 5	Tue 6	Wed 7
0:00- 1:00		328	412	509	532	256	262	323
1:00- 2:00		177	230	352	331	148	171	191
2:00- 3:00		184	173	222	241	135	154	166
3:00- 4:00		193	166	175	141	172	180	191
4:00- 5:00		361	384	207	133	371	319	353
5:00- 6:00		1,703	1,579	432	244	1,790	1,741	1,743
6:00- 7:00		5,081	4,580	982	579	4,817	5,162	4,998
7:00- 8:00		5,539	5,324	1,651	928	4,966	5,513	5,500
8:00- 9:00		4,503	4,482	2,918	1,562	4,339	4,485	4,620
9:00-10:00		4,077	4,061	3,556	2,511	3,831	3,850	4,121
10:00-11:00		3,773	3,890	4,239	3,601	3,355	3,326	3,995
11:00-12:00		3,747	3,733	4,762	3,918	3,372	3,491	4,464
AM Total	0	29,666	29,014	20,005	14,721	27,552	28,654	30,665
12:00-13:00	3,852	3,992	3,601	4,832	4,533	3,539	3,716	
13:00-14:00	3,861	3,956	4,377	4,781	4,920	3,281	3,696	
14:00-15:00	4,299	4,304	4,911	5,200	4,844	4,024	4,141	
15:00-16:00	5,435	5,547	5,752	4,645	4,719	5,453	5,340	
16:00-17:00	5,996	5,889	6,106	4,755	4,302	5,988	5,795	
17:00-18:00	5,604	5,556	5,737	4,944	3,794	5,249	5,397	
18:00-19:00	4,035	4,300	4,314	4,713	3,032	3,418	3,619	
19:00-20:00	2,659	2,806	2,875	2,401	2,557	2,332	2,373	
20:00-21:00	2,082	2,044	2,068	2,024	1,913	1,647	1,841	
21:00-22:00	1,668	1,743	1,767	3,211	1,194	1,392	1,642	
22:00-23:00	963	1,402	1,162	2,013	755	785	912	
23:00-24:00	575	887	885	916	402	463	795	
PM Total	41,029	42,426	43,555	44,435	36,965	37,571	39,267	0
24 Hr. Total	41,029	72,092	72,569	64,440	51,686	65,123	67,921	30,665
Noon - Noon	70,695	71,440	63,560	59,156	64,517	66,225	69,932	
	ADT 66,504	AWD 69,573	AADT 63,380	AAWD 66,967	SADT 69,718	SAWDT 74,333	WADT 57,042	DHV 5,958

STAMSON 5.0 NORMAL REPORT Date: 14-11-2017 17:30:04
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r1_13yrs.te Time Period: Day/Night 16/8 hours
Description:

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

Car traffic volume : 11371/989 veh/TimePeriod *
Medium truck volume : 137/12 veh/TimePeriod *
Heavy truck volume : 137/12 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 1 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 12659
Percentage of Annual Growth : 0.00
Number of Years of Growth : 13.00
Medium Truck % of Total Volume : 1.18
Heavy Truck % of Total Volume : 1.18
Day (16 hrs) % of Total Volume : 92.00

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

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 19.00 / 19.00 m
Receiver height : 11.00 / 11.00 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Road data, segment # 2: Hwy 417 WB (day/night)

Car traffic volume : 38961/5822 veh/TimePeriod *
Medium truck volume : 2165/323 veh/TimePeriod *
Heavy truck volume : 2165/323 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 1 %
Road pavement : 1 (Typical asphalt or concrete)

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

```
24 hr Traffic Volume (AADT or SADT): 49759
Percentage of Annual Growth : 0.00
Number of Years of Growth : 13.00
Medium Truck % of Total Volume : 5.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 87.00
```

Data for Segment # 2: Hwy 417 WB (day/night)

```
-----
Angle1 Angle2 : -90.00 deg 0.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 306.00 / 306.00 m
Receiver height : 11.00 / 11.00 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00
```

Road data, segment # 3: Hwy 417 EB (day/night)

```
-----
Car traffic volume : 33048/11611 veh/TimePeriod *
Medium truck volume : 1836/645 veh/TimePeriod *
Heavy truck volume : 1836/645 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 1 %
Road pavement : 1 (Typical asphalt or concrete)
```

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

```
24 hr Traffic Volume (AADT or SADT): 49621
Percentage of Annual Growth : 0.00
Number of Years of Growth : 13.00
Medium Truck % of Total Volume : 5.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 74.00
```

Data for Segment # 3: Hwy 417 EB (day/night)

```
-----
Angle1 Angle2 : -90.00 deg 0.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 345.00 / 345.00 m
Receiver height : 11.00 / 11.00 m
```

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

Results segment # 1: Huntmar (day)

Source height = 1.04 m

ROAD (0.00 + 61.09 + 0.00) = 61.09 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.39	63.48	0.00	-1.43	-0.96	0.00	0.00	0.00	61.09

Segment Leq : 61.09 dBA

Results segment # 2: Hwy 417 WB (day)

Source height = 1.50 m

ROAD (0.00 + 57.21 + 0.00) = 57.21 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.38	79.16	0.00	-18.01	-3.94	0.00	0.00	0.00	57.21

Segment Leq : 57.21 dBA

Results segment # 3: Hwy 417 EB (day)

Source height = 1.50 m

ROAD (0.00 + 55.78 + 0.00) = 55.78 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.38	78.44	0.00	-18.73	-3.94	0.00	0.00	0.00	55.78

Segment Leq : 55.78 dBA

Total Leq All Segments: 63.40 dBA

Results segment # 1: Huntmar (night)

Source height = 1.04 m

ROAD (0.00 + 53.51 + 0.00) = 53.51 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.39	55.89	0.00	-1.43	-0.96	0.00	0.00	0.00	53.51

Segment Leq : 53.51 dBA

Results segment # 2: Hwy 417 WB (night)

Source height = 1.49 m

ROAD (0.00 + 51.96 + 0.00) = 51.96 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.38	73.91	0.00	-18.01	-3.94	0.00	0.00	0.00	51.96

Segment Leq : 51.96 dBA

Results segment # 3: Hwy 417 EB (night)

Source height = 1.50 m

ROAD (0.00 + 54.24 + 0.00) = 54.24 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.38	76.91	0.00	-18.73	-3.94	0.00	0.00	0.00	54.24

Segment Leq : 54.24 dBA

Total Leq All Segments: 58.11 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 63.40
(NIGHT): 58.11

STAMSON 5.0 NORMAL REPORT Date: 15-11-2017 10:02:40
MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r2_13yrs.te Time Period: Day/Night 16/8 hours
Description:

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

Car traffic volume : 11371/989 veh/TimePeriod *
Medium truck volume : 137/12 veh/TimePeriod *
Heavy truck volume : 137/12 veh/TimePeriod *
Posted speed limit : 50 km/h
Road gradient : 1 %
Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 12659
Percentage of Annual Growth : 0.00
Number of Years of Growth : 13.00
Medium Truck % of Total Volume : 1.18
Heavy Truck % of Total Volume : 1.18
Day (16 hrs) % of Total Volume : 92.00

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

Angle1 Angle2 : -90.00 deg 90.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 25.00 / 25.00 m
Receiver height : 11.00 / 11.00 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00

Road data, segment # 2: Hwy 417 WB (day/night)

Car traffic volume : 38961/5822 veh/TimePeriod *
Medium truck volume : 2165/323 veh/TimePeriod *
Heavy truck volume : 2165/323 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 1 %
Road pavement : 1 (Typical asphalt or concrete)

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

```
24 hr Traffic Volume (AADT or SADT): 49759
Percentage of Annual Growth : 0.00
Number of Years of Growth : 13.00
Medium Truck % of Total Volume : 5.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 87.00
```

Data for Segment # 2: Hwy 417 WB (day/night)

```
-----
Angle1 Angle2 : -90.00 deg 0.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 244.00 / 244.00 m
Receiver height : 11.00 / 11.00 m
Topography : 1 (Flat/gentle slope; no barrier)
Reference angle : 0.00
```

Road data, segment # 3: Hwy 417 EB (day/night)

```
-----
Car traffic volume : 33048/11611 veh/TimePeriod *
Medium truck volume : 1836/645 veh/TimePeriod *
Heavy truck volume : 1836/645 veh/TimePeriod *
Posted speed limit : 100 km/h
Road gradient : 0 %
Road pavement : 1 (Typical asphalt or concrete)
```

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

```
24 hr Traffic Volume (AADT or SADT): 49621
Percentage of Annual Growth : 0.00
Number of Years of Growth : 13.00
Medium Truck % of Total Volume : 5.00
Heavy Truck % of Total Volume : 5.00
Day (16 hrs) % of Total Volume : 74.00
```

Data for Segment # 3: Hwy 417 EB (day/night)

```
-----
Angle1 Angle2 : -90.00 deg 0.00 deg
Wood depth : 0 (No woods.)
No of house rows : 0 / 0
Surface : 1 (Absorptive ground surface)
Receiver source distance : 283.00 / 283.00 m
Receiver height : 11.00 / 11.00 m
```

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

Results segment # 1: Huntmar (day)

Source height = 1.04 m

ROAD (0.00 + 59.44 + 0.00) = 59.44 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	90	0.39	63.48	0.00	-3.08	-0.96	0.00	0.00	0.00	59.44

Segment Leq : 59.44 dBA

Results segment # 2: Hwy 417 WB (day)

Source height = 1.50 m

ROAD (0.00 + 58.56 + 0.00) = 58.56 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.38	79.16	0.00	-16.66	-3.94	0.00	0.00	0.00	58.56

Segment Leq : 58.56 dBA

Results segment # 3: Hwy 417 EB (day)

Source height = 1.50 m

ROAD (0.00 + 56.96 + 0.00) = 56.96 dBA

Angle1	Angle2	Alpha	RefLeq	P.Adj	D.Adj	F.Adj	W.Adj	H.Adj	B.Adj	SubLeq
-90	0	0.38	78.44	0.00	-17.54	-3.94	0.00	0.00	0.00	56.96

Segment Leq : 56.96 dBA

Total Leq All Segments: 63.21 dBA

Results segment # 1: Huntmar (night)

Source height = 1.04 m

ROAD (0.00 + 51.86 + 0.00) = 51.86 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90 90 0.39 55.89 0.00 -3.08 -0.96 0.00 0.00 0.00 51.86

Segment Leq : 51.86 dBA

Results segment # 2: Hwy 417 WB (night)

Source height = 1.49 m

ROAD (0.00 + 53.31 + 0.00) = 53.31 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90 0 0.38 73.91 0.00 -16.66 -3.94 0.00 0.00 0.00 53.31

Segment Leq : 53.31 dBA

Results segment # 3: Hwy 417 EB (night)

Source height = 1.50 m

ROAD (0.00 + 55.43 + 0.00) = 55.43 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-90 0 0.38 76.91 0.00 -17.54 -3.94 0.00 0.00 0.00 55.43

Segment Leq : 55.43 dBA

Total Leq All Segments: 58.55 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 63.21
(NIGHT): 58.55

STAMSON 5.0 NORMAL REPORT Date: 14-11-2017 17:37:39
 MINISTRY OF ENVIRONMENT AND ENERGY / NOISE ASSESSMENT

Filename: r3.te Time Period: Day/Night 16/8 hours
 Description:

Rail data, segment # 1: LRT (day/night)

Train Type	! Trains !	Speed !(km/h)	loc !/Train!	Cars! /Train!	Eng type	!Cont weld
1. LRT	! 96.0/39.0	! 60.0	! 1.0	! 2.0	! Elec!	No

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

Angle1	Angle2	:	-21.00 deg	90.00 deg
Wood depth		:	0	(No woods.)
No of house rows		:	0 / 0	
Surface		:	1	(Absorptive ground surface)
Receiver source distance		:	63.10 / 63.10	m
Receiver height		:	11.00 / 11.00	m
Topography		:	0	(Define your own alpha.)
No Whistle		:		
Barrier angle1		:	-21.00 deg	Angle2 : 90.00 deg
Barrier height		:	0.00 m	
Barrier receiver distance		:	10.00 / 10.00	m
Source elevation		:	7.00 m	
Receiver elevation		:	0.00 m	
Barrier elevation		:	0.00 m	
Alpha		:	1.00	
Reference angle		:	0.00	

Results segment # 1: LRT (day)

LOCOMOTIVE (0.00 + 39.48 + 0.00) = 39.48 dBA
 Angle1 Angle2 Alpha RefLeq D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-21	90	1.00	55.60	-12.48	-3.64	0.00	0.00	0.00	39.48
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WHEEL (0.00 + 44.25 + 0.00) = 44.25 dBA
 Angle1 Angle2 Alpha RefLeq D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-21	90	1.00	60.37	-12.48	-3.64	0.00	0.00	0.00	44.25
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Segment Leq : 45.50 dBA

Total Leq All Segments: 45.50 dBA

Results segment # 1: LRT (night)

LOCOMOTIVE (0.00 + 38.58 + 0.00) = 38.58 dBA
 Angle1 Angle2 Alpha RefLeq D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-21	90	1.00	54.70	-12.48	-3.64	0.00	0.00	0.00	38.58
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WHEEL (0.00 + 43.35 + 0.00) = 43.35 dBA
 Angle1 Angle2 Alpha RefLeq D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-21	90	1.00	59.47	-12.48	-3.64	0.00	0.00	0.00	43.35
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Segment Leq : 44.60 dBA

Total Leq All Segments: 44.60 dBA

Road data, segment # 1: Hwy 417 EB (day/night)

Car traffic volume : 33048/11611 veh/TimePeriod *
 Medium truck volume : 1836/645 veh/TimePeriod *
 Heavy truck volume : 1836/645 veh/TimePeriod *
 Posted speed limit : 100 km/h
 Road gradient : 0 %
 Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 49621
 Percentage of Annual Growth : 0.00
 Number of Years of Growth : 13.00
 Medium Truck % of Total Volume : 5.00
 Heavy Truck % of Total Volume : 5.00
 Day (16 hrs) % of Total Volume : 74.00

Data for Segment # 1: Hwy 417 EB (day/night)

Angle1 Angle2 : -21.00 deg 90.00 deg
 Wood depth : 0 (No woods.)
 No of house rows : 0 / 0

Surface : 1 (Absorptive ground surface)
 Receiver source distance : 295.00 / 295.00 m
 Receiver height : 11.00 / 11.00 m
 Topography : 1 (Flat/gentle slope; no barrier)
 Reference angle : 0.00

Road data, segment # 2: Hwy 417 WB (day/night)

Car traffic volume : 38178/5705 veh/TimePeriod *
 Medium truck volume : 2121/317 veh/TimePeriod *
 Heavy truck volume : 2121/317 veh/TimePeriod *
 Posted speed limit : 100 km/h
 Road gradient : 0 %
 Road pavement : 1 (Typical asphalt or concrete)

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

24 hr Traffic Volume (AADT or SADT): 48759
 Percentage of Annual Growth : 0.00
 Number of Years of Growth : 13.00
 Medium Truck % of Total Volume : 5.00
 Heavy Truck % of Total Volume : 5.00
 Day (16 hrs) % of Total Volume : 87.00

Data for Segment # 2: Hwy 417 WB (day/night)

Angle1 Angle2 : -21.00 deg 90.00 deg
 Wood depth : 0 (No woods.)
 No of house rows : 0 / 0
 Surface : 1 (Absorptive ground surface)
 Receiver source distance : 244.00 / 244.00 m
 Receiver height : 11.00 / 11.00 m
 Topography : 1 (Flat/gentle slope; no barrier)
 Reference angle : 0.00

Results segment # 1: Hwy 417 EB (day)

Source height = 1.50 m

ROAD (0.00 + 57.81 + 0.00) = 57.81 dBA

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

-21	90	0.38	78.44	0.00	-17.79	-2.85	0.00	0.00	0.00	57.81
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Segment Leq : 57.81 dBA

Results segment # 2: Hwy 417 WB (day)

Source height = 1.50 m

ROAD (0.00 + 59.57 + 0.00) = 59.57 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-21 90 0.38 79.07 0.00 -16.66 -2.85 0.00 0.00 0.00 59.57

Segment Leq : 59.57 dBA

Total Leq All Segments: 61.79 dBA

Results segment # 1: Hwy 417 EB (night)

Source height = 1.50 m

ROAD (0.00 + 56.27 + 0.00) = 56.27 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-21 90 0.38 76.91 0.00 -17.79 -2.85 0.00 0.00 0.00 56.27

Segment Leq : 56.27 dBA

Results segment # 2: Hwy 417 WB (night)

Source height = 1.50 m

ROAD (0.00 + 54.32 + 0.00) = 54.32 dBA
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-21 90 0.38 73.82 0.00 -16.66 -2.85 0.00 0.00 0.00 54.32

Segment Leq : 54.32 dBA

Total Leq All Segments: 58.41 dBA

TOTAL Leq FROM ALL SOURCES (DAY): 61.89

(NIGHT): 58.59

Appendix C

Stationary Noise Sample Calculations

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S01	OUTLET 1 - CARRIER 10T	10725.0	-1136.4	12.2	0	71	0.0	63	59.1	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	15	
S01	OUTLET 1 - CARRIER 10T	10725.0	-1136.4	12.2	0	74	0.0	125	59.1	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	16	
S01	OUTLET 1 - CARRIER 10T	10725.0	-1136.4	12.2	0	77	0.0	250	59.1	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	17	
S01	OUTLET 1 - CARRIER 10T	10725.0	-1136.4	12.2	0	82	0.0	500	59.1	0.0	-3.0	0.0	0.5	0.0	0.0	-5.7	0.0	19	
S01	OUTLET 1 - CARRIER 10T	10725.0	-1136.4	12.2	0	84	0.0	1000	59.1	0.0	-3.0	0.0	0.9	0.0	0.0	-7.6	0.0	19	
S01	OUTLET 1 - CARRIER 10T	10725.0	-1136.4	12.2	0	79	0.0	2000	59.1	0.0	-3.0	0.0	2.5	0.0	0.0	-9.7	0.0	10	
S02	OUTLET 1 - CARRIER 10T	10719.9	-1136.4	12.2	0	71	0.0	63	59.3	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	15	
S02	OUTLET 1 - CARRIER 10T	10719.9	-1136.4	12.2	0	74	0.0	125	59.3	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	16	
S02	OUTLET 1 - CARRIER 10T	10719.9	-1136.4	12.2	0	77	0.0	250	59.3	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	16	
S02	OUTLET 1 - CARRIER 10T	10719.9	-1136.4	12.2	0	82	0.0	500	59.3	0.0	-3.0	0.0	0.5	0.0	0.0	-5.7	0.0	19	
S02	OUTLET 1 - CARRIER 10T	10719.9	-1136.4	12.2	0	84	0.0	1000	59.3	0.0	-3.0	0.0	1.0	0.0	0.0	-7.6	0.0	19	
S02	OUTLET 1 - CARRIER 10T	10719.9	-1136.4	12.2	0	79	0.0	2000	59.3	0.0	-3.0	0.0	2.5	0.0	0.0	-9.7	0.0	10	
S03	OUTLET 1 - CARRIER 10T	10715.2	-1136.2	12.2	0	71	0.0	63	59.5	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	15	
S03	OUTLET 1 - CARRIER 10T	10715.2	-1136.2	12.2	0	74	0.0	125	59.5	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	16	
S03	OUTLET 1 - CARRIER 10T	10715.2	-1136.2	12.2	0	77	0.0	250	59.5	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	16	
S03	OUTLET 1 - CARRIER 10T	10715.2	-1136.2	12.2	0	82	0.0	500	59.5	0.0	-3.0	0.0	0.5	0.0	0.0	-5.7	0.0	19	
S03	OUTLET 1 - CARRIER 10T	10715.2	-1136.2	12.2	0	84	0.0	1000	59.5	0.0	-3.0	0.0	1.0	0.0	0.0	-7.6	0.0	19	
S03	OUTLET 1 - CARRIER 10T	10715.2	-1136.2	12.2	0	79	0.0	2000	59.5	0.0	-3.0	0.0	2.5	0.0	0.0	-9.7	0.0	10	
S04	OUTLET 1 - CARRIER 10T	10709.2	-1136.1	12.2	0	71	0.0	63	59.6	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	14	
S04	OUTLET 1 - CARRIER 10T	10709.2	-1136.1	12.2	0	74	0.0	125	59.6	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	15	
S04	OUTLET 1 - CARRIER 10T	10709.2	-1136.1	12.2	0	77	0.0	250	59.6	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	16	
S04	OUTLET 1 - CARRIER 10T	10709.2	-1136.1	12.2	0	82	0.0	500	59.6	0.0	-3.0	0.0	0.5	0.0	0.0	-5.7	0.0	19	
S04	OUTLET 1 - CARRIER 10T	10709.2	-1136.1	12.2	0	79	0.0	1000	59.6	0.0	-3.0	0.0	1.0	0.0	0.0	-7.6	0.0	19	
S04	OUTLET 1 - CARRIER 10T	10709.2	-1136.1	12.2	0	84	0.0	2000	59.6	0.0	-3.0	0.0	2.6	0.0	0.0	-9.7	0.0	10	
S05	OUTLET 1 - CARRIER 10T	10701.6	-1135.7	12.2	0	71	0.0	63	59.9	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	14	
S05	OUTLET 1 - CARRIER 10T	10701.6	-1135.7	12.2	0	74	0.0	125	59.9	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	15	
S05	OUTLET 1 - CARRIER 10T	10701.6	-1135.7	12.2	0	77	0.0	250	59.9	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	16	
S05	OUTLET 1 - CARRIER 10T	10701.6	-1135.7	12.2	0	82	0.0	500	59.9	0.0	-3.0	0.0	0.5	0.0	0.0	-5.7	0.0	18	
S05	OUTLET 1 - CARRIER 10T	10701.6	-1135.7	12.2	0	84	0.0	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	-7.6	0.0	18	
S06	OUTLET 1 - CARRIER 10T	10691.1	-1135.6	12.2	0	71	0.0	63	60.2	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	14	
S06	OUTLET 1 - CARRIER 10T	10691.1	-1135.6	12.2	0	74	0.0	125	60.2	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	15	
S06	OUTLET 1 - CARRIER 10T	10691.1	-1135.6	12.2	0	77	0.0	250	60.2	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	15	
S06	OUTLET 1 - CARRIER 10T	10691.1	-1135.6	12.2	0	82	0.0	500	60.2	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	18	
S06	OUTLET 1 - CARRIER 10T	10691.1	-1135.6	12.2	0	84	0.0	1000	60.2	0.0	-3.0	0.0	1.1	0.0	0.0	-7.6	0.0	18	
S07	OUTLET 1 - CARRIER 10T	10682.1	-1135.3	12.2	0	71	0.0	63	60.5	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	14	
S07	OUTLET 1 - CARRIER 10T	10682.1	-1135.3	12.2	0	74	0.0	125	60.5	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	15	
S07	OUTLET 1 - CARRIER 10T	10682.1	-1135.3	12.2	0	77	0.0	250	60.5	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	15	
S07	OUTLET 1 - CARRIER 10T	10682.1	-1135.3	12.2	0	82	0.0	500	60.5	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	18	
S07	OUTLET 1 - CARRIER 10T	10682.1	-1135.3	12.2	0	84	0.0	1000	60.5	0.0	-3.0	0.0	1.1	0.0	0.0	-7.6	0.0	18	
S08	OUTLET 1 - CARRIER 10T	10676.1	-1135.2	12.2	0	71	0.0	63	60.6	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	13	
S08	OUTLET 1 - CARRIER 10T	10676.1	-1135.2	12.2	0	74	0.0	125	60.6	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	14	
S08	OUTLET 1 - CARRIER 10T	10676.1	-1135.2	12.2	0	77	0.0	250	60.6	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	15	
S08	OUTLET 1 - CARRIER 10T	10676.1	-1135.2	12.2	0	82	0.0	500	60.6	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	18	
S08	OUTLET 1 - CARRIER 10T	10676.1	-1135.2	12.2	0	84	0.0	1000	60.6	0.0	-3.0	0.0	1.1	0.0	0.0	-7.6	0.0	18	
S09	OUTLET 1 - CARRIER 10T	10665.4	-1135.0	12.2	0	71	0.0	63	60.9	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	13	
S09	OUTLET 1 - CARRIER 10T	10665.4	-1135.0	12.2	0	74	0.0	125	60.9	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	14	

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S09	OUTLET 1 - CARRIER 10T	10665.4	-1135.0	12.2	0	77	0.0	250	60.9	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	15
S09	OUTLET 1 - CARRIER 10T	10665.4	-1135.0	12.2	0	82	0.0	500	60.9	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-5.7	0.0	17
S09	OUTLET 1 - CARRIER 10T	10665.4	-1135.0	12.2	0	84	0.0	1000	60.9	0.0	-3.0	0.0	1.1	0.0	0.0	0.0	-7.6	0.0	17
S10	OUTLET 1 - CARRIER 10T	10656.4	-1134.9	12.2	0	71	0.0	63	61.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	13
S10	OUTLET 1 - CARRIER 10T	10656.4	-1134.9	12.2	0	74	0.0	125	61.2	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	14
S10	OUTLET 1 - CARRIER 10T	10656.4	-1134.9	12.2	0	77	0.0	250	61.2	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	14
S10	OUTLET 1 - CARRIER 10T	10656.4	-1134.9	12.2	0	82	0.0	500	61.2	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-5.7	0.0	17
S10	OUTLET 1 - CARRIER 10T	10656.4	-1134.9	12.2	0	84	0.0	1000	61.2	0.0	-3.0	0.0	1.2	0.0	0.0	0.0	-7.6	0.0	17
S11	OUTLET 1 - CARRIER 10T	10652.1	-1134.7	12.2	0	71	0.0	63	61.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	13
S11	OUTLET 1 - CARRIER 10T	10652.1	-1134.7	12.2	0	74	0.0	125	61.3	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	14
S11	OUTLET 1 - CARRIER 10T	10652.1	-1134.7	12.2	0	77	0.0	250	61.3	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	14
S11	OUTLET 1 - CARRIER 10T	10652.1	-1134.7	12.2	0	82	0.0	500	61.3	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-5.7	0.0	17
S11	OUTLET 1 - CARRIER 10T	10652.1	-1134.7	12.2	0	84	0.0	1000	61.3	0.0	-3.0	0.0	1.2	0.0	0.0	0.0	-7.6	0.0	17
S12	OUTLET 1 - CARRIER 10T	10642.9	-1133.0	12.2	0	71	0.0	63	61.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	12
S12	OUTLET 1 - CARRIER 10T	10642.9	-1133.0	12.2	0	74	0.0	125	61.5	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	13
S12	OUTLET 1 - CARRIER 10T	10642.9	-1133.0	12.2	0	77	0.0	250	61.5	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	14
S12	OUTLET 1 - CARRIER 10T	10642.9	-1133.0	12.2	0	82	0.0	500	61.5	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-5.7	0.0	17
S12	OUTLET 1 - CARRIER 10T	10642.9	-1133.0	12.2	0	84	0.0	1000	61.5	0.0	-3.0	0.0	1.2	0.0	0.0	0.0	-7.6	0.0	17
S13	OUTLET 1 - CARRIER 10T	10640.6	-1138.7	12.2	0	71	0.0	63	61.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	12
S13	OUTLET 1 - CARRIER 10T	10640.6	-1138.7	12.2	0	74	0.0	125	61.6	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	13
S13	OUTLET 1 - CARRIER 10T	10640.6	-1138.7	12.2	0	77	0.0	250	61.6	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	14
S13	OUTLET 1 - CARRIER 10T	10640.6	-1138.7	12.2	0	82	0.0	500	61.6	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	17
S13	OUTLET 1 - CARRIER 10T	10640.6	-1138.7	12.2	0	84	0.0	1000	61.6	0.0	-3.0	0.0	1.2	0.0	0.0	0.0	-7.6	0.0	16
S14	OUTLET 1 - CARRIER 10T	10627.1	-1134.7	12.2	0	71	0.0	63	61.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	12
S14	OUTLET 1 - CARRIER 10T	10627.1	-1134.7	12.2	0	74	0.0	125	61.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	13
S14	OUTLET 1 - CARRIER 10T	10627.1	-1134.7	12.2	0	77	0.0	250	61.9	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	14
S14	OUTLET 1 - CARRIER 10T	10627.1	-1134.7	12.2	0	82	0.0	500	61.9	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	16
S14	OUTLET 1 - CARRIER 10T	10627.1	-1134.7	12.2	0	84	0.0	1000	61.9	0.0	-3.0	0.0	1.3	0.0	0.0	0.0	-7.6	0.0	16
S15	OUTLET 1 - CARRIER 10T	10618.8	-1134.6	12.2	0	71	0.0	63	62.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	12
S15	OUTLET 1 - CARRIER 10T	10618.8	-1134.6	12.2	0	74	0.0	125	62.1	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	13
S15	OUTLET 1 - CARRIER 10T	10618.8	-1134.6	12.2	0	77	0.0	250	62.1	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S15	OUTLET 1 - CARRIER 10T	10618.8	-1134.6	12.2	0	82	0.0	500	62.1	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	16
S15	OUTLET 1 - CARRIER 10T	10618.8	-1134.6	12.2	0	84	0.0	1000	62.1	0.0	-3.0	0.0	1.3	0.0	0.0	0.0	-7.6	0.0	16
S16	OUTLET 1 - CARRIER 10T	10611.4	-1134.1	12.2	0	71	0.0	63	62.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	12
S16	OUTLET 1 - CARRIER 10T	10611.4	-1134.1	12.2	0	74	0.0	125	62.3	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	13
S16	OUTLET 1 - CARRIER 10T	10611.4	-1134.1	12.2	0	77	0.0	250	62.3	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S16	OUTLET 1 - CARRIER 10T	10611.4	-1134.1	12.2	0	82	0.0	500	62.3	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	16
S16	OUTLET 1 - CARRIER 10T	10611.4	-1134.1	12.2	0	84	0.0	1000	62.3	0.0	-3.0	0.0	1.3	0.0	0.0	0.0	-7.6	0.0	16
S17	OUTLET 2 - CARRIER 10T	10587.2	-1149.0	12.2	0	71	0.0	63	62.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S17	OUTLET 2 - CARRIER 10T	10587.2	-1149.0	12.2	0	74	0.0	125	62.9	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S17	OUTLET 2 - CARRIER 10T	10587.2	-1149.0	12.2	0	77	0.0	250	62.9	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S17	OUTLET 2 - CARRIER 10T	10587.2	-1149.0	12.2	0	82	0.0	500	62.9	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S17	OUTLET 2 - CARRIER 10T	10587.2	-1149.0	12.2	0	84	0.0	1000	62.9	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	-7.6	0.0	15
S18	OUTLET 2 - CARRIER 10T	10582.1	-1148.7	12.2	0	71	0.0	63	63.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S18	OUTLET 2 - CARRIER 10T	10582.1	-1148.7	12.2	0	74	0.0	125	63.0	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S18	OUTLET 2 - CARRIER 10T	10582.1	-1148.7	12.2	0	77	0.0	250	63.0	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S18	OUTLET 2 - CARRIER 10T	10582.1	-1148.7	12.2	0	82	0.0	500	63.0	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S18	OUTLET 2 - CARRIER 10T	10582.1	-1148.7	12.2	0	84	0.0	1000	63.0	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-7.6	0.0	15
S19	OUTLET 2 - CARRIER 10T	10575.2	-1148.5	12.2	0	71	0.0	63	63.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S19	OUTLET 2 - CARRIER 10T	10575.2	-1148.5	12.2	0	74	0.0	125	63.2	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S19	OUTLET 2 - CARRIER 10T	10575.2	-1148.5	12.2	0	77	0.0	250	63.2	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	12
S19	OUTLET 2 - CARRIER 10T	10575.2	-1148.5	12.2	0	82	0.0	500	63.2	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S19	OUTLET 2 - CARRIER 10T	10575.2	-1148.5	12.2	0	84	0.0	1000	63.2	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-7.6	0.0	15
S20	OUTLET 2 - CARRIER 10T	10565.3	-1148.3	12.2	0	71	0.0	63	63.4	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	11
S20	OUTLET 2 - CARRIER 10T	10565.3	-1148.3	12.2	0	74	0.0	125	63.4	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S20	OUTLET 2 - CARRIER 10T	10565.3	-1148.3	12.2	0	77	0.0	250	63.4	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	12
S20	OUTLET 2 - CARRIER 10T	10565.3	-1148.3	12.2	0	82	0.0	500	63.4	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S20	OUTLET 2 - CARRIER 10T	10565.3	-1148.3	12.2	0	84	0.0	1000	63.4	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-7.6	0.0	14
S21	OUTLET 2 - CARRIER 10T	10554.9	-1148.0	12.2	0	71	0.0	63	63.6	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	10
S21	OUTLET 2 - CARRIER 10T	10554.9	-1148.0	12.2	0	74	0.0	125	63.6	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S21	OUTLET 2 - CARRIER 10T	10554.9	-1148.0	12.2	0	77	0.0	250	63.6	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	12
S21	OUTLET 2 - CARRIER 10T	10554.9	-1148.0	12.2	0	82	0.0	500	63.6	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S21	OUTLET 2 - CARRIER 10T	10554.9	-1148.0	12.2	0	84	0.0	1000	63.6	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S22	OUTLET 2 - CARRIER 10T	10548.6	-1147.7	12.2	0	71	0.0	63	63.7	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	10
S22	OUTLET 2 - CARRIER 10T	10548.6	-1147.7	12.2	0	74	0.0	125	63.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S22	OUTLET 2 - CARRIER 10T	10548.6	-1147.7	12.2	0	77	0.0	250	63.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	12
S22	OUTLET 2 - CARRIER 10T	10548.6	-1147.7	12.2	0	82	0.0	500	63.7	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	14
S22	OUTLET 2 - CARRIER 10T	10548.6	-1147.7	12.2	0	84	0.0	1000	63.7	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S23	OUTLET 2 - CARRIER 10T	10539.6	-1147.4	12.2	0	71	0.0	63	63.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	10
S23	OUTLET 2 - CARRIER 10T	10539.6	-1147.4	12.2	0	74	0.0	125	63.9	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S23	OUTLET 2 - CARRIER 10T	10539.6	-1147.4	12.2	0	77	0.0	250	63.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	12
S23	OUTLET 2 - CARRIER 10T	10539.6	-1147.4	12.2	0	82	0.0	500	63.9	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	14
S23	OUTLET 2 - CARRIER 10T	10539.6	-1147.4	12.2	0	84	0.0	1000	63.9	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S24	OUTLET 2 - CARRIER 10T	10530.6	-1147.0	12.2	0	74	0.0	125	64.1	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S24	OUTLET 2 - CARRIER 10T	10530.6	-1147.0	12.2	0	77	0.0	250	64.1	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S24	OUTLET 2 - CARRIER 10T	10530.6	-1147.0	12.2	0	82	0.0	500	64.1	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S24	OUTLET 2 - CARRIER 10T	10530.6	-1147.0	12.2	0	84	0.0	1000	64.1	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S25	OUTLET 2 - CARRIER 10T	10522.8	-1147.0	12.2	0	77	0.0	250	64.2	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S25	OUTLET 2 - CARRIER 10T	10522.8	-1147.0	12.2	0	82	0.0	500	64.2	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S25	OUTLET 2 - CARRIER 10T	10522.8	-1147.0	12.2	0	84	0.0	1000	64.2	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S25	OUTLET 2 - CARRIER 10T	10522.8	-1147.0	12.2	0	88	0.0	125	64.2	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-7.6	0.0	13
S26	OUTLET 2 - CARRIER 10T	10510.7	-1146.5	12.2	0	74	0.0	125	64.4	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10
S26	OUTLET 2 - CARRIER 10T	10510.7	-1146.5	12.2	0	77	0.0	250	64.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S26	OUTLET 2 - CARRIER 10T	10510.7	-1146.5	12.2	0	82	0.0	500	64.4	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S26	OUTLET 2 - CARRIER 10T	10510.7	-1146.5	12.2	0	84	0.0	1000	64.4	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-7.6	0.0	13
S27	OUTLET 2 - CARRIER 10T	10504.6	-1146.5	12.2	0	74	0.0	125	64.5	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10
S27	OUTLET 2 - CARRIER 10T	10504.6	-1146.5	12.2	0	77	0.0	250	64.5	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S27	OUTLET 2 - CARRIER 10T	10504.6	-1146.5	12.2	0	82	0.0	500	64.5	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	13
S27	OUTLET 2 - CARRIER 10T	10504.6	-1146.5	12.2	0	84	0.0	1000	64.5	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-7.6	0.0	13
S28	OUTLET 2 - CARRIER 10T	10497.4	-1146.2	12.2	0	74	0.0	125	64.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S28	OUTLET 2 - CARRIER 10T	10497.4	-1146.2	12.2	0	77	0.0	250	64.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S28	OUTLET 2 - CARRIER 10T	10497.4	-1146.2	12.2	0	82	0.0	500	64.7	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	13
S28	OUTLET 2 - CARRIER 10T	10497.4	-1146.2	12.2	0	84	0.0	1000	64.7	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-7.6	0.0	13
S29	OUTLET 2 - CARRIER 10T	10487.8	-1145.8	12.2	0	74	0.0	125	64.8	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10
S29	OUTLET 2 - CARRIER 10T	10487.8	-1145.8	12.2	0	77	0.0	250	64.8	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S29	OUTLET 2 - CARRIER 10T	10487.8	-1145.8	12.2	0	82	0.0	500	64.8	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	13
S29	OUTLET 2 - CARRIER 10T	10487.8	-1145.8	12.2	0	84	0.0	1000	64.8	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-7.6	0.0	13
S67	OUTLET 3 - CARRIER 10T	10599.5	-1100.3	12.2	0	71	0.0	63	62.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S67	OUTLET 3 - CARRIER 10T	10599.5	-1100.3	12.2	0	74	0.0	125	62.6	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S67	OUTLET 3 - CARRIER 10T	10599.5	-1100.3	12.2	0	77	0.0	250	62.6	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S67	OUTLET 3 - CARRIER 10T	10599.5	-1100.3	12.2	0	82	0.0	500	62.6	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	16
S67	OUTLET 3 - CARRIER 10T	10599.5	-1100.3	12.2	0	84	0.0	1000	62.6	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	-7.6	0.0	15
S68	OUTLET 3 - CARRIER 10T	10599.6	-1091.0	12.2	0	71	0.0	63	62.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S68	OUTLET 3 - CARRIER 10T	10599.6	-1091.0	12.2	0	74	0.0	125	62.6	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S68	OUTLET 3 - CARRIER 10T	10599.6	-1091.0	12.2	0	77	0.0	250	62.6	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S68	OUTLET 3 - CARRIER 10T	10599.6	-1091.0	12.2	0	82	0.0	500	62.6	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	16
S68	OUTLET 3 - CARRIER 10T	10599.6	-1091.0	12.2	0	84	0.0	1000	62.6	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	-7.6	0.0	15
S69	OUTLET 3 - CARRIER 10T	10599.7	-1084.4	12.2	0	71	0.0	63	62.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S69	OUTLET 3 - CARRIER 10T	10599.7	-1084.4	12.2	0	74	0.0	125	62.6	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S69	OUTLET 3 - CARRIER 10T	10599.7	-1084.4	12.2	0	77	0.0	250	62.6	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S69	OUTLET 3 - CARRIER 10T	10599.7	-1084.4	12.2	0	82	0.0	500	62.6	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	16
S69	OUTLET 3 - CARRIER 10T	10599.7	-1084.4	12.2	0	84	0.0	1000	62.6	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	-7.6	0.0	15
S70	OUTLET 3 - CARRIER 10T	10600.0	-1075.5	12.2	0	71	0.0	63	62.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S70	OUTLET 3 - CARRIER 10T	10600.0	-1075.5	12.2	0	74	0.0	125	62.6	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S70	OUTLET 3 - CARRIER 10T	10600.0	-1075.5	12.2	0	77	0.0	250	62.6	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S70	OUTLET 3 - CARRIER 10T	10600.0	-1075.5	12.2	0	82	0.0	500	62.6	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	16
S70	OUTLET 3 - CARRIER 10T	10600.0	-1075.5	12.2	0	84	0.0	1000	62.6	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	-7.6	0.0	15
S66	OUTLET 3 - CARRIER 10T	10592.3	-1111.1	12.2	0	71	0.0	63	62.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S66	OUTLET 3 - CARRIER 10T	10592.3	-1111.1	12.2	0	74	0.0	125	62.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S66	OUTLET 3 - CARRIER 10T	10592.3	-1111.1	12.2	0	77	0.0	250	62.7	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S66	OUTLET 3 - CARRIER 10T	10592.3	-1111.1	12.2	0	82	0.0	500	62.7	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	15
S66	OUTLET 3 - CARRIER 10T	10592.3	-1111.1	12.2	0	84	0.0	1000	62.7	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	-7.6	0.0	15
S71	OUTLET 3 - CARRIER 10T	10593.1	-1075.2	12.2	0	71	0.0	63	62.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S71	OUTLET 3 - CARRIER 10T	10593.1	-1075.2	12.2	0	74	0.0	125	62.8	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S71	OUTLET 3 - CARRIER 10T	10593.1	-1075.2	12.2	0	77	0.0	250	62.8	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S71	OUTLET 3 - CARRIER 10T	10593.1	-1075.2	12.2	0	82	0.0	500	62.8	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	15
S71	OUTLET 3 - CARRIER 10T	10593.1	-1075.2	12.2	0	84	0.0	1000	62.8	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	-7.6	0.0	15
S65	OUTLET 3 - CARRIER 10T	10581.5	-1103.7	12.2	0	71	0.0	63	63.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S65	OUTLET 3 - CARRIER 10T	10581.5	-1103.7	12.2	0	74	0.0	125	63.0	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S65	OUTLET 3 - CARRIER 10T	10581.5	-1103.7	12.2	0	77	0.0	250	63.0	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S65	OUTLET 3 - CARRIER 10T	10581.5	-1103.7	12.2	0	82	0.0	500	63.0	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S65	OUTLET 3 - CARRIER 10T	10581.5	-1103.7	12.2	0	84	0.0	1000	63.0	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-7.6	0.0	15
S64	OUTLET 3 - CARRIER 10T	10580.5	-1088.3	12.2	0	71	0.0	63	63.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S64	OUTLET 3 - CARRIER 10T	10580.5	-1088.3	12.2	0	74	0.0	125	63.0	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S64	OUTLET 3 - CARRIER 10T	10580.5	-1088.3	12.2	0	77	0.0	250	63.0	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S64	OUTLET 3 - CARRIER 10T	10580.5	-1088.3	12.2	0	82	0.0	500	63.0	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S64	OUTLET 3 - CARRIER 10T	10580.5	-1088.3	12.2	0	84	0.0	1000	63.0	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-7.6	0.0	15
S63	OUTLET 3 - CARRIER 10T	10581.0	-1074.6	12.2	0	71	0.0	63	63.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S63	OUTLET 3 - CARRIER 10T	10581.0	-1074.6	12.2	0	74	0.0	125	63.0	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S63	OUTLET 3 - CARRIER 10T	10581.0	-1074.6	12.2	0	77	0.0	250	63.0	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S63	OUTLET 3 - CARRIER 10T	10581.0	-1074.6	12.2	0	82	0.0	500	63.0	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S63	OUTLET 3 - CARRIER 10T	10581.0	-1074.6	12.2	0	84	0.0	1000	63.0	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-7.6	0.0	15
S60	OUTLET 3 - CARRIER 10T	10569.5	-1103.8	12.2	0	71	0.0	63	63.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S60	OUTLET 3 - CARRIER 10T	10569.5	-1103.8	12.2	0	74	0.0	125	63.2	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S60	OUTLET 3 - CARRIER 10T	10569.5	-1103.8	12.2	0	77	0.0	250	63.2	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	12
S60	OUTLET 3 - CARRIER 10T	10569.5	-1103.8	12.2	0	82	0.0	500	63.2	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S60	OUTLET 3 - CARRIER 10T	10569.5	-1103.8	12.2	0	84	0.0	1000	63.2	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-7.6	0.0	15
S61	OUTLET 3 - CARRIER 10T	10569.7	-1088.0	12.2	0	71	0.0	63	63.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S61	OUTLET 3 - CARRIER 10T	10569.7	-1088.0	12.2	0	74	0.0	125	63.3	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S61	OUTLET 3 - CARRIER 10T	10569.7	-1088.0	12.2	0	77	0.0	250	63.3	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	12
S61	OUTLET 3 - CARRIER 10T	10569.7	-1088.0	12.2	0	82	0.0	500	63.3	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S61	OUTLET 3 - CARRIER 10T	10569.7	-1088.0	12.2	0	84	0.0	1000	63.3	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-7.6	0.0	15
S62	OUTLET 3 - CARRIER 10T	10570.3	-1074.6	12.2	0	71	0.0	63	63.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S62	OUTLET 3 - CARRIER 10T	10570.3	-1074.6	12.2	0	74	0.0	125	63.3	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S62	OUTLET 3 - CARRIER 10T	10570.3	-1074.6	12.2	0	77	0.0	250	63.3	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	12
S62	OUTLET 3 - CARRIER 10T	10570.3	-1074.6	12.2	0	82	0.0	500	63.3	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S62	OUTLET 3 - CARRIER 10T	10570.3	-1074.6	12.2	0	84	0.0	1000	63.3	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-7.6	0.0	15
S59	OUTLET 3 - CARRIER 10T	10558.4	-1083.5	12.2	0	71	0.0	63	63.5	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	11
S59	OUTLET 3 - CARRIER 10T	10558.4	-1083.5	12.2	0	74	0.0	125	63.5	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S59	OUTLET 3 - CARRIER 10T	10558.4	-1083.5	12.2	0	77	0.0	250	63.5	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	12
S59	OUTLET 3 - CARRIER 10T	10558.4	-1083.5	12.2	0	82	0.0	500	63.5	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S59	OUTLET 3 - CARRIER 10T	10558.4	-1083.5	12.2	0	84	0.0	1000	63.5	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-7.6	0.0	14
S58	OUTLET 3 - CARRIER 10T	10555.8	-1103.3	12.2	0	71	0.0	63	63.5	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	10
S58	OUTLET 3 - CARRIER 10T	10555.8	-1103.3	12.2	0	74	0.0	125	63.5	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S58	OUTLET 3 - CARRIER 10T	10555.8	-1103.3	12.2	0	77	0.0	250	63.5	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	12
S58	OUTLET 3 - CARRIER 10T	10555.8	-1103.3	12.2	0	82	0.0	500	63.5	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S58	OUTLET 3 - CARRIER 10T	10555.8	-1103.3	12.2	0	84	0.0	1000	63.5	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-7.6	0.0	14
S56	OUTLET 3 - CARRIER 10T	10549.6	-1083.1	12.2	0	71	0.0	63	63.7	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	10
S56	OUTLET 3 - CARRIER 10T	10549.6	-1083.1	12.2	0	74	0.0	125	63.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S56	OUTLET 3 - CARRIER 10T	10549.6	-1083.1	12.2	0	77	0.0	250	63.7	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	12
S56	OUTLET 3 - CARRIER 10T	10549.6	-1083.1	12.2	0	82	0.0	500	63.7	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	14
S56	OUTLET 3 - CARRIER 10T	10549.6	-1083.1	12.2	0	84	0.0	1000	63.7	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S57	OUTLET 3 - CARRIER 10T	10545.3	-1110.1	12.2	0	71	0.0	63	63.7	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	10
S57	OUTLET 3 - CARRIER 10T	10545.3	-1110.1	12.2	0	74	0.0	125	63.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S57	OUTLET 3 - CARRIER 10T	10545.3	-1110.1	12.2	0	77	0.0	250	63.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	12
S57	OUTLET 3 - CARRIER 10T	10545.3	-1110.1	12.2	0	82	0.0	500	63.7	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	14
S57	OUTLET 3 - CARRIER 10T	10545.3	-1110.1	12.2	0	84	0.0	1000	63.7	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S53	OUTLET 3 - CARRIER 10T	10539.0	-1100.2	12.2	0	71	0.0	63	63.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	10
S53	OUTLET 3 - CARRIER 10T	10539.0	-1100.2	12.2	0	74	0.0	125	63.9	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S53	OUTLET 3 - CARRIER 10T	10539.0	-1100.2	12.2	0	77	0.0	250	63.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	12

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S53	OUTLET 3 - CARRIER 10T	10539.0	-1100.2	12.2	0	82	0.0	500	63.9	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	14
S53	OUTLET 3 - CARRIER 10T	10539.0	-1100.2	12.2	0	84	0.0	1000	63.9	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S55	OUTLET 3 - CARRIER 10T	10539.2	-1073.4	12.2	0	71	0.0	63	63.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	10
S55	OUTLET 3 - CARRIER 10T	10539.2	-1073.4	12.2	0	74	0.0	125	63.9	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S55	OUTLET 3 - CARRIER 10T	10539.2	-1073.4	12.2	0	77	0.0	250	63.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	12
S55	OUTLET 3 - CARRIER 10T	10539.2	-1073.4	12.2	0	82	0.0	500	63.9	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S55	OUTLET 3 - CARRIER 10T	10539.2	-1073.4	12.2	0	84	0.0	1000	63.9	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S54	OUTLET 3 - CARRIER 10T	10535.2	-1086.1	12.2	0	71	0.0	63	64.0	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	10
S54	OUTLET 3 - CARRIER 10T	10535.2	-1086.1	12.2	0	74	0.0	125	64.0	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S54	OUTLET 3 - CARRIER 10T	10535.2	-1086.1	12.2	0	77	0.0	250	64.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	12
S54	OUTLET 3 - CARRIER 10T	10535.2	-1086.1	12.2	0	82	0.0	500	64.0	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S54	OUTLET 3 - CARRIER 10T	10535.2	-1086.1	12.2	0	84	0.0	1000	64.0	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S52	OUTLET 3 - CARRIER 10T	10531.3	-1103.0	12.2	0	74	0.0	125	64.0	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S52	OUTLET 3 - CARRIER 10T	10531.3	-1103.0	12.2	0	77	0.0	250	64.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	12
S52	OUTLET 3 - CARRIER 10T	10531.3	-1103.0	12.2	0	82	0.0	500	64.0	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S52	OUTLET 3 - CARRIER 10T	10531.3	-1103.0	12.2	0	84	0.0	1000	64.0	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S51	OUTLET 3 - CARRIER 10T	10528.7	-1082.6	12.2	0	74	0.0	125	64.1	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S51	OUTLET 3 - CARRIER 10T	10528.7	-1082.6	12.2	0	77	0.0	250	64.1	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S51	OUTLET 3 - CARRIER 10T	10528.7	-1082.6	12.2	0	82	0.0	500	64.1	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S51	OUTLET 3 - CARRIER 10T	10528.7	-1082.6	12.2	0	84	0.0	1000	64.1	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-7.6	0.0	14
S50	OUTLET 3 - CARRIER 10T	10525.0	-1102.9	12.2	0	74	0.0	125	64.1	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S50	OUTLET 3 - CARRIER 10T	10525.0	-1102.9	12.2	0	77	0.0	250	64.1	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S50	OUTLET 3 - CARRIER 10T	10525.0	-1102.9	12.2	0	82	0.0	500	64.1	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S50	OUTLET 3 - CARRIER 10T	10525.0	-1102.9	12.2	0	84	0.0	1000	64.1	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-7.6	0.0	14
S48	OUTLET 3 - CARRIER 10T	10519.0	-1082.5	12.2	0	74	0.0	125	64.3	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S48	OUTLET 3 - CARRIER 10T	10519.0	-1082.5	12.2	0	77	0.0	250	64.3	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S48	OUTLET 3 - CARRIER 10T	10519.0	-1082.5	12.2	0	82	0.0	500	64.3	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S48	OUTLET 3 - CARRIER 10T	10519.0	-1082.5	12.2	0	84	0.0	1000	64.3	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-7.6	0.0	13
S49	OUTLET 3 - CARRIER 10T	10517.9	-1103.0	12.2	0	74	0.0	125	64.3	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S49	OUTLET 3 - CARRIER 10T	10517.9	-1103.0	12.2	0	77	0.0	250	64.3	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S49	OUTLET 3 - CARRIER 10T	10517.9	-1103.0	12.2	0	82	0.0	500	64.3	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S49	OUTLET 3 - CARRIER 10T	10517.9	-1103.0	12.2	0	84	0.0	1000	64.3	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-7.6	0.0	14
S47	OUTLET 3 - CARRIER 10T	10517.5	-1082.4	12.2	0	74	0.0	125	64.4	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-2.2	0.0	11
S47	OUTLET 3 - CARRIER 10T	10517.5	-1082.4	12.2	0	77	0.0	250	64.4	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-4.2	0.0	11
S47	OUTLET 3 - CARRIER 10T	10517.5	-1082.4	12.2	0	82	0.0	500	64.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	11
S47	OUTLET 3 - CARRIER 10T	10517.5	-1082.4	12.2	0	84	0.0	1000	64.4	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-7.6	0.0	13
S47	OUTLET 3 - CARRIER 10T	10513.5	-1082.4	12.2	0	74	0.0	125	64.4	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-2.2	0.0	11
S47	OUTLET 3 - CARRIER 10T	10513.5	-1082.4	12.2	0	77	0.0	250	64.4	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-4.2	0.0	11
S47	OUTLET 3 - CARRIER 10T	10513.5	-1082.4	12.2	0	82	0.0	500	64.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	11
S47	OUTLET 3 - CARRIER 10T	10513.5	-1082.4	12.2	0	84	0.0	1000	64.4	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-7.6	0.0	13
S46	OUTLET 3 - CARRIER 10T	10512.3	-1102.9	12.2	0	74	0.0	125	64.4	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S46	OUTLET 3 - CARRIER 10T	10512.3	-1102.9	12.2	0	77	0.0	250	64.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S46	OUTLET 3 - CARRIER 10T	10512.3	-1102.9	12.2	0	82	0.0	500	64.4	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S46	OUTLET 3 - CARRIER 10T	10512.3	-1102.9	12.2	0	84	0.0	1000	64.4	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-7.6	0.0	13
S45	OUTLET 3 - CARRIER 10T	10505.3	-1102.7	12.2	0	74	0.0	125	64.5	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10
S45	OUTLET 3 - CARRIER 10T	10505.3	-1102.7	12.2	0	77	0.0	250	64.5	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S45	OUTLET 3 - CARRIER 10T	10505.3	-1102.7	12.2	0	82	0.0	500	64.5	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	13
S45	OUTLET 3 - CARRIER 10T	10505.3	-1102.7	12.2	0	84	0.0	1000	64.5	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-7.6	0.0	13
S44	OUTLET 3 - CARRIER 10T	10503.1	-1082.1	12.2	0	74	0.0	125	64.6	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S44	OUTLET 3 - CARRIER 10T	10503.1	-1082.1	12.2	0	77	0.0	250	64.6	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S44	OUTLET 3 - CARRIER 10T	10503.1	-1082.1	12.2	0	82	0.0	500	64.6	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	13
S44	OUTLET 3 - CARRIER 10T	10503.1	-1082.1	12.2	0	84	0.0	1000	64.6	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-7.6	0.0	13
S42	OUTLET 3 - CARRIER 10T	10493.7	-1096.3	12.2	0	74	0.0	125	64.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10
S42	OUTLET 3 - CARRIER 10T	10493.7	-1096.3	12.2	0	77	0.0	250	64.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S42	OUTLET 3 - CARRIER 10T	10493.7	-1096.3	12.2	0	82	0.0	500	64.7	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	13
S42	OUTLET 3 - CARRIER 10T	10493.7	-1096.3	12.2	0	84	0.0	1000	64.7	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-7.6	0.0	13
S43	OUTLET 3 - CARRIER 10T	10494.4	-1082.4	12.2	0	74	0.0	125	64.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10
S43	OUTLET 3 - CARRIER 10T	10494.4	-1082.4	12.2	0	77	0.0	250	64.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S43	OUTLET 3 - CARRIER 10T	10494.4	-1082.4	12.2	0	82	0.0	500	64.7	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	13
S43	OUTLET 3 - CARRIER 10T	10494.4	-1082.4	12.2	0	84	0.0	1000	64.7	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-7.6	0.0	13
S41	OUTLET 3 - CARRIER 10T	10493.5	-1102.5	12.2	0	74	0.0	125	64.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10
S41	OUTLET 3 - CARRIER 10T	10493.5	-1102.5	12.2	0	77	0.0	250	64.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S41	OUTLET 3 - CARRIER 10T	10493.5	-1102.5	12.2	0	82	0.0	500	64.7	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	13
S41	OUTLET 3 - CARRIER 10T	10493.5	-1102.5	12.2	0	84	0.0	1000	64.7	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-7.6	0.0	13
S40	OUTLET 3 - CARRIER 10T	10493.1	-1110.0	12.2	0	74	0.0	125	64.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10
S40	OUTLET 3 - CARRIER 10T	10493.1	-1110.0	12.2	0	77	0.0	250	64.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S40	OUTLET 3 - CARRIER 10T	10493.1	-1110.0	12.2	0	82	0.0	500	64.7	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	13
S40	OUTLET 3 - CARRIER 10T	10493.1	-1110.0	12.2	0	84	0.0	1000	64.7	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-7.6	0.0	13
S30	OUTLET 3 - CARRIER 10T	10457.3	-1130.7	12.2	0	77	0.0	250	65.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S30	OUTLET 3 - CARRIER 10T	10457.3	-1130.7	12.2	0	82	0.0	500	65.4	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S30	OUTLET 3 - CARRIER 10T	10457.3	-1130.7	12.2	0	84	0.0	1000	65.4	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S36	OUTLET 3 - CARRIER 10T	10456.8	-1093.2	12.2	0	77	0.0	250	65.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S36	OUTLET 3 - CARRIER 10T	10456.8	-1093.2	12.2	0	82	0.0	500	65.4	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S36	OUTLET 3 - CARRIER 10T	10456.8	-1093.2	12.2	0	84	0.0	1000	65.4	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S35	OUTLET 3 - CARRIER 10T	10456.5	-1099.8	12.2	0	77	0.0	250	65.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S35	OUTLET 3 - CARRIER 10T	10456.5	-1099.8	12.2	0	82	0.0	500	65.4	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S35	OUTLET 3 - CARRIER 10T	10456.5	-1099.8	12.2	0	84	0.0	1000	65.4	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S37	OUTLET 3 - CARRIER 10T	10456.8	-1086.1	12.2	0	77	0.0	250	65.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S37	OUTLET 3 - CARRIER 10T	10456.8	-1086.1	12.2	0	82	0.0	500	65.4	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S37	OUTLET 3 - CARRIER 10T	10456.8	-1086.1	12.2	0	84	0.0	1000	65.4	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S38	OUTLET 3 - CARRIER 10T	10457.2	-1077.4	12.2	0	77	0.0	250	65.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S38	OUTLET 3 - CARRIER 10T	10457.2	-1077.4	12.2	0	82	0.0	500	65.4	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S38	OUTLET 3 - CARRIER 10T	10457.2	-1077.4	12.2	0	84	0.0	1000	65.4	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S33	OUTLET 3 - CARRIER 10T	10455.9	-1111.7	12.2	0	77	0.0	250	65.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S33	OUTLET 3 - CARRIER 10T	10455.9	-1111.7	12.2	0	82	0.0	500	65.4	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S33	OUTLET 3 - CARRIER 10T	10455.9	-1111.7	12.2	0	84	0.0	1000	65.4	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S34	OUTLET 3 - CARRIER 10T	10455.8	-1106.4	12.2	0	77	0.0	250	65.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S34	OUTLET 3 - CARRIER 10T	10455.8	-1106.4	12.2	0	82	0.0	500	65.4	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S34	OUTLET 3 - CARRIER 10T	10455.8	-1106.4	12.2	0	84	0.0	1000	65.4	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S32	OUTLET 3 - CARRIER 10T	10455.4	-1116.9	12.2	0	77	0.0	250	65.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S32	OUTLET 3 - CARRIER 10T	10455.4	-1116.9	12.2	0	82	0.0	500	65.4	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S32	OUTLET 3 - CARRIER 10T	10455.4	-1116.9	12.2	0	84	0.0	1000	65.4	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S39	OUTLET 3 - CARRIER 10T	10457.2	-1070.4	12.2	0	77	0.0	250	65.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S39	OUTLET 3 - CARRIER 10T	10457.2	-1070.4	12.2	0	82	0.0	500	65.4	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S39	OUTLET 3 - CARRIER 10T	10457.2	-1070.4	12.2	0	84	0.0	1000	65.4	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S31	OUTLET 3 - CARRIER 10T	10455.1	-1126.9	12.2	0	77	0.0	250	65.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S31	OUTLET 3 - CARRIER 10T	10455.1	-1126.9	12.2	0	82	0.0	500	65.4	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S31	OUTLET 3 - CARRIER 10T	10455.1	-1126.9	12.2	0	84	0.0	1000	65.4	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S104	OUTLET 4 - CARRIER 10T	10753.4	-1099.2	12.2	0	71	0.0	63	58.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	16
S104	OUTLET 4 - CARRIER 10T	10753.4	-1099.2	12.2	0	74	0.0	125	58.1	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	17
S104	OUTLET 4 - CARRIER 10T	10753.4	-1099.2	12.2	0	77	0.0	250	58.1	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-4.2	0.0	18
S104	OUTLET 4 - CARRIER 10T	10753.4	-1099.2	12.2	0	82	0.0	500	58.1	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-5.7	0.0	20
S104	OUTLET 4 - CARRIER 10T	10753.4	-1099.2	12.2	0	84	0.0	1000	58.1	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-7.6	0.0	20
S104	OUTLET 4 - CARRIER 10T	10753.4	-1099.2	12.2	0	79	0.0	2000	58.1	0.0	-3.0	0.0	2.2	0.0	0.0	0.0	-9.7	0.0	12
S103	OUTLET 4 - CARRIER 10T	10753.0	-1107.2	12.2	0	71	0.0	63	58.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	16
S103	OUTLET 4 - CARRIER 10T	10753.0	-1107.2	12.2	0	74	0.0	125	58.1	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	17
S103	OUTLET 4 - CARRIER 10T	10753.0	-1107.2	12.2	0	77	0.0	250	58.1	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-4.2	0.0	18
S103	OUTLET 4 - CARRIER 10T	10753.0	-1107.2	12.2	0	82	0.0	500	58.1	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-5.7	0.0	20
S103	OUTLET 4 - CARRIER 10T	10753.0	-1107.2	12.2	0	84	0.0	1000	58.1	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-7.6	0.0	20
S103	OUTLET 4 - CARRIER 10T	10753.0	-1107.2	12.2	0	79	0.0	2000	58.1	0.0	-3.0	0.0	2.2	0.0	0.0	0.0	-9.7	0.0	12
S105	OUTLET 4 - CARRIER 10T	10753.4	-1093.7	12.2	0	71	0.0	63	58.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	16
S105	OUTLET 4 - CARRIER 10T	10753.4	-1093.7	12.2	0	74	0.0	125	58.1	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	17
S105	OUTLET 4 - CARRIER 10T	10753.4	-1093.7	12.2	0	77	0.0	250	58.1	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-4.2	0.0	18
S105	OUTLET 4 - CARRIER 10T	10753.4	-1093.7	12.2	0	82	0.0	500	58.1	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-5.7	0.0	20
S105	OUTLET 4 - CARRIER 10T	10753.4	-1093.7	12.2	0	84	0.0	1000	58.1	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-7.6	0.0	20
S105	OUTLET 4 - CARRIER 10T	10753.4	-1093.7	12.2	0	79	0.0	2000	58.1	0.0	-3.0	0.0	2.2	0.0	0.0	0.0	-9.7	0.0	12
S105	OUTLET 4 - CARRIER 10T	10753.4	-1093.7	12.2	0	79	0.0	2000	58.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-9.7	0.0	12
S106	OUTLET 4 - CARRIER 10T	10753.9	-1086.6	12.2	0	71	0.0	63	58.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	16
S106	OUTLET 4 - CARRIER 10T	10753.9	-1086.6	12.2	0	74	0.0	125	58.1	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	17
S106	OUTLET 4 - CARRIER 10T	10753.9	-1086.6	12.2	0	77	0.0	250	58.1	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-4.2	0.0	18
S106	OUTLET 4 - CARRIER 10T	10753.9	-1086.6	12.2	0	82	0.0	500	58.1	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-5.7	0.0	20
S106	OUTLET 4 - CARRIER 10T	10753.9	-1086.6	12.2	0	82	0.0	500	58.1	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-5.7	0.0	20
S106	OUTLET 4 - CARRIER 10T	10753.9	-1086.6	12.2	0	84	0.0	1000	58.1	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-7.6	0.0	20
S106	OUTLET 4 - CARRIER 10T	10753.9	-1086.6	12.2	0	84	0.0	1000	58.1	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-7.6	0.0	20
S106	OUTLET 4 - CARRIER 10T	10753.9	-1086.6	12.2	0	79	0.0	2000	58.1	0.0	-3.0	0.0	2.2	0.0	0.0	0.0	-9.7	0.0	12
S107	OUTLET 4 - CARRIER 10T	10754.5	-1073.8	12.2	0	71	0.0	63	58.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	16
S107	OUTLET 4 - CARRIER 10T	10754.5	-1073.8	12.2	0	74	0.0	125	58.2	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	17
S107	OUTLET 4 - CARRIER 10T	10754.5	-1073.8	12.2	0	77	0.0	250	58.2	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-4.2	0.0	18
S107	OUTLET 4 - CARRIER 10T	10754.5	-1073.8	12.2	0	82	0.0	500	58.2	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-5.7	0.0	20
S107	OUTLET 4 - CARRIER 10T	10754.5	-1073.8	12.2	0	84	0.0	1000	58.2	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-7.6	0.0	20
S107	OUTLET 4 - CARRIER 10T	10754.5	-1073.8	12.2	0	79	0.0	2000	58.2	0.0	-3.0	0.0	2.2	0.0	0.0	0.0	-9.7	0.0	12
S108	OUTLET 4 - CARRIER 10T	10754.5	-1066.7	12.2	0	71	0.0	63	58.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	16
S108	OUTLET 4 - CARRIER 10T	10754.5	-1066.7	12.2	0	74	0.0	125	58.2	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	17
S108	OUTLET 4 - CARRIER 10T	10754.5	-1066.7	12.2	0	77	0.0	250	58.2	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-4.2	0.0	18
S108	OUTLET 4 - CARRIER 10T	10754.5	-1066.7	12.2	0	82	0.0	500	58.2	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-5.7	0.0	20
S108	OUTLET 4 - CARRIER 10T	10754.5	-1066.7	12.2	0	84	0.0	1000	58.2	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-7.6	0.0	20
S108	OUTLET 4 - CARRIER 10T	10754.5	-1066.7	12.2	0	79	0.0	2000	58.2	0.0	-3.0	0.0	2.2	0.0	0.0	0.0	-9.7	0.0	12
S97	OUTLET 4 - CARRIER 10T	10723.2	-1098.3	12.2	0	71	0.0	63	59.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	15
S97	OUTLET 4 - CARRIER 10T	10723.2	-1098.3	12.2	0	74	0.0	125	59.2	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	16
S97	OUTLET 4 - CARRIER 10T	10723.2	-1098.3	12.2	0	77	0.0	250	59.2	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	17
S97	OUTLET 4 - CARRIER 10T	10723.2	-1098.3	12.2	0	82	0.0	500	59.2	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S97	OUTLET 4 - CARRIER 10T	10723.2	-1098.3	12.2	0	84	0.0	1000	59.2	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-7.6	0.0	19

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S97	OUTLET 4 - CARRIER 10T	10723.2	-1098.3	12.2	0	79	0.0	2000	59.2	0.0	-3.0	0.0	2.5	0.0	0.0	0.0	-9.7	0.0	10
S100	OUTLET 4 - CARRIER 10T	10726.0	-1068.5	12.2	0	71	0.0	63	59.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	15
S100	OUTLET 4 - CARRIER 10T	10726.0	-1068.5	12.2	0	74	0.0	125	59.2	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	16
S100	OUTLET 4 - CARRIER 10T	10726.0	-1068.5	12.2	0	77	0.0	250	59.2	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	17
S100	OUTLET 4 - CARRIER 10T	10726.0	-1068.5	12.2	0	82	0.0	500	59.2	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S100	OUTLET 4 - CARRIER 10T	10726.0	-1068.5	12.2	0	84	0.0	1000	59.2	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-7.6	0.0	19
S100	OUTLET 4 - CARRIER 10T	10726.0	-1068.5	12.2	0	79	0.0	2000	59.2	0.0	-3.0	0.0	2.5	0.0	0.0	0.0	-9.7	0.0	10
S98	OUTLET 4 - CARRIER 10T	10723.3	-1081.9	12.2	0	71	0.0	63	59.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	15
S98	OUTLET 4 - CARRIER 10T	10723.3	-1081.9	12.2	0	74	0.0	125	59.2	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	16
S98	OUTLET 4 - CARRIER 10T	10723.3	-1081.9	12.2	0	77	0.0	250	59.2	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	17
S98	OUTLET 4 - CARRIER 10T	10723.3	-1081.9	12.2	0	82	0.0	500	59.2	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S98	OUTLET 4 - CARRIER 10T	10723.3	-1081.9	12.2	0	84	0.0	1000	59.2	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-7.6	0.0	19
S98	OUTLET 4 - CARRIER 10T	10723.3	-1081.9	12.2	0	79	0.0	2000	59.2	0.0	-3.0	0.0	2.5	0.0	0.0	0.0	-9.7	0.0	10
S99	OUTLET 4 - CARRIER 10T	10723.3	-1076.0	12.2	0	71	0.0	63	59.2	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	15
S99	OUTLET 4 - CARRIER 10T	10723.3	-1076.0	12.2	0	74	0.0	125	59.2	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	16
S99	OUTLET 4 - CARRIER 10T	10723.3	-1076.0	12.2	0	77	0.0	250	59.2	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	16
S99	OUTLET 4 - CARRIER 10T	10723.3	-1076.0	12.2	0	82	0.0	500	59.2	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S99	OUTLET 4 - CARRIER 10T	10723.3	-1076.0	12.2	0	84	0.0	1000	59.2	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-7.6	0.0	19
S99	OUTLET 4 - CARRIER 10T	10723.3	-1076.0	12.2	0	79	0.0	2000	59.2	0.0	-3.0	0.0	2.5	0.0	0.0	0.0	-9.7	0.0	10
S102	OUTLET 4 - CARRIER 10T	10717.1	-1068.5	12.2	0	71	0.0	63	59.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	15
S102	OUTLET 4 - CARRIER 10T	10717.1	-1068.5	12.2	0	74	0.0	125	59.5	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	16
S102	OUTLET 4 - CARRIER 10T	10717.1	-1068.5	12.2	0	77	0.0	250	59.5	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	16
S102	OUTLET 4 - CARRIER 10T	10717.1	-1068.5	12.2	0	82	0.0	500	59.5	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S102	OUTLET 4 - CARRIER 10T	10717.1	-1068.5	12.2	0	84	0.0	1000	59.5	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-7.6	0.0	19
S102	OUTLET 4 - CARRIER 10T	10717.1	-1068.5	12.2	0	79	0.0	2000	59.5	0.0	-3.0	0.0	2.5	0.0	0.0	0.0	-9.7	0.0	10
S96	OUTLET 4 - CARRIER 10T	10712.6	-1097.7	12.2	0	71	0.0	63	59.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	14
S96	OUTLET 4 - CARRIER 10T	10712.6	-1097.7	12.2	0	74	0.0	125	59.5	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	15
S96	OUTLET 4 - CARRIER 10T	10712.6	-1097.7	12.2	0	77	0.0	250	59.5	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	16
S96	OUTLET 4 - CARRIER 10T	10712.6	-1097.7	12.2	0	82	0.0	500	59.5	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S96	OUTLET 4 - CARRIER 10T	10712.6	-1097.7	12.2	0	84	0.0	1000	59.5	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-7.6	0.0	19
S94	OUTLET 4 - CARRIER 10T	10707.0	-1089.5	12.2	0	71	0.0	63	59.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	14
S94	OUTLET 4 - CARRIER 10T	10707.0	-1089.5	12.2	0	74	0.0	125	59.7	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	15
S94	OUTLET 4 - CARRIER 10T	10707.0	-1089.5	12.2	0	77	0.0	250	59.7	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	16
S94	OUTLET 4 - CARRIER 10T	10707.0	-1089.5	12.2	0	82	0.0	500	59.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S94	OUTLET 4 - CARRIER 10T	10707.0	-1089.5	12.2	0	84	0.0	1000	59.7	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-7.6	0.0	19
S95	OUTLET 4 - CARRIER 10T	10706.4	-1071.2	12.2	0	71	0.0	63	59.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	14
S95	OUTLET 4 - CARRIER 10T	10706.4	-1071.2	12.2	0	74	0.0	125	59.8	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	15
S95	OUTLET 4 - CARRIER 10T	10706.4	-1071.2	12.2	0	77	0.0	250	59.8	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	16
S95	OUTLET 4 - CARRIER 10T	10706.4	-1071.2	12.2	0	82	0.0	500	59.8	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S95	OUTLET 4 - CARRIER 10T	10706.4	-1071.2	12.2	0	84	0.0	1000	59.8	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-7.6	0.0	19
S93	OUTLET 4 - CARRIER 10T	10701.9	-1103.5	12.2	0	71	0.0	63	59.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	14
S93	OUTLET 4 - CARRIER 10T	10701.9	-1103.5	12.2	0	74	0.0	125	59.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	15
S93	OUTLET 4 - CARRIER 10T	10701.9	-1103.5	12.2	0	77	0.0	250	59.9	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	16
S93	OUTLET 4 - CARRIER 10T	10701.9	-1103.5	12.2	0	82	0.0	500	59.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S93	OUTLET 4 - CARRIER 10T	10701.9	-1103.5	12.2	0	84	0.0	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-7.6	0.0	18

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S101	OUTLET 4 - CARRIER 10T	10699.7	-1067.7	12.2	0	71	0.0	63	60.0	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	14	
S101	OUTLET 4 - CARRIER 10T	10699.7	-1067.7	12.2	0	74	0.0	125	60.0	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	15	
S101	OUTLET 4 - CARRIER 10T	10699.7	-1067.7	12.2	0	77	0.0	250	60.0	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	16	
S101	OUTLET 4 - CARRIER 10T	10699.7	-1067.7	12.2	0	82	0.0	500	60.0	0.0	-3.0	0.0	0.5	0.0	0.0	-5.7	0.0	18	
S101	OUTLET 4 - CARRIER 10T	10699.7	-1067.7	12.2	0	84	0.0	1000	60.0	0.0	-3.0	0.0	1.0	0.0	0.0	-7.6	0.0	18	
S92	OUTLET 4 - CARRIER 10T	10695.5	-1096.2	12.2	0	71	0.0	63	60.1	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	14	
S92	OUTLET 4 - CARRIER 10T	10695.5	-1096.2	12.2	0	74	0.0	125	60.1	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	15	
S92	OUTLET 4 - CARRIER 10T	10695.5	-1096.2	12.2	0	77	0.0	250	60.1	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	16	
S92	OUTLET 4 - CARRIER 10T	10695.5	-1096.2	12.2	0	82	0.0	500	60.1	0.0	-3.0	0.0	0.5	0.0	0.0	-5.7	0.0	18	
S92	OUTLET 4 - CARRIER 10T	10695.5	-1096.2	12.2	0	84	0.0	1000	60.1	0.0	-3.0	0.0	1.0	0.0	0.0	-7.6	0.0	18	
S91	OUTLET 4 - CARRIER 10T	10692.4	-1079.5	12.2	0	71	0.0	63	60.2	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	14	
S91	OUTLET 4 - CARRIER 10T	10692.4	-1079.5	12.2	0	74	0.0	125	60.2	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	15	
S91	OUTLET 4 - CARRIER 10T	10692.4	-1079.5	12.2	0	77	0.0	250	60.2	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	15	
S91	OUTLET 4 - CARRIER 10T	10692.4	-1079.5	12.2	0	82	0.0	500	60.2	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	18	
S91	OUTLET 4 - CARRIER 10T	10692.4	-1079.5	12.2	0	84	0.0	1000	60.2	0.0	-3.0	0.0	1.1	0.0	0.0	-7.6	0.0	18	
S89	OUTLET 4 - CARRIER 10T	10688.4	-1097.1	12.2	0	71	0.0	63	60.3	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	14	
S89	OUTLET 4 - CARRIER 10T	10688.4	-1097.1	12.2	0	74	0.0	125	60.3	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	15	
S89	OUTLET 4 - CARRIER 10T	10688.4	-1097.1	12.2	0	77	0.0	250	60.3	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	15	
S89	OUTLET 4 - CARRIER 10T	10688.4	-1097.1	12.2	0	82	0.0	500	60.3	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	18	
S89	OUTLET 4 - CARRIER 10T	10688.4	-1097.1	12.2	0	84	0.0	1000	60.3	0.0	-3.0	0.0	1.1	0.0	0.0	-7.6	0.0	18	
S90	OUTLET 4 - CARRIER 10T	10689.5	-1067.8	12.2	0	71	0.0	63	60.3	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	14	
S90	OUTLET 4 - CARRIER 10T	10689.5	-1067.8	12.2	0	74	0.0	125	60.3	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	15	
S90	OUTLET 4 - CARRIER 10T	10689.5	-1067.8	12.2	0	77	0.0	250	60.3	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	15	
S90	OUTLET 4 - CARRIER 10T	10689.5	-1067.8	12.2	0	82	0.0	500	60.3	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	18	
S90	OUTLET 4 - CARRIER 10T	10689.5	-1067.8	12.2	0	84	0.0	1000	60.3	0.0	-3.0	0.0	1.1	0.0	0.0	-7.6	0.0	18	
S88	OUTLET 4 - CARRIER 10T	10680.9	-1070.2	12.2	0	71	0.0	63	60.6	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	13	
S88	OUTLET 4 - CARRIER 10T	10680.9	-1070.2	12.2	0	74	0.0	125	60.6	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	14	
S88	OUTLET 4 - CARRIER 10T	10680.9	-1070.2	12.2	0	77	0.0	250	60.6	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	15	
S88	OUTLET 4 - CARRIER 10T	10680.9	-1070.2	12.2	0	82	0.0	500	60.6	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	18	
S88	OUTLET 4 - CARRIER 10T	10680.9	-1070.2	12.2	0	84	0.0	1000	60.6	0.0	-3.0	0.0	1.1	0.0	0.0	-7.6	0.0	18	
S86	OUTLET 4 - CARRIER 10T	10677.9	-1097.0	12.2	0	71	0.0	63	60.6	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	13	
S86	OUTLET 4 - CARRIER 10T	10677.9	-1097.0	12.2	0	74	0.0	125	60.6	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	14	
S86	OUTLET 4 - CARRIER 10T	10677.9	-1097.0	12.2	0	77	0.0	250	60.6	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	15	
S86	OUTLET 4 - CARRIER 10T	10677.9	-1097.0	12.2	0	82	0.0	500	60.6	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	18	
S86	OUTLET 4 - CARRIER 10T	10677.9	-1097.0	12.2	0	84	0.0	1000	60.6	0.0	-3.0	0.0	1.1	0.0	0.0	-7.6	0.0	18	
S87	OUTLET 4 - CARRIER 10T	10673.2	-1070.3	12.2	0	71	0.0	63	60.8	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	13	
S87	OUTLET 4 - CARRIER 10T	10673.2	-1070.3	12.2	0	74	0.0	125	60.8	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	14	
S87	OUTLET 4 - CARRIER 10T	10673.2	-1070.3	12.2	0	77	0.0	250	60.8	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	15	
S87	OUTLET 4 - CARRIER 10T	10673.2	-1070.3	12.2	0	82	0.0	500	60.8	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	18	
S87	OUTLET 4 - CARRIER 10T	10673.2	-1070.3	12.2	0	84	0.0	1000	60.8	0.0	-3.0	0.0	1.1	0.0	0.0	-7.6	0.0	17	
S85	OUTLET 4 - CARRIER 10T	10669.2	-1096.3	12.2	0	71	0.0	63	60.8	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	13	
S85	OUTLET 4 - CARRIER 10T	10669.2	-1096.3	12.2	0	74	0.0	125	60.8	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	14	
S85	OUTLET 4 - CARRIER 10T	10669.2	-1096.3	12.2	0	77	0.0	250	60.8	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	15	
S85	OUTLET 4 - CARRIER 10T	10669.2	-1096.3	12.2	0	82	0.0	500	60.8	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	17	
S85	OUTLET 4 - CARRIER 10T	10669.2	-1096.3	12.2	0	84	0.0	1000	60.8	0.0	-3.0	0.0	1.1	0.0	0.0	-7.6	0.0	17	

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S82	OUTLET 4 - CARRIER 10T	10664.2	-1096.4	12.2	0	71	0.0	63	61.0	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	13	
S82	OUTLET 4 - CARRIER 10T	10664.2	-1096.4	12.2	0	74	0.0	125	61.0	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	14	
S82	OUTLET 4 - CARRIER 10T	10664.2	-1096.4	12.2	0	77	0.0	250	61.0	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	15	
S82	OUTLET 4 - CARRIER 10T	10664.2	-1096.4	12.2	0	82	0.0	500	61.0	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	17	
S82	OUTLET 4 - CARRIER 10T	10664.2	-1096.4	12.2	0	84	0.0	1000	61.0	0.0	-3.0	0.0	1.2	0.0	0.0	-7.6	0.0	17	
S84	OUTLET 4 - CARRIER 10T	10666.5	-1070.1	12.2	0	71	0.0	63	61.0	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	13	
S84	OUTLET 4 - CARRIER 10T	10666.5	-1070.1	12.2	0	74	0.0	125	61.0	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	14	
S84	OUTLET 4 - CARRIER 10T	10666.5	-1070.1	12.2	0	77	0.0	250	61.0	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	15	
S84	OUTLET 4 - CARRIER 10T	10666.5	-1070.1	12.2	0	82	0.0	500	61.0	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	17	
S84	OUTLET 4 - CARRIER 10T	10666.5	-1070.1	12.2	0	84	0.0	1000	61.0	0.0	-3.0	0.0	1.2	0.0	0.0	-7.6	0.0	17	
S83	OUTLET 4 - CARRIER 10T	10661.3	-1070.1	12.2	0	71	0.0	63	61.1	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	13	
S83	OUTLET 4 - CARRIER 10T	10661.3	-1070.1	12.2	0	74	0.0	125	61.1	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	14	
S83	OUTLET 4 - CARRIER 10T	10661.3	-1070.1	12.2	0	77	0.0	250	61.1	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	15	
S83	OUTLET 4 - CARRIER 10T	10661.3	-1070.1	12.2	0	82	0.0	500	61.1	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	17	
S83	OUTLET 4 - CARRIER 10T	10661.3	-1070.1	12.2	0	84	0.0	1000	61.1	0.0	-3.0	0.0	1.2	0.0	0.0	-7.6	0.0	17	
S81	OUTLET 4 - CARRIER 10T	10653.8	-1096.2	12.2	0	71	0.0	63	61.3	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	13	
S81	OUTLET 4 - CARRIER 10T	10653.8	-1096.2	12.2	0	74	0.0	125	61.3	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	14	
S81	OUTLET 4 - CARRIER 10T	10653.8	-1096.2	12.2	0	77	0.0	250	61.3	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	14	
S81	OUTLET 4 - CARRIER 10T	10653.8	-1096.2	12.2	0	82	0.0	500	61.3	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	17	
S81	OUTLET 4 - CARRIER 10T	10653.8	-1096.2	12.2	0	84	0.0	1000	61.3	0.0	-3.0	0.0	1.2	0.0	0.0	-7.6	0.0	17	
S80	OUTLET 4 - CARRIER 10T	10653.4	-1070.1	12.2	0	71	0.0	63	61.3	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	13	
S80	OUTLET 4 - CARRIER 10T	10653.4	-1070.1	12.2	0	74	0.0	125	61.3	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	14	
S80	OUTLET 4 - CARRIER 10T	10653.4	-1070.1	12.2	0	77	0.0	250	61.3	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	14	
S80	OUTLET 4 - CARRIER 10T	10653.4	-1070.1	12.2	0	82	0.0	500	61.3	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	17	
S80	OUTLET 4 - CARRIER 10T	10653.4	-1070.1	12.2	0	84	0.0	1000	61.3	0.0	-3.0	0.0	1.2	0.0	0.0	-7.6	0.0	17	
S74	OUTLET 4 - CARRIER 10T	10644.0	-1102.9	12.2	0	71	0.0	63	61.5	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	13	
S74	OUTLET 4 - CARRIER 10T	10644.0	-1102.9	12.2	0	74	0.0	125	61.5	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	13	
S74	OUTLET 4 - CARRIER 10T	10644.0	-1102.9	12.2	0	77	0.0	250	61.5	0.0	-3.0	0.0	0.3	0.0	0.0	-4.2	0.0	14	
S74	OUTLET 4 - CARRIER 10T	10644.0	-1102.9	12.2	0	82	0.0	500	61.5	0.0	-3.0	0.0	0.6	0.0	0.0	-5.7	0.0	17	
S74	OUTLET 4 - CARRIER 10T	10644.0	-1102.9	12.2	0	84	0.0	1000	61.5	0.0	-3.0	0.0	1.2	0.0	0.0	-7.6	0.0	17	
S76	OUTLET 4 - CARRIER 10T	10640.0	-1086.5	12.2	0	71	0.0	63	61.6	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	12	
S76	OUTLET 4 - CARRIER 10T	10640.0	-1086.5	12.2	0	74	0.0	125	61.6	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	13	
S76	OUTLET 4 - CARRIER 10T	10640.0	-1086.5	12.2	0	77	0.0	250	61.6	0.0	-3.0	0.0	0.4	0.0	0.0	-4.2	0.0	14	
S76	OUTLET 4 - CARRIER 10T	10640.0	-1086.5	12.2	0	82	0.0	500	61.6	0.0	-3.0	0.0	0.7	0.0	0.0	-5.7	0.0	17	
S76	OUTLET 4 - CARRIER 10T	10640.0	-1086.5	12.2	0	84	0.0	1000	61.6	0.0	-3.0	0.0	1.2	0.0	0.0	-7.6	0.0	16	
S77	OUTLET 4 - CARRIER 10T	10640.1	-1080.0	12.2	0	71	0.0	63	61.6	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	12	
S77	OUTLET 4 - CARRIER 10T	10640.1	-1080.0	12.2	0	74	0.0	125	61.6	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	13	
S77	OUTLET 4 - CARRIER 10T	10640.1	-1080.0	12.2	0	77	0.0	250	61.6	0.0	-3.0	0.0	0.4	0.0	0.0	-4.2	0.0	14	
S77	OUTLET 4 - CARRIER 10T	10640.1	-1080.0	12.2	0	82	0.0	500	61.6	0.0	-3.0	0.0	0.7	0.0	0.0	-5.7	0.0	17	
S77	OUTLET 4 - CARRIER 10T	10640.1	-1080.0	12.2	0	84	0.0	1000	61.6	0.0	-3.0	0.0	1.2	0.0	0.0	-7.6	0.0	16	
S75	OUTLET 4 - CARRIER 10T	10638.6	-1092.5	12.2	0	71	0.0	63	61.7	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	12	
S75	OUTLET 4 - CARRIER 10T	10638.6	-1092.5	12.2	0	74	0.0	125	61.7	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	13	
S75	OUTLET 4 - CARRIER 10T	10638.6	-1092.5	12.2	0	77	0.0	250	61.7	0.0	-3.0	0.0	0.4	0.0	0.0	-4.2	0.0	14	
S75	OUTLET 4 - CARRIER 10T	10638.6	-1092.5	12.2	0	82	0.0	500	61.7	0.0	-3.0	0.0	0.7	0.0	0.0	-5.7	0.0	17	
S75	OUTLET 4 - CARRIER 10T	10638.6	-1092.5	12.2	0	84	0.0	1000	61.7	0.0	-3.0	0.0	1.2	0.0	0.0	-7.6	0.0	16	

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S78	OUTLET 4 - CARRIER 10T	10640.2	-1074.0	12.2	0	71	0.0	63	61.7	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	12	
S78	OUTLET 4 - CARRIER 10T	10640.2	-1074.0	12.2	0	74	0.0	125	61.7	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	13	
S78	OUTLET 4 - CARRIER 10T	10640.2	-1074.0	12.2	0	77	0.0	250	61.7	0.0	-3.0	0.0	0.4	0.0	0.0	-4.2	0.0	14	
S78	OUTLET 4 - CARRIER 10T	10640.2	-1074.0	12.2	0	82	0.0	500	61.7	0.0	-3.0	0.0	0.7	0.0	0.0	-5.7	0.0	17	
S78	OUTLET 4 - CARRIER 10T	10640.2	-1074.0	12.2	0	84	0.0	1000	61.7	0.0	-3.0	0.0	1.2	0.0	0.0	-7.6	0.0	16	
S79	OUTLET 4 - CARRIER 10T	10640.0	-1066.7	12.2	0	71	0.0	63	61.7	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	12	
S79	OUTLET 4 - CARRIER 10T	10640.0	-1066.7	12.2	0	74	0.0	125	61.7	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	13	
S79	OUTLET 4 - CARRIER 10T	10640.0	-1066.7	12.2	0	77	0.0	250	61.7	0.0	-3.0	0.0	0.4	0.0	0.0	-4.2	0.0	14	
S79	OUTLET 4 - CARRIER 10T	10640.0	-1066.7	12.2	0	82	0.0	500	61.7	0.0	-3.0	0.0	0.7	0.0	0.0	-5.7	0.0	17	
S79	OUTLET 4 - CARRIER 10T	10640.0	-1066.7	12.2	0	84	0.0	1000	61.7	0.0	-3.0	0.0	1.3	0.0	0.0	-7.6	0.0	16	
S73	OUTLET 4 - CARRIER 10T	10636.5	-1102.9	12.2	0	71	0.0	63	61.7	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	12	
S73	OUTLET 4 - CARRIER 10T	10636.5	-1102.9	12.2	0	74	0.0	125	61.7	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	13	
S73	OUTLET 4 - CARRIER 10T	10636.5	-1102.9	12.2	0	77	0.0	250	61.7	0.0	-3.0	0.0	0.4	0.0	0.0	-4.2	0.0	14	
S73	OUTLET 4 - CARRIER 10T	10636.5	-1102.9	12.2	0	82	0.0	500	61.7	0.0	-3.0	0.0	0.7	0.0	0.0	-5.7	0.0	17	
S73	OUTLET 4 - CARRIER 10T	10636.5	-1102.9	12.2	0	84	0.0	1000	61.7	0.0	-3.0	0.0	1.3	0.0	0.0	-7.6	0.0	16	
S72	OUTLET 4 - CARRIER 10T	10631.5	-1102.4	12.2	0	71	0.0	63	61.8	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	12	
S72	OUTLET 4 - CARRIER 10T	10631.5	-1102.4	12.2	0	74	0.0	125	61.8	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	13	
S72	OUTLET 4 - CARRIER 10T	10631.5	-1102.4	12.2	0	77	0.0	250	61.8	0.0	-3.0	0.0	0.4	0.0	0.0	-4.2	0.0	14	
S72	OUTLET 4 - CARRIER 10T	10631.5	-1102.4	12.2	0	82	0.0	500	61.8	0.0	-3.0	0.0	0.7	0.0	0.0	-5.7	0.0	16	
S72	OUTLET 4 - CARRIER 10T	10631.5	-1102.4	12.2	0	84	0.0	1000	61.8	0.0	-3.0	0.0	1.3	0.0	0.0	-7.6	0.0	16	
S109	OUTLET 5 - CARRIER 10T	10769.3	-1041.4	12.2	0	71	0.0	63	57.9	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	16	
S109	OUTLET 5 - CARRIER 10T	10769.3	-1041.4	12.2	0	74	0.0	125	57.9	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	17	
S109	OUTLET 5 - CARRIER 10T	10769.3	-1041.4	12.2	0	77	0.0	250	57.9	0.0	-3.0	0.0	0.2	0.0	0.0	-4.2	0.0	18	
S109	OUTLET 5 - CARRIER 10T	10769.3	-1041.4	12.2	0	82	0.0	500	57.9	0.0	-3.0	0.0	0.4	0.0	0.0	-5.7	0.0	21	
S109	OUTLET 5 - CARRIER 10T	10769.3	-1041.4	12.2	0	84	0.0	1000	57.9	0.0	-3.0	0.0	0.8	0.0	0.0	-7.6	0.0	21	
S109	OUTLET 5 - CARRIER 10T	10769.3	-1041.4	12.2	0	79	0.0	2000	57.9	0.0	-3.0	0.0	2.1	0.0	0.0	-9.7	0.0	12	
S110	OUTLET 5 - CARRIER 10T	10769.9	-1020.8	12.2	0	71	0.0	63	58.2	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	16	
S110	OUTLET 5 - CARRIER 10T	10769.9	-1020.8	12.2	0	74	0.0	125	58.2	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	17	
S110	OUTLET 5 - CARRIER 10T	10769.9	-1020.8	12.2	0	77	0.0	250	58.2	0.0	-3.0	0.0	0.2	0.0	0.0	-4.2	0.0	18	
S110	OUTLET 5 - CARRIER 10T	10769.9	-1020.8	12.2	0	82	0.0	500	58.2	0.0	-3.0	0.0	0.4	0.0	0.0	-5.7	0.0	20	
S110	OUTLET 5 - CARRIER 10T	10769.9	-1020.8	12.2	0	84	0.0	1000	58.2	0.0	-3.0	0.0	0.8	0.0	0.0	-7.6	0.0	20	
S110	OUTLET 5 - CARRIER 10T	10769.9	-1020.8	12.2	0	79	0.0	2000	58.2	0.0	-3.0	0.0	2.2	0.0	0.0	-9.7	0.0	12	
S112	OUTLET 5 - CARRIER 10T	10758.3	-1040.5	12.2	0	71	0.0	63	58.3	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	16	
S112	OUTLET 5 - CARRIER 10T	10758.3	-1040.5	12.2	0	74	0.0	125	58.3	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	17	
S112	OUTLET 5 - CARRIER 10T	10758.3	-1040.5	12.2	0	77	0.0	250	58.3	0.0	-3.0	0.0	0.2	0.0	0.0	-4.2	0.0	17	
S112	OUTLET 5 - CARRIER 10T	10758.3	-1040.5	12.2	0	82	0.0	500	58.3	0.0	-3.0	0.0	0.4	0.0	0.0	-5.7	0.0	20	
S112	OUTLET 5 - CARRIER 10T	10758.3	-1040.5	12.2	0	84	0.0	1000	58.3	0.0	-3.0	0.0	0.9	0.0	0.0	-7.6	0.0	20	
S112	OUTLET 5 - CARRIER 10T	10758.3	-1040.5	12.2	0	79	0.0	2000	58.3	0.0	-3.0	0.0	2.2	0.0	0.0	-9.7	0.0	12	
S111	OUTLET 5 - CARRIER 10T	10758.9	-1020.8	12.2	0	71	0.0	63	58.6	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	15	
S111	OUTLET 5 - CARRIER 10T	10758.9	-1020.8	12.2	0	74	0.0	125	58.6	0.0	-3.0	0.0	0.1	0.0	0.0	-2.2	0.0	16	
S111	OUTLET 5 - CARRIER 10T	10758.9	-1020.8	12.2	0	77	0.0	250	58.6	0.0	-3.0	0.0	0.2	0.0	0.0	-4.2	0.0	17	
S111	OUTLET 5 - CARRIER 10T	10758.9	-1020.8	12.2	0	82	0.0	500	58.6	0.0	-3.0	0.0	0.5	0.0	0.0	-5.7	0.0	20	
S111	OUTLET 5 - CARRIER 10T	10758.9	-1020.8	12.2	0	84	0.0	1000	58.6	0.0	-3.0	0.0	0.9	0.0	0.0	-7.6	0.0	20	
S111	OUTLET 5 - CARRIER 10T	10758.9	-1020.8	12.2	0	79	0.0	2000	58.6	0.0	-3.0	0.0	2.3	0.0	0.0	-9.7	0.0	11	
S113	OUTLET 5 - CARRIER 10T	10744.7	-1040.4	12.2	0	71	0.0	63	58.8	0.0	-3.0	0.0	0.0	0.0	0.0	-0.4	0.0	15	

Receiver: R01

Project: Microtel Kanata

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Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S113	OUTLET 5 - CARRIER 10T	10744.7	-1040.4	12.2	0	74	0.0	125	58.8	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	16
S113	OUTLET 5 - CARRIER 10T	10744.7	-1040.4	12.2	0	77	0.0	250	58.8	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	17
S113	OUTLET 5 - CARRIER 10T	10744.7	-1040.4	12.2	0	82	0.0	500	58.8	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	20
S113	OUTLET 5 - CARRIER 10T	10744.7	-1040.4	12.2	0	84	0.0	1000	58.8	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-7.6	0.0	20
S113	OUTLET 5 - CARRIER 10T	10744.7	-1040.4	12.2	0	79	0.0	2000	58.8	0.0	-3.0	0.0	2.4	0.0	0.0	0.0	-9.7	0.0	11
S114	OUTLET 5 - CARRIER 10T	10745.3	-1020.6	12.2	0	71	0.0	63	59.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	15
S114	OUTLET 5 - CARRIER 10T	10745.3	-1020.6	12.2	0	74	0.0	125	59.0	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	16
S114	OUTLET 5 - CARRIER 10T	10745.3	-1020.6	12.2	0	77	0.0	250	59.0	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	17
S114	OUTLET 5 - CARRIER 10T	10745.3	-1020.6	12.2	0	82	0.0	500	59.0	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S114	OUTLET 5 - CARRIER 10T	10745.3	-1020.6	12.2	0	84	0.0	1000	59.0	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-7.6	0.0	19
S114	OUTLET 5 - CARRIER 10T	10745.3	-1020.6	12.2	0	79	0.0	2000	59.0	0.0	-3.0	0.0	2.4	0.0	0.0	0.0	-9.7	0.0	11
S116	OUTLET 5 - CARRIER 10T	10731.0	-1039.8	12.2	0	71	0.0	63	59.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	15
S116	OUTLET 5 - CARRIER 10T	10731.0	-1039.8	12.2	0	74	0.0	125	59.3	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	16
S116	OUTLET 5 - CARRIER 10T	10731.0	-1039.8	12.2	0	77	0.0	250	59.3	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	16
S116	OUTLET 5 - CARRIER 10T	10731.0	-1039.8	12.2	0	82	0.0	500	59.3	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S116	OUTLET 5 - CARRIER 10T	10731.0	-1039.8	12.2	0	84	0.0	1000	59.3	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-7.6	0.0	19
S116	OUTLET 5 - CARRIER 10T	10731.0	-1039.8	12.2	0	79	0.0	2000	59.3	0.0	-3.0	0.0	2.5	0.0	0.0	0.0	-9.7	0.0	10
S115	OUTLET 5 - CARRIER 10T	10731.1	-1020.1	12.2	0	71	0.0	63	59.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	15
S115	OUTLET 5 - CARRIER 10T	10731.1	-1020.1	12.2	0	74	0.0	125	59.5	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	16
S115	OUTLET 5 - CARRIER 10T	10731.1	-1020.1	12.2	0	77	0.0	250	59.5	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	16
S115	OUTLET 5 - CARRIER 10T	10731.1	-1020.1	12.2	0	82	0.0	500	59.5	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S115	OUTLET 5 - CARRIER 10T	10731.1	-1020.1	12.2	0	84	0.0	1000	59.5	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-7.6	0.0	19
S115	OUTLET 5 - CARRIER 10T	10731.1	-1020.1	12.2	0	79	0.0	2000	59.5	0.0	-3.0	0.0	2.6	0.0	0.0	0.0	-9.7	0.0	10
S117	OUTLET 5 - CARRIER 10T	10717.4	-1039.5	12.2	0	71	0.0	63	59.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	14
S117	OUTLET 5 - CARRIER 10T	10717.4	-1039.5	12.2	0	74	0.0	125	59.7	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	15
S117	OUTLET 5 - CARRIER 10T	10717.4	-1039.5	12.2	0	77	0.0	250	59.7	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	16
S117	OUTLET 5 - CARRIER 10T	10717.4	-1039.5	12.2	0	82	0.0	500	59.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S117	OUTLET 5 - CARRIER 10T	10717.4	-1039.5	12.2	0	84	0.0	1000	59.7	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-7.6	0.0	19
S117	OUTLET 5 - CARRIER 10T	10717.4	-1039.5	12.2	0	77	0.0	2000	59.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-9.7	0.0	19
S118	OUTLET 5 - CARRIER 10T	10718.2	-1020.0	12.2	0	71	0.0	63	59.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	14
S118	OUTLET 5 - CARRIER 10T	10718.2	-1020.0	12.2	0	74	0.0	125	59.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	15
S118	OUTLET 5 - CARRIER 10T	10718.2	-1020.0	12.2	0	77	0.0	250	59.9	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	16
S118	OUTLET 5 - CARRIER 10T	10718.2	-1020.0	12.2	0	82	0.0	500	59.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-5.7	0.0	19
S118	OUTLET 5 - CARRIER 10T	10718.2	-1020.0	12.2	0	84	0.0	1000	59.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-7.6	0.0	18
S119	OUTLET 5 - CARRIER 10T	10705.1	-1032.9	12.2	0	71	0.0	63	60.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	14
S119	OUTLET 5 - CARRIER 10T	10705.1	-1032.9	12.2	0	74	0.0	125	60.1	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	15
S119	OUTLET 5 - CARRIER 10T	10705.1	-1032.9	12.2	0	77	0.0	250	60.1	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	16
S119	OUTLET 5 - CARRIER 10T	10705.1	-1032.9	12.2	0	82	0.0	500	60.1	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-5.7	0.0	18
S119	OUTLET 5 - CARRIER 10T	10705.1	-1032.9	12.2	0	84	0.0	1000	60.1	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-7.6	0.0	18
S120	OUTLET 5 - CARRIER 10T	10694.3	-1032.9	12.2	0	71	0.0	63	60.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	14
S120	OUTLET 5 - CARRIER 10T	10694.3	-1032.9	12.2	0	74	0.0	125	60.4	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	15
S120	OUTLET 5 - CARRIER 10T	10694.3	-1032.9	12.2	0	77	0.0	250	60.4	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	15
S120	OUTLET 5 - CARRIER 10T	10694.3	-1032.9	12.2	0	82	0.0	500	60.4	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-5.7	0.0	18
S120	OUTLET 5 - CARRIER 10T	10694.3	-1032.9	12.2	0	84	0.0	1000	60.4	0.0	-3.0	0.0	1.1	0.0	0.0	0.0	-7.6	0.0	18
S121	OUTLET 5 - CARRIER 10T	10686.8	-1032.5	12.2	0	71	0.0	63	60.6	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	13
S121	OUTLET 5 - CARRIER 10T	10686.8	-1032.5	12.2	0	74	0.0	125	60.6	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	14

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S121	OUTLET 5 - CARRIER 10T	10686.8	-1032.5	12.2	0	77	0.0	250	60.6	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	15
S121	OUTLET 5 - CARRIER 10T	10686.8	-1032.5	12.2	0	82	0.0	500	60.6	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-5.7	0.0	18
S121	OUTLET 5 - CARRIER 10T	10686.8	-1032.5	12.2	0	84	0.0	1000	60.6	0.0	-3.0	0.0	1.1	0.0	0.0	0.0	-7.6	0.0	18
S122	OUTLET 5 - CARRIER 10T	10677.7	-1032.2	12.2	0	71	0.0	63	60.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	13
S122	OUTLET 5 - CARRIER 10T	10677.7	-1032.2	12.2	0	74	0.0	125	60.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	14
S122	OUTLET 5 - CARRIER 10T	10677.7	-1032.2	12.2	0	77	0.0	250	60.9	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	15
S122	OUTLET 5 - CARRIER 10T	10677.7	-1032.2	12.2	0	82	0.0	500	60.9	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-5.7	0.0	17
S122	OUTLET 5 - CARRIER 10T	10677.7	-1032.2	12.2	0	84	0.0	1000	60.9	0.0	-3.0	0.0	1.1	0.0	0.0	0.0	-7.6	0.0	17
S123	OUTLET 5 - CARRIER 10T	10668.6	-1032.1	12.2	0	71	0.0	63	61.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	13
S123	OUTLET 5 - CARRIER 10T	10668.6	-1032.1	12.2	0	74	0.0	125	61.1	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	14
S123	OUTLET 5 - CARRIER 10T	10668.6	-1032.1	12.2	0	77	0.0	250	61.1	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	15
S123	OUTLET 5 - CARRIER 10T	10668.6	-1032.1	12.2	0	82	0.0	500	61.1	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-5.7	0.0	17
S123	OUTLET 5 - CARRIER 10T	10668.6	-1032.1	12.2	0	84	0.0	1000	61.1	0.0	-3.0	0.0	1.2	0.0	0.0	0.0	-7.6	0.0	17
S124	OUTLET 5 - CARRIER 10T	10661.3	-1031.8	12.2	0	71	0.0	63	61.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	13
S124	OUTLET 5 - CARRIER 10T	10661.3	-1031.8	12.2	0	74	0.0	125	61.3	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	14
S124	OUTLET 5 - CARRIER 10T	10661.3	-1031.8	12.2	0	77	0.0	250	61.3	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	14
S124	OUTLET 5 - CARRIER 10T	10661.3	-1031.8	12.2	0	82	0.0	500	61.3	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-5.7	0.0	17
S124	OUTLET 5 - CARRIER 10T	10661.3	-1031.8	12.2	0	84	0.0	1000	61.3	0.0	-3.0	0.0	1.2	0.0	0.0	0.0	-7.6	0.0	17
S125	OUTLET 5 - CARRIER 10T	10656.1	-1031.6	12.2	0	71	0.0	63	61.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	13
S125	OUTLET 5 - CARRIER 10T	10656.1	-1031.6	12.2	0	74	0.0	125	61.4	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	14
S125	OUTLET 5 - CARRIER 10T	10656.1	-1031.6	12.2	0	77	0.0	250	61.4	0.0	-3.0	0.0	0.3	0.0	0.0	0.0	-4.2	0.0	14
S125	OUTLET 5 - CARRIER 10T	10656.1	-1031.6	12.2	0	82	0.0	500	61.4	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-5.7	0.0	17
S125	OUTLET 5 - CARRIER 10T	10656.1	-1031.6	12.2	0	84	0.0	1000	61.4	0.0	-3.0	0.0	1.2	0.0	0.0	0.0	-7.6	0.0	17
S126	OUTLET 5 - CARRIER 10T	10652.8	-1031.3	12.2	0	71	0.0	63	61.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	12
S126	OUTLET 5 - CARRIER 10T	10652.8	-1031.3	12.2	0	74	0.0	125	61.5	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	13
S126	OUTLET 5 - CARRIER 10T	10652.8	-1031.3	12.2	0	77	0.0	250	61.5	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	14
S126	OUTLET 5 - CARRIER 10T	10652.8	-1031.3	12.2	0	82	0.0	500	61.5	0.0	-3.0	0.0	0.6	0.0	0.0	0.0	-5.7	0.0	17
S126	OUTLET 5 - CARRIER 10T	10652.8	-1031.3	12.2	0	84	0.0	1000	61.5	0.0	-3.0	0.0	1.2	0.0	0.0	0.0	-7.6	0.0	17
S127	OUTLET 5 - CARRIER 10T	10645.7	-1031.3	12.2	0	71	0.0	63	61.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	12
S127	OUTLET 5 - CARRIER 10T	10645.7	-1031.3	12.2	0	74	0.0	125	61.7	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	13
S127	OUTLET 5 - CARRIER 10T	10645.7	-1031.3	12.2	0	77	0.0	250	61.7	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	14
S127	OUTLET 5 - CARRIER 10T	10645.7	-1031.3	12.2	0	82	0.0	500	61.7	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	17
S127	OUTLET 5 - CARRIER 10T	10645.7	-1031.3	12.2	0	84	0.0	1000	61.7	0.0	-3.0	0.0	1.3	0.0	0.0	0.0	-7.6	0.0	16
S128	OUTLET 5 - CARRIER 10T	10641.1	-1031.1	12.2	0	71	0.0	63	61.8	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	12
S128	OUTLET 5 - CARRIER 10T	10641.1	-1031.1	12.2	0	74	0.0	125	61.8	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-2.2	0.0	13
S128	OUTLET 5 - CARRIER 10T	10641.1	-1031.1	12.2	0	77	0.0	250	61.8	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	14
S128	OUTLET 5 - CARRIER 10T	10641.1	-1031.1	12.2	0	82	0.0	500	61.8	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	16
S128	OUTLET 5 - CARRIER 10T	10641.1	-1031.1	12.2	0	84	0.0	1000	61.8	0.0	-3.0	0.0	1.3	0.0	0.0	0.0	-7.6	0.0	16
S129	OUTLET 6 - CARRIER 10T	10620.8	-1033.4	12.2	0	71	0.0	63	62.3	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	12
S129	OUTLET 6 - CARRIER 10T	10620.8	-1033.4	12.2	0	74	0.0	125	62.3	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	13
S129	OUTLET 6 - CARRIER 10T	10620.8	-1033.4	12.2	0	77	0.0	250	62.3	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S129	OUTLET 6 - CARRIER 10T	10620.8	-1033.4	12.2	0	82	0.0	500	62.3	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	16
S129	OUTLET 6 - CARRIER 10T	10620.8	-1033.4	12.2	0	84	0.0	1000	62.3	0.0	-3.0	0.0	1.3	0.0	0.0	0.0	-7.6	0.0	16
S130	OUTLET 6 - CARRIER 10T	10615.2	-1033.1	12.2	0	71	0.0	63	62.4	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	12
S130	OUTLET 6 - CARRIER 10T	10615.2	-1033.1	12.2	0	74	0.0	125	62.4	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	13

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S130	OUTLET 6 - CARRIER 10T	10615.2	-1033.1	12.2	0	77	0.0	250	62.4	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S130	OUTLET 6 - CARRIER 10T	10615.2	-1033.1	12.2	0	82	0.0	500	62.4	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	16
S130	OUTLET 6 - CARRIER 10T	10615.2	-1033.1	12.2	0	84	0.0	1000	62.4	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	-7.6	0.0	16
S131	OUTLET 6 - CARRIER 10T	10609.8	-1033.2	12.2	0	71	0.0	63	62.5	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S131	OUTLET 6 - CARRIER 10T	10609.8	-1033.2	12.2	0	74	0.0	125	62.5	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S131	OUTLET 6 - CARRIER 10T	10609.8	-1033.2	12.2	0	77	0.0	250	62.5	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S131	OUTLET 6 - CARRIER 10T	10609.8	-1033.2	12.2	0	82	0.0	500	62.5	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	16
S131	OUTLET 6 - CARRIER 10T	10609.8	-1033.2	12.2	0	84	0.0	1000	62.5	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	-7.6	0.0	15
S132	OUTLET 6 - CARRIER 10T	10604.5	-1032.8	12.2	0	71	0.0	63	62.7	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S132	OUTLET 6 - CARRIER 10T	10604.5	-1032.8	12.2	0	74	0.0	125	62.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S132	OUTLET 6 - CARRIER 10T	10604.5	-1032.8	12.2	0	77	0.0	250	62.7	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S132	OUTLET 6 - CARRIER 10T	10604.5	-1032.8	12.2	0	82	0.0	500	62.7	0.0	-3.0	0.0	0.7	0.0	0.0	0.0	-5.7	0.0	16
S132	OUTLET 6 - CARRIER 10T	10604.5	-1032.8	12.2	0	84	0.0	1000	62.7	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	-7.6	0.0	15
S133	OUTLET 6 - CARRIER 10T	10594.5	-1032.8	12.2	0	71	0.0	63	62.9	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S133	OUTLET 6 - CARRIER 10T	10594.5	-1032.8	12.2	0	74	0.0	125	62.9	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S133	OUTLET 6 - CARRIER 10T	10594.5	-1032.8	12.2	0	77	0.0	250	62.9	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S133	OUTLET 6 - CARRIER 10T	10594.5	-1032.8	12.2	0	82	0.0	500	62.9	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S133	OUTLET 6 - CARRIER 10T	10594.5	-1032.8	12.2	0	84	0.0	1000	62.9	0.0	-3.0	0.0	1.4	0.0	0.0	0.0	-7.6	0.0	15
S134	OUTLET 6 - CARRIER 10T	10589.5	-1032.8	12.2	0	71	0.0	63	63.0	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S134	OUTLET 6 - CARRIER 10T	10589.5	-1032.8	12.2	0	74	0.0	125	63.0	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S134	OUTLET 6 - CARRIER 10T	10589.5	-1032.8	12.2	0	77	0.0	250	63.0	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	13
S134	OUTLET 6 - CARRIER 10T	10589.5	-1032.8	12.2	0	82	0.0	500	63.0	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S134	OUTLET 6 - CARRIER 10T	10589.5	-1032.8	12.2	0	84	0.0	1000	63.0	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-7.6	0.0	15
S135	OUTLET 6 - CARRIER 10T	10582.2	-1032.5	12.2	0	71	0.0	63	63.1	0.0	-3.0	0.0	0.0	0.0	0.0	0.0	-0.4	0.0	11
S135	OUTLET 6 - CARRIER 10T	10582.2	-1032.5	12.2	0	74	0.0	125	63.1	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	12
S135	OUTLET 6 - CARRIER 10T	10582.2	-1032.5	12.2	0	77	0.0	250	63.1	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	12
S135	OUTLET 6 - CARRIER 10T	10582.2	-1032.5	12.2	0	82	0.0	500	63.1	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S135	OUTLET 6 - CARRIER 10T	10582.2	-1032.5	12.2	0	84	0.0	1000	63.1	0.0	-3.0	0.0	1.5	0.0	0.0	0.0	-7.6	0.0	15
S136	OUTLET 7 - CARRIER 10T	10559.9	-1038.9	12.2	0	71	0.0	63	63.6	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	10
S136	OUTLET 7 - CARRIER 10T	10559.9	-1038.9	12.2	0	74	0.0	125	63.6	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S136	OUTLET 7 - CARRIER 10T	10559.9	-1038.9	12.2	0	77	0.0	250	63.6	0.0	-3.0	0.0	0.4	0.0	0.0	0.0	-4.2	0.0	12
S136	OUTLET 7 - CARRIER 10T	10559.9	-1038.9	12.2	0	82	0.0	500	63.6	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	15
S136	OUTLET 7 - CARRIER 10T	10559.9	-1038.9	12.2	0	84	0.0	1000	63.6	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S137	OUTLET 7 - CARRIER 10T	10552.8	-1038.6	12.2	0	71	0.0	63	63.7	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	10
S137	OUTLET 7 - CARRIER 10T	10552.8	-1038.6	12.2	0	74	0.0	125	63.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S137	OUTLET 7 - CARRIER 10T	10552.8	-1038.6	12.2	0	77	0.0	250	63.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	12
S137	OUTLET 7 - CARRIER 10T	10552.8	-1038.6	12.2	0	82	0.0	500	63.7	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	14
S137	OUTLET 7 - CARRIER 10T	10552.8	-1038.6	12.2	0	84	0.0	1000	63.7	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S138	OUTLET 7 - CARRIER 10T	10548.0	-1038.7	12.2	0	71	0.0	63	63.8	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	10
S138	OUTLET 7 - CARRIER 10T	10548.0	-1038.7	12.2	0	74	0.0	125	63.8	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S138	OUTLET 7 - CARRIER 10T	10548.0	-1038.7	12.2	0	77	0.0	250	63.8	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	12
S138	OUTLET 7 - CARRIER 10T	10548.0	-1038.7	12.2	0	82	0.0	500	63.8	0.0	-3.0	0.0	0.8	0.0	0.0	0.0	-5.7	0.0	14
S138	OUTLET 7 - CARRIER 10T	10548.0	-1038.7	12.2	0	84	0.0	1000	63.8	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S139	OUTLET 7 - CARRIER 10T	10541.9	-1038.7	12.2	0	71	0.0	63	63.9	0.0	-3.0	0.0	0.1	0.0	0.0	0.0	-0.4	0.0	10
S139	OUTLET 7 - CARRIER 10T	10541.9	-1038.7	12.2	0	74	0.0	125	63.9	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S139	OUTLET 7 - CARRIER 10T	10541.9	-1038.7	12.2	0	77	0.0	250	63.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	12
S139	OUTLET 7 - CARRIER 10T	10541.9	-1038.7	12.2	0	82	0.0	500	63.9	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S139	OUTLET 7 - CARRIER 10T	10541.9	-1038.7	12.2	0	84	0.0	1000	63.9	0.0	-3.0	0.0	1.6	0.0	0.0	0.0	-7.6	0.0	14
S140	OUTLET 7 - CARRIER 10T	10531.3	-1038.2	12.2	0	74	0.0	125	64.1	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S140	OUTLET 7 - CARRIER 10T	10531.3	-1038.2	12.2	0	77	0.0	250	64.1	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S140	OUTLET 7 - CARRIER 10T	10531.3	-1038.2	12.2	0	82	0.0	500	64.1	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S140	OUTLET 7 - CARRIER 10T	10531.3	-1038.2	12.2	0	84	0.0	1000	64.1	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-7.6	0.0	14
S141	OUTLET 7 - CARRIER 10T	10519.5	-1038.1	12.2	0	74	0.0	125	64.4	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	11
S141	OUTLET 7 - CARRIER 10T	10519.5	-1038.1	12.2	0	77	0.0	250	64.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S141	OUTLET 7 - CARRIER 10T	10519.5	-1038.1	12.2	0	82	0.0	500	64.4	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	14
S141	OUTLET 7 - CARRIER 10T	10519.5	-1038.1	12.2	0	84	0.0	1000	64.4	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-7.6	0.0	13
S142	OUTLET 7 - CARRIER 10T	10511.4	-1037.8	12.2	0	74	0.0	125	64.5	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10
S142	OUTLET 7 - CARRIER 10T	10511.4	-1037.8	12.2	0	77	0.0	250	64.5	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S142	OUTLET 7 - CARRIER 10T	10511.4	-1037.8	12.2	0	82	0.0	500	64.5	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	13
S142	OUTLET 7 - CARRIER 10T	10511.4	-1037.8	12.2	0	84	0.0	1000	64.5	0.0	-3.0	0.0	1.7	0.0	0.0	0.0	-7.6	0.0	13
S143	OUTLET 7 - CARRIER 10T	10506.1	-1037.5	12.2	0	74	0.0	125	64.6	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10
S143	OUTLET 7 - CARRIER 10T	10506.1	-1037.5	12.2	0	77	0.0	250	64.6	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S143	OUTLET 7 - CARRIER 10T	10506.1	-1037.5	12.2	0	82	0.0	500	64.6	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	13
S143	OUTLET 7 - CARRIER 10T	10506.1	-1037.5	12.2	0	84	0.0	1000	64.6	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-7.6	0.0	13
S144	OUTLET 7 - CARRIER 10T	10501.0	-1037.5	12.2	0	74	0.0	125	64.7	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10
S144	OUTLET 7 - CARRIER 10T	10501.0	-1037.5	12.2	0	77	0.0	250	64.7	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S144	OUTLET 7 - CARRIER 10T	10501.0	-1037.5	12.2	0	82	0.0	500	64.7	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	13
S144	OUTLET 7 - CARRIER 10T	10501.0	-1037.5	12.2	0	84	0.0	1000	64.7	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-7.6	0.0	13
S145	OUTLET 7 - CARRIER 10T	10495.3	-1037.2	12.2	0	74	0.0	125	64.8	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10
S145	OUTLET 7 - CARRIER 10T	10495.3	-1037.2	12.2	0	77	0.0	250	64.8	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S145	OUTLET 7 - CARRIER 10T	10495.3	-1037.2	12.2	0	82	0.0	500	64.8	0.0	-3.0	0.0	0.9	0.0	0.0	0.0	-5.7	0.0	13
S145	OUTLET 7 - CARRIER 10T	10495.3	-1037.2	12.2	0	84	0.0	1000	64.8	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-7.6	0.0	13
S146	OUTLET 7 - CARRIER 10T	10491.5	-1032.0	12.2	0	74	0.0	125	64.9	0.0	-3.0	0.0	0.2	0.0	0.0	0.0	-2.2	0.0	10
S146	OUTLET 7 - CARRIER 10T	10491.5	-1032.0	12.2	0	77	0.0	250	64.9	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	11
S146	OUTLET 7 - CARRIER 10T	10491.5	-1032.0	12.2	0	82	0.0	500	64.9	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S146	OUTLET 7 - CARRIER 10T	10491.5	-1032.0	12.2	0	84	0.0	1000	64.9	0.0	-3.0	0.0	1.8	0.0	0.0	0.0	-7.6	0.0	13
S147	OUTLET 7 - CARRIER 10T	10479.5	-1029.7	12.2	0	77	0.0	250	65.1	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S147	OUTLET 7 - CARRIER 10T	10479.5	-1029.7	12.2	0	82	0.0	500	65.1	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S147	OUTLET 7 - CARRIER 10T	10479.5	-1029.7	12.2	0	84	0.0	1000	65.1	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S148	OUTLET 7 - CARRIER 10T	10476.7	-1043.0	12.2	0	77	0.0	250	65.1	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S148	OUTLET 7 - CARRIER 10T	10476.7	-1043.0	12.2	0	82	0.0	500	65.1	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S148	OUTLET 7 - CARRIER 10T	10476.7	-1043.0	12.2	0	84	0.0	1000	65.1	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S149	OUTLET 7 - CARRIER 10T	10475.9	-1029.3	12.2	0	77	0.0	250	65.2	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S149	OUTLET 7 - CARRIER 10T	10475.9	-1029.3	12.2	0	82	0.0	500	65.2	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S149	OUTLET 7 - CARRIER 10T	10475.9	-1029.3	12.2	0	84	0.0	1000	65.2	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S150	OUTLET 7 - CARRIER 10T	10471.9	-1043.0	12.2	0	77	0.0	250	65.2	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S150	OUTLET 7 - CARRIER 10T	10471.9	-1043.0	12.2	0	82	0.0	500	65.2	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S150	OUTLET 7 - CARRIER 10T	10471.9	-1043.0	12.2	0	84	0.0	1000	65.2	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S152	OUTLET 7 - CARRIER 10T	10467.8	-1029.4	12.2	0	77	0.0	250	65.3	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S152	OUTLET 7 - CARRIER 10T	10467.8	-1029.4	12.2	0	82	0.0	500	65.3	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13

Receiver: R01

Project: Microtel Kanata

Project Number: 17409

Time Period	Total (dBA)
Day	44

Receiver Name	Receiver ID	X	Y	Z
R01	R01	10978.9	-1113.8	11.0

Source ID	Source Name	X	Y	Z	RefL	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
S152	OUTLET 7 - CARRIER 10T	10467.8	-1029.4	12.2	0	84	0.0	1000	65.3	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S151	OUTLET 7 - CARRIER 10T	10464.8	-1043.0	12.2	0	77	0.0	250	65.3	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S151	OUTLET 7 - CARRIER 10T	10464.8	-1043.0	12.2	0	82	0.0	500	65.3	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S151	OUTLET 7 - CARRIER 10T	10464.8	-1043.0	12.2	0	84	0.0	1000	65.3	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12
S153	OUTLET 7 - CARRIER 10T	10462.8	-1029.5	12.2	0	77	0.0	250	65.4	0.0	-3.0	0.0	0.5	0.0	0.0	0.0	-4.2	0.0	10
S153	OUTLET 7 - CARRIER 10T	10462.8	-1029.5	12.2	0	82	0.0	500	65.4	0.0	-3.0	0.0	1.0	0.0	0.0	0.0	-5.7	0.0	13
S153	OUTLET 7 - CARRIER 10T	10462.8	-1029.5	12.2	0	84	0.0	1000	65.4	0.0	-3.0	0.0	1.9	0.0	0.0	0.0	-7.6	0.0	12