aercoustics

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NOISE IMPACT STUDY – **Project: 22585.00**

Buckhorn Yacht Harbour

Buckhorn, ON

Prepared for:

Egis
6240 Highway 7, Suite 200
Woodbridge, ON L4H 4G3

Prepared by:

Valerie Stephens

Alexandra Davidson, P.Eng.

June 13, 2024

Revision History

Version	Description	Author	Reviewed	Date
1	Initial Report	VS	AD	June 13, 2024

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1 Introduction

Aercoustics Engineering Limited (Aercoustics) has been retained to prepare a Noise Impact Study (NIS) to support an application for a proposed commercial warehouse development at the existing Buckhorn Yacht Harbour in the Buckhorn Lake region of Peterborough County, Ontario.

The purpose of this study was to examine the impact of the proposed development and existing facility operations on nearby noise sensitive receptors. This report investigates the noise control measures that are required in order for the facility to meet the noise guidelines of the Ontario Ministry of the Environment, Conservation and Parks (MECP) and to satisfy the requirements of Peterborough County. This report considers the MECP guideline NPC-300 “Stationary and Transportation Sources – Approval and Planning” (August 2013), the County of Peterborough Noise By-law No. 2021-35, and the Municipality of Trent Lakes By-law No. B2023-054.

The existing Buckhorn Yacht Harbour facility includes boat storage areas, water access, and one warehouse building. The property is located in the Tourist Commercial (TC) Zone.

The proposed development is to be located on the north lot adjacent to the existing facility. This lot is currently zoned Rural Residential. The proposed development includes two one-storey warehouse buildings. It is understood through consultation with the client that the new warehouse buildings will be used for boat storage and will not have any noise sources located within the buildings or on the exterior. Boat movement operations will occur through both the existing and proposed development areas.

Receptors in the surrounding area include existing residential dwellings around both the existing and proposed sites.

Figure 1 provides a site plan of the proposed development including the location of noise sources and nearby noise sensitive receptors.

A site visit was conducted by Aercoustics personnel on April 22, 2024 to survey the surrounding area and measure the sound levels of the facility operations on site.

2 Guidelines and Criteria

2.1 Acoustical Classification

Based on the area and observations on site, the affected points of reception have an ambient acoustical environment consistent with the Class 3 (Rural) designation. In a Class 3 area, the acoustical environment is dominated by natural sounds with little or no road traffic and infrequent human activity.

2.2 Applicable Sound Level Limits

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

Table 1: MECP Exclusion Limits for Stationary Sources – Class 3

	Sound Level Exclusion Limit* Class 3 Area		
	Day (07:00 – 19:00)	Evening (19:00 – 23:00)	Night (23:00 – 07:00)
Plane of Window of Noise Sensitive Spaces	45 dBA	40 dBA	40 dBA
Outdoor Living Areas	45 dBA	40 dBA	--

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

The MECP sound level limit is determined by the exclusion limit listed above or the minimum hourly equivalent background sound level, whichever is higher. Based on the ambient acoustical environment, background sound levels are not expected to increase the sound level limits for the receptors in this study. As a result, the exclusion limit was used for all receptors in this study.

3 Noise Level Predictions

3.1 Stationary Noise Sources

The impact of the proposed development on surrounding land uses has been examined using DataKustik's CadnaA environmental noise prediction software. The calculations are based on established prediction methods including the standard ISO 9613-2: "A Standard for Outdoor Noise Propagation".

Noise levels were predicted using conditions of downwind propagation, generally with hard ground modelled in applicable areas such as paved roads, parking lots, and open water and soft ground conditions elsewhere. The directivity of noise emission for applicable noise sources was considered. Sample calculations are available in Appendix C.

Noise sources at the facility include operational noise through the open doors of the existing warehouse building, air handling equipment at the building, as well as noise from the loading, unloading, and movement of boats via two loaders. The sound levels of these sources are based on measurements conducted by Aercoustics personnel on site.

It is understood from consultation with the client that two loaders are available on site to move boats around the existing facility. Based on observations on site of the typical loading, unloading, and transport durations, it is expected that there will be approximately

four boats transported in the worst-case hour. Loaders will only be used at the facility development during daytime hours (07:00 to 19:00). The predicted noise impact of the loader operations is based on the measured sound levels of the louder loader, modelled on the worst-case path for the receptors located closest to the proposed development (R05 and R06). Typical operations would have loader paths throughout the site, with alternating use of the quieter loader, and are therefore expected to have a lower impact than the modelled path. It is understood that based on current operations and plans for the proposed development, only one loader will operate at a time.

No trailer coupling activities are planned and therefore impulse noise is not expected to be significant.

The predicted impact of the combined existing site operations and the proposed development operations on the surrounding noise sensitive receptors is outlined in Table 2. The noise impact is predicted to be below the sound level limits at all receptor locations.

Table 2: Stationary Noise Impact, Existing and Proposed Operations

Receptor ID	Receptor Height (m)	Predicted Sound Level L_{eq} (dBA)	Sound Level Limit (dBA)	Sound Level Satisfied (Yes/No)
R01	1.5	42	45	Yes
R02	1.5	41	45	Yes
R03	1.5	40	45	Yes
R04	4.5	43	45	Yes
R05	1.5	41	45	Yes
R06	4.5	45	45	Yes
R07	4.5	36	45	Yes
R08	1.5	33	45	Yes
R09	1.5	32	45	Yes
R10	4.5	33	45	Yes
R11	4.5	32	45	Yes
R12	1.5	28	45	Yes
R13	4.5	39	45	Yes
R14	1.5	30	45	Yes
R15	1.5	37	45	Yes
R16	4.5	38	45	Yes
R17	4.5	38	45	Yes
R18	4.5	36	45	Yes
R19	4.5	40	45	Yes
R20	4.5	41	45	Yes

3.2 Further Recommendations

The noise prediction impacts from the existing and proposed development as listed in Section 3.1 of this report indicate that the unmitigated noise impact of the facility is within the noise level limits. Therefore, no noise mitigation is required.

Based on discussion with the operator, there may be future consideration for both available loaders to be used simultaneously on site. With a maximum of four boats transported per loader in a given hour, it is expected that simultaneous operation of both loaders will be within the noise level limits.

Any future changes to the existing or proposed operations, including simultaneous use of both loaders, should be assessed in more detail to demonstrate that the sound level limits will be satisfied.

4 Conclusion

Aercoustics has been retained by Buckhorn Yacht Harbour to predict the noise impact of the proposed development on the surrounding environment, including the existing operations.

Based on the analysis, the impact from the existing operations and the proposed development on nearby noise sensitive receptors is within the applicable Ministry of the Environment, Conservation and Parks (MECP) sound level limits and is expected to satisfy the requirements of Peterborough County and the Municipality of Trent Lakes.

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Project ID: 22585.00

Scale: NTS
Drawn by: VS
Reviewed by: AD
Date: June 13, 2024
Revision: 1

Project Name

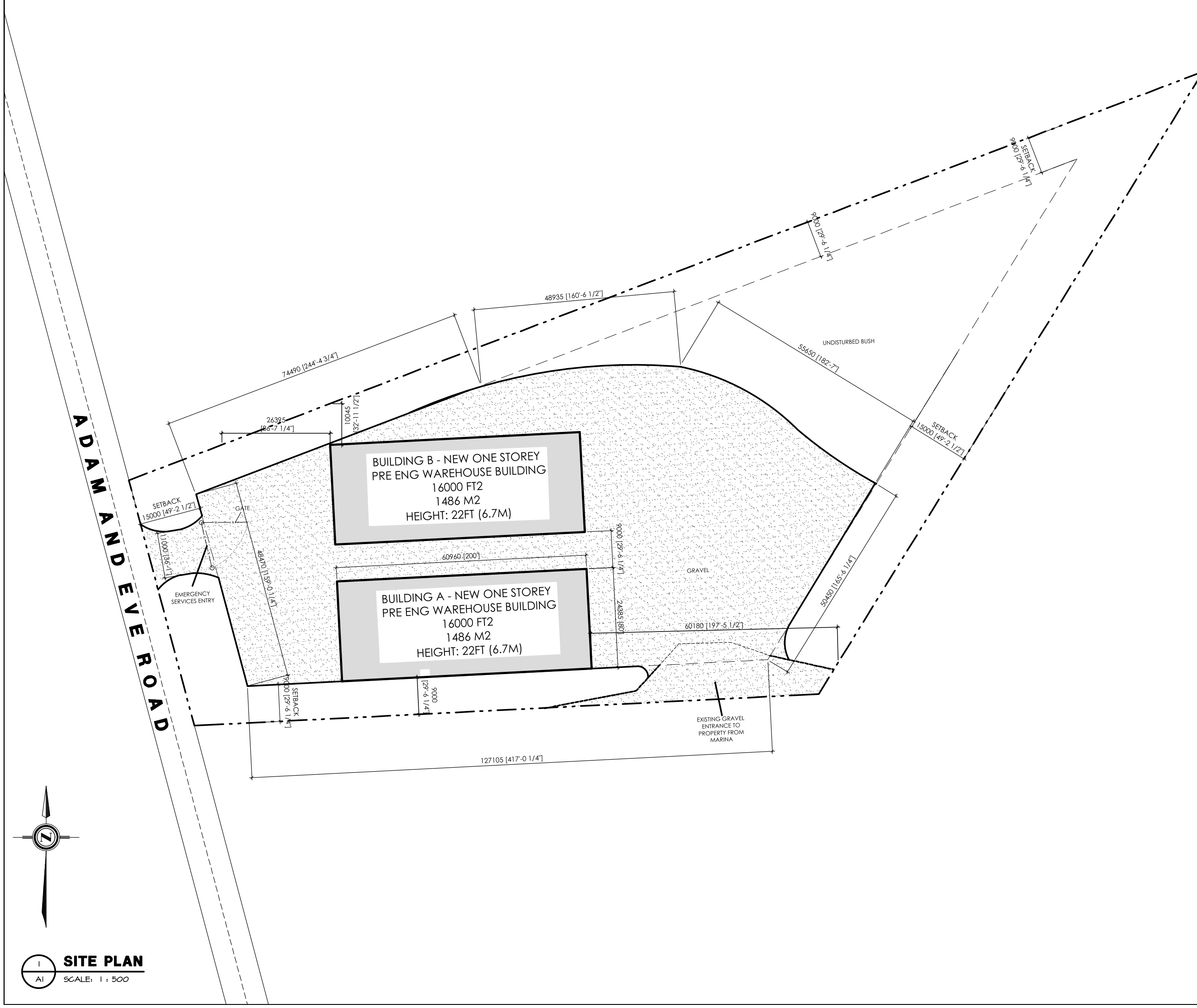
Buckhorn Yacht Harbour

Figure Title

Unmitigated Impact of Stationary Noise, Existing and Proposed Operations

Figure 1

Appendix A
Proposed Development Site Plan and Zoning Map



1
A1
SITE PLAN
SCALE: 1 : 500

LEGEND

(dotted pattern)	UNDISTURBED BUSH
(stipple pattern)	GRAVEL
— · · —	LOT LINE / PROPERTY LINE
— — —	REQUIRED SETBACK LINE
—X—	FENCE

SITE STATISTICS

DESCRIPTION	PROVIDED	REQUIRED
FRONT YARD DEPTH	61m	15m
REAR YARD DEPTH	38m	15m
INTERIOR SIDE YARD WIDTH (NORTH)	9m	9m
INTERIOR SIDE YARD WIDTH (SOUTH)	9m	9m
BUILDING HEIGHT	6.7m	11m MAX

DESCRIPTION	PROVIDED	PERCENT %
TOTAL LOT AREA	19853 sq.m.	100.0 %
GRAVEL AREA	10237 sq.m.	65 %
UNDISTURBED AREA	6644 sq.m.	33 %
PROPOSED ADDITION AREA	2972 sq.m.	2 %

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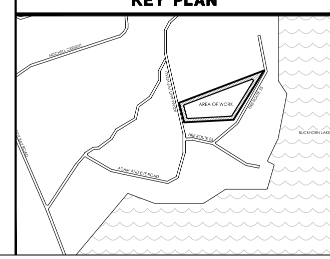
NO.	DATE	REVISIONS	BY

KEY PLAN

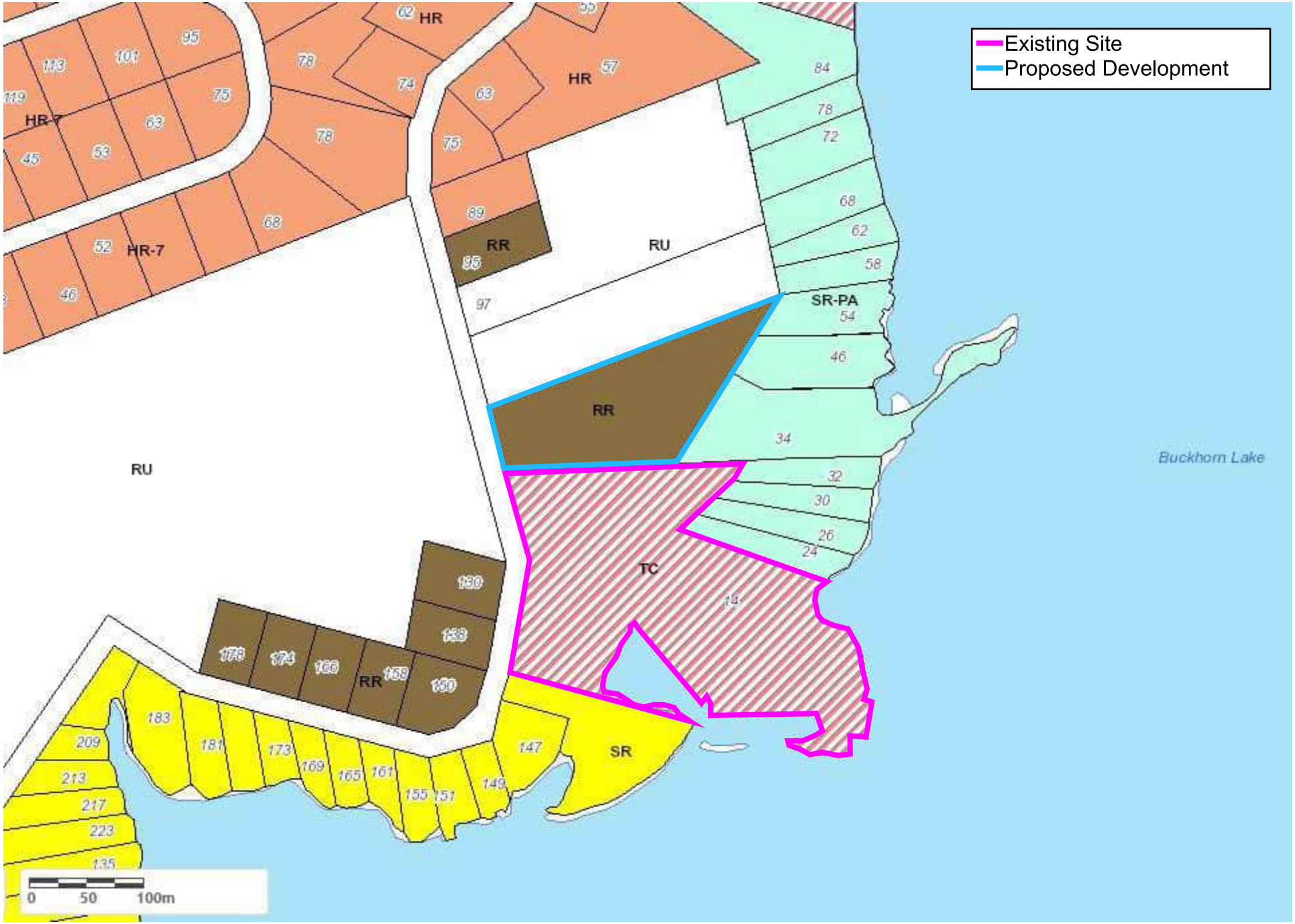


BEL-CON
DESIGN-BUILDERS LTD
TELEPHONE: (613) 968-6707
WWW.BEL-CON.COM
1-335 UNIVERSITY AVE
BELLEVILLE, ONTARIO

NEW BUILDING FOR:
BUCKHORN YACHT HARBOUR
ADAM AND EVE ROAD
BUCKHORN, ONTARIO

SITE PLAN

DATE: 10.25.2023	CONTRACT No.: 2320
CHECKED BY:	DWG. No.: A1
DESIGNED BY: BDN	
DRAWN BY: BDN	
SCALE: AS SHOWN	


Existing Site
Proposed Development
HR
HR-7
RR
RU
SR-PA
TC
SR
Buckhorn Lake
0
50
100m

Section 2 - Zone Classification

2.1 Zones

For the purposes of this By-law, the whole of the Municipality of Trent Lakes is divided into various zones as named and described in the following sections, the boundaries of which are shown on Schedule "A" (comprised of Maps 1 to 10) which are attached hereto and form part of this By-law. Should a property not have a zoning classification, it is not assumed to be a rural classification.

2.2 Zone Classification

For the purposes of this By-law, reference may be made to individual zones or categories of zones as set out below:

Rural Zones	***Zone Symbol***
Rural Zone	RU
Residential Zones	
Rural Residential Zone	RR
Hamlet Residential Zone	HR
Shoreline Residential Zone	SR
Shoreline Residential-Private Access Zone	SR-PA
Rural Residential-Private Access Zone	RR-PA
Island Residential Zone	IR
Commercial Zones	
General Commercial Zone	GC
Hamlet Commercial Zone	HC
Tourist Commercial Zone	TC
Industrial Zones	
General Industrial Zone	GI
Extractive Industrial Zone	EI
Disposal Industrial Zone	DI
Community/Open Space Zones	
Community Facility Zone	CF
Open Space Zone	OS
Development Zone	D
Environmental Zones	
Environmental Protection Zone	EP

Crown Land	CL
Sandy Point Recreation Development Zones	
Special Recreational Residential Zone	SRR
Special Estate Residential Zone	SER
Special Multiple Recreational Residential Zone	SMR
Special Tourist Commercial Zone	STC
Special Open Space Type 2 Zone	OS-2
Special Open Space Type 3 Zone	OS-3
Special Environmental Protection Type 1 Zone	EP-1

2.3 Zone Symbols

The Symbols listed in Section 2.2 may be used to refer to buildings and structures, the use of lots, buildings and structures permitted by this By-law in the said zones, and whenever in this By-law the word "zone" is used, preceded by any of the said symbols, such reference shall mean any area within the Corporation within the scope of this By-law, delineated on a Schedule and designated thereon by the said symbol.

2.4 Interpretation Of Zone Schedules

For the purpose of this By-law, all land within the Municipality of Trent Lakes is hereby divided into use zones as set out in Section 2.2 and Schedule “A”, and the zone boundaries are:

The centreline of any road, right-of-way or watercourse or a part of any waterbody; or,

The lot line as indicated on a registered plan of subdivision, or a Municipal survey plan; except that,

In the absence of either of the above, the zone boundary is the distance as scaled from the Zone Schedule.

2.5 Road Allowances And Rights-of-Way

A road allowance, shoreline road allowance, utility transmission right-of-way or watercourse is, unless otherwise indicated, included within the zone of the adjoining property on either side thereof, and where such road allowance, right-of-way or watercourse serves as a boundary between two or more different zones, a line midway in such road allowance, right-of-way or watercourse and extending in the general direction of the long division thereof is considered the boundary between zones, unless specifically indicated otherwise.

2.6 Road And Right-Of-Way Closings

In the event a dedicated road or right-of-way shown on the map is closed, the property formerly in said road or right-of-way shall be included within the zone of the adjoining property on either side of the said closed road or right-of-way and the zone boundary shall be the former centre line of said road or right-of-way.

2.7 Special Zones And Provisions

Where the zone symbol shown on certain lands on a Schedule is followed by a dash and a number, for example, "RU-1", then special provisions apply to such lands. Lands zoned in this manner shall be subject to all of the provisions of the By-law except as otherwise provided by the special provisions of the special zone.

Appendix B
Sound Power Levels

Sound Power Data

Source	Sound Power Level (dB)								
	63	125	250	500	1000	2000	4000	8000	**A**
AC / Paint Booth Fan	92	94	90	88	83	81	81	74	**90**
Open Warehouse Doors	97	91	88	84	79	70	65	59	**86**
Loader 1	114	104	99	95	97	94	87	80	**101**
Loader 2	99	105	95	96	93	87	83	76	**98**

Appendix C
Sample Calculations

Receiver: R01
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	42

Receiver Name	Receiver ID	X	Y	Z
R01	R01	710369 m	4935977 m	251.6 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	54.1	0.0	1.7	16.3	1.0	0.0	0.0	0.0	0.0	0.0	17
Loader_1	Loader_1	710247.7	4935992.2	251.0	0	70	16.7	A	52.7	0.0	0.3	0.0	0.8	0.0	0.0	0.0	0.0	0.0	33
Loader_1	Loader_1	710278.9	4936027.5	252.3	0	70	16.7	A	51.3	0.0	0.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	34
Loader_1	Loader_1	710288.3	4936047.4	252.8	0	70	11.2	A	51.6	0.0	0.4	0.0	0.7	0.0	0.0	0.0	0.0	0.0	29
Loader_1	Loader_1	710270.3	4936053.9	252.4	0	70	14.0	A	52.9	0.0	-0.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0	31
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	55.9	0.0	-2.4	4.6	1.2	0.0	0.0	0.0	0.0	0.0	29
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	54.9	0.0	0.6	0.0	1.0	0.0	0.0	0.0	0.0	0.0	31
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	56.1	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	30
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	54.2	0.0	-1.8	4.6	1.0	0.0	0.0	0.0	0.0	0.0	27
Loader_1	Loader_1	710230.4	4935963.8	250.0	0	70	12.7	A	53.8	0.0	-1.0	4.4	0.9	0.0	0.0	0.0	0.0	0.0	25
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	54.2	0.0	-0.9	0.0	1.0	0.0	0.0	0.0	0.0	0.0	28
Loader_1	Loader_1	710218.6	4936112.0	252.4	0	70	12.0	A	57.1	0.0	-1.1	0.0	1.3	0.0	0.0	0.0	0.0	0.0	25
Loader_1	Loader_1	710207.3	4936108.4	252.6	0	70	9.0	A	57.4	0.0	-1.4	0.0	1.3	0.0	0.0	0.0	0.0	0.0	22
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	251.6	0	72	6.9	A	54.0	3.0	2.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	252.6	0	72	6.9	A	54.0	3.0	2.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	249.6	0	72	6.9	A	54.0	3.0	0.5	3.4	0.3	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	250.6	0	72	6.9	A	54.0	3.0	1.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0	26
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	253.6	0	72	6.9	A	54.0	3.0	2.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	253.7	0	72	7.0	A	53.6	3.0	2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	249.7	0	72	7.0	A	53.6	3.0	0.8	3.3	0.3	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	250.7	0	72	7.0	A	53.6	3.0	2.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	26
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	251.7	0	72	7.0	A	53.6	3.0	2.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	252.7	0	72	7.0	A	53.6	3.0	2.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	25

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

Receiver: R02
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	41

Receiver Name	Receiver ID	X	Y	Z
R02	R02	710382 m	4936001 m	251.6 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	54.5	0.0	1.7	15.5	1.0	0.0	0.0	0.0	0.0	0.0	17
Loader_1	Loader_1	710247.7	4935992.2	251.0	0	70	16.7	A	53.6	0.0	0.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710278.9	4936027.5	252.3	0	70	16.7	A	51.5	0.0	0.6	0.0	0.7	0.0	0.0	0.0	0.0	0.0	34
Loader_1	Loader_1	710281.0	4936050.0	252.7	0	70	14.6	A	52.0	0.0	0.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710263.0	4936056.5	252.2	0	70	9.8	A	53.4	0.0	-0.7	0.0	0.9	0.0	0.0	0.0	0.0	0.0	27
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	57.0	0.0	-1.1	4.4	1.3	0.0	0.0	0.0	0.0	0.0	27
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	54.6	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	31
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	55.7	0.0	0.2	4.3	1.1	0.0	0.0	0.0	0.0	0.0	25
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	55.3	0.0	-1.1	4.4	1.1	0.0	0.0	0.0	0.0	0.0	25
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	54.2	0.0	-0.9	0.0	1.0	0.0	0.0	0.0	0.0	0.0	28
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	54.9	0.0	-0.9	4.4	1.0	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710219.6	4936112.3	252.4	0	70	11.3	A	56.9	0.0	-0.8	4.3	1.3	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710208.3	4936108.8	252.6	0	70	10.0	A	57.2	0.0	-0.9	0.0	1.3	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	251.6	0	72	6.9	A	54.8	3.0	2.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	252.6	0	72	6.9	A	54.8	3.0	2.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	249.6	0	72	6.9	A	54.8	3.0	0.7	3.3	0.4	0.0	0.0	0.0	0.0	0.0	22
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	250.6	0	72	6.9	A	54.8	3.0	1.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	253.6	0	72	6.9	A	54.8	3.0	2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	253.7	0	72	7.0	A	54.3	3.0	2.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	249.7	0	72	7.0	A	54.3	3.0	0.8	3.3	0.4	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	250.7	0	72	7.0	A	54.3	3.0	2.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	251.7	0	72	7.0	A	54.3	3.0	2.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	252.7	0	72	7.0	A	54.3	3.0	2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24

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

Receiver: R03
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	40

Receiver Name	Receiver ID	X	Y	Z
R03	R03	710386 m	4936024 m	251.5 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	54.6	0.0	1.7	14.9	1.0	0.0	0.0	0.0	0.0	0.0	18
Loader_1	Loader_1	710247.7	4935992.2	251.0	0	70	16.7	A	54.0	0.0	0.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710278.9	4936027.5	252.3	0	70	16.7	A	51.6	0.0	0.5	0.0	0.7	0.0	0.0	0.0	0.0	0.0	34
Loader_1	Loader_1	710276.6	4936051.6	252.5	0	70	15.8	A	52.0	0.0	-0.2	0.0	0.8	0.0	0.0	0.0	0.0	0.0	34
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	54.1	0.0	1.0	4.1	1.0	0.0	0.0	0.0	0.0	0.0	27
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	55.2	0.0	0.1	4.3	1.1	0.0	0.0	0.0	0.0	0.0	26
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	57.7	0.0	-1.1	4.4	1.4	0.0	0.0	0.0	0.0	0.0	26
Loader_1	Loader_1	710257.1	4936058.7	252.0	0	70	5.1	A	53.5	0.0	-0.9	4.4	0.9	0.0	0.0	0.0	0.0	0.0	18
Loader_1	Loader_1	710249.5	4936062.0	251.7	0	70	11.2	A	54.0	0.0	-1.1	4.4	1.0	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	56.0	0.0	-1.0	4.4	1.2	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	55.4	0.0	-0.8	4.3	1.1	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710220.5	4936112.6	252.3	0	70	10.6	A	56.5	0.0	-0.8	4.3	1.2	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710209.2	4936109.1	252.6	0	70	10.8	A	56.9	0.0	-0.9	4.3	1.3	0.0	0.0	0.0	0.0	0.0	20
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	251.6	0	72	6.9	A	55.2	3.0	2.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	250.6	0	72	6.9	A	55.2	3.0	1.7	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	249.6	0	72	6.9	A	55.2	3.0	0.7	3.3	0.4	0.0	0.0	0.0	0.0	0.0	22
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	252.6	0	72	6.9	A	55.2	3.0	2.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	253.6	0	72	6.9	A	55.2	3.0	2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	253.7	0	72	7.0	A	54.7	3.0	2.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	249.7	0	72	7.0	A	54.7	3.0	0.7	3.3	0.4	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	250.7	0	72	7.0	A	54.7	3.0	1.8	0.0	0.4	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	251.7	0	72	7.0	A	54.7	3.0	2.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	252.7	0	72	7.0	A	54.7	3.0	2.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	24

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

Receiver: R04
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	43

Receiver Name	Receiver ID	X	Y	Z
R04	R04	710383 m	4936052 m	254.7 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	54.6	0.0	-1.0	14.7	1.0	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710247.7	4935992.2	251.0	0	70	16.7	A	54.4	0.0	-0.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710278.9	4936027.5	252.3	0	70	16.7	A	51.6	0.0	-0.4	0.0	0.7	0.0	0.0	0.0	0.0	0.0	35
Loader_1	Loader_1	710280.8	4936050.1	252.7	0	70	14.7	A	51.2	0.0	-0.3	0.0	0.7	0.0	0.0	0.0	0.0	0.0	33
Loader_1	Loader_1	710262.8	4936056.6	252.2	0	70	9.5	A	52.6	0.0	-0.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	26
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	53.3	0.0	0.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	54.3	0.0	-0.4	0.0	1.0	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	58.3	0.0	-2.1	4.8	1.5	0.0	0.0	0.0	0.0	0.0	26
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	53.4	0.0	0.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0	28
Loader_1	Loader_1	710222.0	4936113.1	252.3	0	70	9.3	A	55.7	0.0	-1.6	0.0	1.1	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710210.7	4936109.5	252.6	0	70	11.8	A	56.2	0.0	-1.7	0.0	1.2	0.0	0.0	0.0	0.0	0.0	26
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	56.6	0.0	-1.8	0.0	1.2	0.0	0.0	0.0	0.0	0.0	29
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	55.9	0.0	-1.6	0.0	1.2	0.0	0.0	0.0	0.0	0.0	28
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	252.6	0	72	6.9	A	55.5	3.0	-0.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	26
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	250.6	0	72	6.9	A	55.5	3.0	-1.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	27
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	251.6	0	72	6.9	A	55.5	3.0	-0.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	26
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	249.6	0	72	6.9	A	55.5	3.0	-1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	27
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	253.6	0	72	6.9	A	55.5	3.0	-0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	26
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	253.7	0	72	7.0	A	54.9	3.0	-0.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	27
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	251.7	0	72	7.0	A	54.9	3.0	-0.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	27
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	249.7	0	72	7.0	A	54.9	3.0	-1.6	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	252.7	0	72	7.0	A	54.9	3.0	-0.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	27
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	250.7	0	72	7.0	A	54.9	3.0	-1.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28

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

Receiver: R05
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	41

Receiver Name	Receiver ID	X	Y	Z
R05	R05	710351 m	4936086 m	251.9 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	53.4	0.0	1.4	11.2	0.9	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710247.7	4935992.2	251.0	0	70	16.7	A	53.9	0.0	-1.4	4.5	0.9	0.0	0.0	0.0	0.0	0.0	29
Loader_1	Loader_1	710271.1	4936018.7	252.0	0	70	13.7	A	51.4	0.0	-0.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	33
Loader_1	Loader_1	710286.7	4936036.4	252.7	0	70	13.7	A	49.2	0.0	0.3	0.0	0.6	0.0	0.0	0.0	0.0	0.0	34
Loader_1	Loader_1	710276.6	4936051.6	252.5	0	70	15.8	A	49.3	0.0	0.8	4.1	0.6	0.0	0.0	0.0	0.0	0.0	31
Loader_1	Loader_1	710250.0	4936074.9	252.1	0	70	13.9	A	51.2	0.0	0.9	5.4	0.7	0.0	0.0	0.0	0.0	0.0	26
Loader_1	Loader_1	710263.2	4936095.5	253.2	0	70	13.9	A	50.0	0.0	0.9	4.2	0.6	0.0	0.0	0.0	0.0	0.0	29
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	51.5	0.0	0.2	4.4	0.7	0.0	0.0	0.0	0.0	0.0	30
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	51.3	0.0	0.9	5.2	0.7	0.0	0.0	0.0	0.0	0.0	25
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	58.4	0.0	-1.4	4.4	1.5	0.0	0.0	0.0	0.0	0.0	26
Loader_1	Loader_1	710224.3	4936113.8	252.3	0	70	5.6	A	53.3	0.0	-0.8	5.3	0.9	0.0	0.0	0.0	0.0	0.0	17
Loader_1	Loader_1	710213.0	4936110.2	252.5	0	70	13.0	A	53.9	0.0	-0.9	4.9	1.0	0.0	0.0	0.0	0.0	0.0	25
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	56.6	0.0	-1.0	4.4	1.2	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	55.7	0.0	-1.5	4.5	1.1	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	250.6	0	72	6.9	A	54.9	3.0	0.3	3.5	0.4	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	249.6	0	72	6.9	A	54.9	3.0	-0.3	3.9	0.4	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	251.6	0	72	6.9	A	54.9	3.0	0.9	3.2	0.4	0.0	0.0	0.0	0.0	0.0	22
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	253.6	0	72	6.9	A	54.9	3.0	1.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	252.6	0	72	6.9	A	54.9	3.0	1.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	253.7	0	72	7.0	A	54.2	3.0	2.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	251.7	0	72	7.0	A	54.2	3.0	1.1	3.2	0.3	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	249.7	0	72	7.0	A	54.2	3.0	-0.2	3.9	0.3	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	250.7	0	72	7.0	A	54.2	3.0	0.4	3.5	0.3	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	252.7	0	72	7.0	A	54.2	3.0	1.7	0.0	0.3	0.0	0.0	0.0	0.0	0.0	25

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

Receiver: R06
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	45

Receiver Name	Receiver ID	X	Y	Z
R06	R06	710348 m	4936102 m	254.8 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	53.7	0.0	-0.8	8.7	1.0	0.0	0.0	0.0	0.0	0.0	28
Loader_1	Loader_1	710247.7	4935992.2	251.0	0	70	16.7	A	54.5	0.0	-2.2	0.0	1.0	0.0	0.0	0.0	0.0	0.0	34
Loader_1	Loader_1	710278.9	4936027.5	252.3	0	70	16.7	A	51.2	0.0	-1.1	0.0	0.7	0.0	0.0	0.0	0.0	0.0	36
Loader_1	Loader_1	710250.0	4936074.9	252.1	0	70	13.9	A	51.1	0.0	0.4	0.0	0.7	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710263.2	4936095.5	253.2	0	70	13.9	A	49.6	0.0	0.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	34
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	51.0	0.0	-0.7	0.0	0.7	0.0	0.0	0.0	0.0	0.0	36
Loader_1	Loader_1	710276.6	4936051.6	252.5	0	70	15.8	A	49.8	0.0	0.3	0.0	0.6	0.0	0.0	0.0	0.0	0.0	35
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	51.4	0.0	0.5	0.0	0.7	0.0	0.0	0.0	0.0	0.0	30
Loader_1	Loader_1	710214.7	4936110.8	252.5	0	70	13.7	A	53.5	0.0	-2.1	0.0	0.9	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	58.8	0.0	-2.4	0.0	1.5	0.0	0.0	0.0	0.0	0.0	31
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	57.0	0.0	-2.2	0.0	1.3	0.0	0.0	0.0	0.0	0.0	28
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	56.2	0.0	-2.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	28
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	250.6	0	72	6.9	A	55.3	3.0	-1.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	249.6	0	72	6.9	A	55.3	3.0	-2.1	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	251.6	0	72	6.9	A	55.3	3.0	-1.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	253.6	0	72	6.9	A	55.3	3.0	-1.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	27
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	252.6	0	72	6.9	A	55.3	3.0	-1.5	0.0	0.4	0.0	0.0	0.0	0.0	0.0	27
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	249.7	0	72	7.0	A	54.7	3.0	-1.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	253.7	0	72	7.0	A	54.7	3.0	-1.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	252.7	0	72	7.0	A	54.7	3.0	-1.3	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	250.7	0	72	7.0	A	54.7	3.0	-1.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	251.7	0	72	7.0	A	54.7	3.0	-1.9	0.0	0.4	0.0	0.0	0.0	0.0	0.0	28

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

Receiver: R07
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	36

Receiver Name	Receiver ID	X	Y	Z
R07	R07	710397 m	4936150 m	252.5 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	57.2	0.0	0.0	7.0	1.3	0.0	0.0	0.0	0.0	0.0	25
Loader_1	Loader_1	710263.3	4936009.8	251.7	0	70	19.8	A	56.7	0.0	-1.7	4.8	1.3	0.0	0.0	0.0	0.0	0.0	29
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	54.8	0.0	0.6	4.0	1.0	0.0	0.0	0.0	0.0	0.0	27
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	54.7	0.0	0.1	5.7	1.0	0.0	0.0	0.0	0.0	0.0	25
Loader_1	Loader_1	710276.6	4936051.6	252.5	0	70	15.8	A	54.8	0.0	0.6	4.0	1.0	0.0	0.0	0.0	0.0	0.0	26
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	60.9	0.0	-2.2	4.8	1.9	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710214.7	4936110.8	252.5	0	70	13.7	A	56.4	0.0	-1.3	5.5	1.2	0.0	0.0	0.0	0.0	0.0	22
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	55.6	0.0	0.7	4.1	1.1	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	59.6	0.0	-1.8	4.8	1.6	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	58.9	0.0	-2.3	4.8	1.5	0.0	0.0	0.0	0.0	0.0	20
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	251.6	0	72	6.9	A	58.3	3.0	-1.2	4.7	0.5	0.0	0.0	0.0	0.0	0.0	19
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	250.6	0	72	6.9	A	58.3	3.0	-1.5	4.7	0.5	0.0	0.0	0.0	0.0	0.0	20
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	249.6	0	72	6.9	A	58.3	3.0	-1.9	4.8	0.5	0.0	0.0	0.0	0.0	0.0	20
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	253.6	0	72	6.9	A	58.3	3.0	-0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	252.6	0	72	6.9	A	58.3	3.0	-0.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	252.7	0	72	7.0	A	57.9	3.0	-0.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	253.7	0	72	7.0	A	57.9	3.0	-0.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	251.7	0	72	7.0	A	57.9	3.0	-1.0	4.7	0.5	0.0	0.0	0.0	0.0	0.0	20
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	249.7	0	72	7.0	A	57.9	3.0	-1.8	4.8	0.5	0.0	0.0	0.0	0.0	0.0	20
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	250.7	0	72	7.0	A	57.9	3.0	-1.4	4.7	0.5	0.0	0.0	0.0	0.0	0.0	20

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

Receiver: R08
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	33

Receiver Name	Receiver ID	X	Y	Z
R08	R08	710404 m	4936195 m	249.4 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	58.6	0.0	2.1	2.9	1.5	0.0	0.0	0.0	0.0	0.0	25
Loader_1	Loader_1	710263.3	4936009.8	251.7	0	70	19.8	A	58.3	0.0	-0.8	4.4	1.5	0.0	0.0	0.0	0.0	0.0	27
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	56.3	0.0	0.8	4.6	1.2	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	56.0	0.0	0.5	6.7	1.2	0.0	0.0	0.0	0.0	0.0	22
Loader_1	Loader_1	710276.6	4936051.6	252.5	0	70	15.8	A	56.7	0.0	0.9	4.5	1.2	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	62.0	0.0	-1.4	4.6	2.1	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710214.7	4936110.8	252.5	0	70	13.7	A	57.3	0.0	-0.3	4.8	1.3	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	57.2	0.0	1.0	5.5	1.3	0.0	0.0	0.0	0.0	0.0	18
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	60.8	0.0	-1.3	4.7	1.8	0.0	0.0	0.0	0.0	0.0	19
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	60.2	0.0	-1.3	4.7	1.7	0.0	0.0	0.0	0.0	0.0	18

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

Receiver: R09
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	32

Receiver Name	Receiver ID	X	Y	Z
R09	R09	710424 m	4936240 m	249.6 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	60.1	0.0	2.2	2.8	1.6	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710263.3	4936009.8	251.7	0	70	19.8	A	60.0	0.0	-0.8	4.3	1.7	0.0	0.0	0.0	0.0	0.0	25
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	58.1	0.0	0.6	4.4	1.4	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	57.8	0.0	0.6	5.1	1.4	0.0	0.0	0.0	0.0	0.0	22
Loader_1	Loader_1	710276.6	4936051.6	252.5	0	70	15.8	A	58.6	0.0	0.9	4.2	1.5	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	63.1	0.0	-1.4	4.4	2.3	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710214.7	4936110.8	252.5	0	70	13.7	A	58.8	0.0	-0.2	4.3	1.5	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	58.9	0.0	1.0	4.8	1.5	0.0	0.0	0.0	0.0	0.0	16
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	62.0	0.0	-1.3	4.5	2.1	0.0	0.0	0.0	0.0	0.0	17
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	61.5	0.0	-1.2	4.5	2.0	0.0	0.0	0.0	0.0	0.0	17

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

Receiver: R10
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	33

Receiver Name	Receiver ID	X	Y	Z
R10	R10	710412 m	4936263 m	252 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	60.5	0.0	0.1	0.0	1.7	0.0	0.0	0.0	0.0	0.0	28
Loader_1	Loader_1	710263.3	4936009.8	251.7	0	70	19.8	A	60.4	0.0	-1.7	4.8	1.8	0.0	0.0	0.0	0.0	0.0	25
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	58.5	0.0	-0.2	4.4	1.5	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	58.0	0.0	0.2	4.3	1.4	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710276.6	4936051.6	252.5	0	70	15.8	A	59.0	0.0	0.6	4.0	1.6	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	63.4	0.0	-2.5	4.8	2.3	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710214.7	4936110.8	252.5	0	70	13.7	A	58.9	0.0	-0.7	4.6	1.5	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	59.3	0.0	0.6	3.9	1.6	0.0	0.0	0.0	0.0	0.0	17
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	62.4	0.0	-2.3	4.8	2.1	0.0	0.0	0.0	0.0	0.0	18
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	61.9	0.0	-2.1	4.8	2.0	0.0	0.0	0.0	0.0	0.0	17

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

Receiver: R11
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	32

Receiver Name	Receiver ID	X	Y	Z
R11	R11	710404 m	4936292 m	252.1 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	61.0	0.0	0.1	0.0	1.8	0.0	0.0	0.0	0.0	0.0	27
Loader_1	Loader_1	710263.3	4936009.8	251.7	0	70	19.8	A	61.0	0.0	-1.7	4.8	1.9	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	59.1	0.0	-0.5	4.6	1.6	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	58.6	0.0	0.2	4.2	1.5	0.0	0.0	0.0	0.0	0.0	22
Loader_1	Loader_1	710276.6	4936051.6	252.5	0	70	15.8	A	59.7	0.0	0.6	3.9	1.7	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	63.8	0.0	-2.5	4.8	2.4	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710213.1	4936110.3	252.5	0	70	13.0	A	59.4	0.0	-0.7	0.0	1.6	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	59.8	0.0	0.6	3.9	1.7	0.0	0.0	0.0	0.0	0.0	16
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	62.9	0.0	-2.2	4.8	2.2	0.0	0.0	0.0	0.0	0.0	17
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	62.4	0.0	-2.1	4.8	2.1	0.0	0.0	0.0	0.0	0.0	16

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

Receiver: R12
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	28

Receiver Name	Receiver ID	X	Y	Z
R12	R12	710391 m	4936351 m	250.1 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	62.2	0.0	2.4	2.6	1.9	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710267.6	4936014.7	251.9	0	70	19.1	A	62.1	0.0	-0.6	4.9	2.1	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	60.5	0.0	0.0	7.4	1.8	0.0	0.0	0.0	0.0	0.0	18
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	59.9	0.0	0.6	5.3	1.7	0.0	0.0	0.0	0.0	0.0	19
Loader_1	Loader_1	710276.6	4936051.6	252.5	0	70	15.8	A	61.1	0.0	0.9	5.0	1.9	0.0	0.0	0.0	0.0	0.0	17
Loader_1	Loader_1	710215.2	4935909.8	248.0	0	70	16.5	A	64.5	0.0	-1.3	5.2	2.6	0.0	0.0	0.0	0.0	0.0	16

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

Receiver: R13
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	39

Receiver Name	Receiver ID	X	Y	Z
R13	R13	710203 m	4936244 m	261.5 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	57.9	0.0	-1.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	54.0	0.0	-0.3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	55.5	0.0	-1.7	0.0	1.1	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710244.7	4935988.8	250.9	0	70	15.8	A	59.3	0.0	-2.7	11.8	1.6	0.0	0.0	0.0	0.0	0.0	16
Loader_1	Loader_1	710276.0	4936024.2	252.2	0	70	17.5	A	58.3	0.0	-1.6	0.0	1.5	0.0	0.0	0.0	0.0	0.0	30
Loader_1	Loader_1	710214.7	4936110.8	252.5	0	70	13.7	A	53.5	0.0	-0.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	30
Loader_1	Loader_1	710276.6	4936051.6	252.5	0	70	15.8	A	57.3	0.0	-0.1	0.0	1.3	0.0	0.0	0.0	0.0	0.0	28
Loader_1	Loader_1	710216.6	4935911.9	248.1	0	70	16.0	A	61.4	0.0	-2.5	7.4	2.0	0.0	0.0	0.0	0.0	0.0	18
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	56.5	0.0	-1.9	0.0	1.2	0.0	0.0	0.0	0.0	0.0	27
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	60.6	0.0	-3.0	8.6	1.8	0.0	0.0	0.0	0.0	0.0	17

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

Receiver: R14
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	30

Receiver Name	Receiver ID	X	Y	Z
R14	R14	710073 m	4936232 m	256.4 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	59.4	0.0	1.2	8.1	1.5	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	57.6	0.0	-0.7	4.4	1.4	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710277.8	4936026.2	252.3	0	70	15.4	A	60.3	0.0	-1.6	8.5	1.8	0.0	0.0	0.0	0.0	0.0	17
Loader_1	Loader_1	710259.8	4936090.2	252.9	0	70	15.7	A	58.4	0.0	-1.0	4.4	1.5	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710218.4	4936111.9	252.4	0	70	12.1	A	56.5	0.0	-0.2	5.1	1.2	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710284.7	4936048.7	252.8	0	70	13.2	A	59.9	0.0	-0.3	4.4	1.7	0.0	0.0	0.0	0.0	0.0	18
Loader_1	Loader_1	710266.7	4936055.2	252.3	0	70	12.4	A	59.4	0.0	-0.8	5.8	1.6	0.0	0.0	0.0	0.0	0.0	17
Loader_1	Loader_1	710198.8	4935886.1	247.7	0	70	14.7	A	62.3	0.0	-0.1	4.4	2.1	0.0	0.0	0.0	0.0	0.0	16

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

Receiver: R15
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	37

Receiver Name	Receiver ID	X	Y	Z
R15	R15	710083 m	4935948 m	250.5 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	55.6	0.0	1.5	0.0	1.1	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710233.3	4935975.9	250.4	0	70	5.8	A	54.7	0.0	-0.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710264.6	4936011.3	251.7	0	70	19.6	A	56.7	0.0	-1.4	12.8	1.2	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	53.6	0.0	0.4	4.3	0.9	0.0	0.0	0.0	0.0	0.0	29
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	54.3	0.0	0.7	4.2	1.0	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	57.9	0.0	-1.7	0.0	1.4	0.0	0.0	0.0	0.0	0.0	30
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	54.5	0.0	0.3	0.0	1.0	0.0	0.0	0.0	0.0	0.0	28
Loader_1	Loader_1	710262.3	4936107.2	253.5	0	70	11.8	A	58.6	0.0	-1.7	0.0	1.5	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710240.4	4936111.5	252.7	0	70	14.7	A	58.1	0.0	-1.4	10.7	1.4	0.0	0.0	0.0	0.0	0.0	16
Loader_1	Loader_1	710286.8	4936048.0	252.8	0	70	12.2	A	58.1	0.0	-1.8	7.7	1.4	0.0	0.0	0.0	0.0	0.0	17
Loader_1	Loader_1	710268.8	4936054.4	252.3	0	70	13.4	A	57.6	0.0	-1.7	0.0	1.4	0.0	0.0	0.0	0.0	0.0	26
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	57.2	0.0	-1.6	0.0	1.3	0.0	0.0	0.0	0.0	0.0	26

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

Receiver: R16
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	38

Receiver Name	Receiver ID	X	Y	Z
R16	R16	710063 m	4935911 m	253 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	57.3	0.0	-0.4	0.0	1.3	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	54.3	0.0	-0.2	0.0	1.0	0.0	0.0	0.0	0.0	0.0	33
Loader_1	Loader_1	710237.4	4935980.5	250.6	0	70	12.1	A	56.5	0.0	-0.7	0.0	1.2	0.0	0.0	0.0	0.0	0.0	25
Loader_1	Loader_1	710268.7	4936015.9	251.9	0	70	18.9	A	58.3	0.0	-2.1	10.5	1.5	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	55.5	0.0	0.4	0.0	1.1	0.0	0.0	0.0	0.0	0.0	28
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	59.3	0.0	-2.5	0.0	1.6	0.0	0.0	0.0	0.0	0.0	29
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	55.9	0.0	-0.3	0.0	1.2	0.0	0.0	0.0	0.0	0.0	27
Loader_1	Loader_1	710259.7	4936107.7	253.4	0	70	13.1	A	59.9	0.0	-2.6	0.0	1.7	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710237.9	4936112.0	252.6	0	70	13.8	A	59.5	0.0	-2.3	10.1	1.6	0.0	0.0	0.0	0.0	0.0	15
Loader_1	Loader_1	710284.0	4936049.0	252.7	0	70	13.5	A	59.3	0.0	-2.5	7.8	1.6	0.0	0.0	0.0	0.0	0.0	18
Loader_1	Loader_1	710266.0	4936055.4	252.3	0	70	12.0	A	58.9	0.0	-2.4	0.0	1.5	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	58.6	0.0	-2.3	0.0	1.5	0.0	0.0	0.0	0.0	0.0	25

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

Receiver: R17
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	38

Receiver Name	Receiver ID	X	Y	Z
R17	R17	710050 m	4935865 m	252.5 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	58.8	0.0	-0.2	0.0	1.5	0.0	0.0	0.0	0.0	0.0	30
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	55.3	0.0	-0.4	0.0	1.1	0.0	0.0	0.0	0.0	0.0	33
Loader_1	Loader_1	710246.9	4935991.3	251.0	0	70	16.5	A	58.4	0.0	-1.6	0.0	1.5	0.0	0.0	0.0	0.0	0.0	29
Loader_1	Loader_1	710278.2	4936026.6	252.3	0	70	16.9	A	59.9	0.0	-2.1	5.8	1.7	0.0	0.0	0.0	0.0	0.0	22
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	56.8	0.0	0.3	0.0	1.3	0.0	0.0	0.0	0.0	0.0	26
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	60.6	0.0	-2.4	0.0	1.8	0.0	0.0	0.0	0.0	0.0	27
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	57.3	0.0	-0.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	25
Loader_1	Loader_1	710256.4	4936108.3	253.3	0	70	14.3	A	61.1	0.0	-2.5	0.0	1.9	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710281.3	4936049.9	252.7	0	70	14.5	A	60.4	0.0	-2.3	8.2	1.8	0.0	0.0	0.0	0.0	0.0	17
Loader_1	Loader_1	710263.4	4936056.4	252.2	0	70	10.1	A	60.1	0.0	-2.3	0.0	1.7	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	60.0	0.0	-2.3	0.0	1.7	0.0	0.0	0.0	0.0	0.0	23

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

Receiver: R18
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	36

Receiver Name	Receiver ID	X	Y	Z
R18	R18	710003 m	4935876 m	252.4 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
AC	AC	710234.9	4936025.1	254.5	0	90	0.0	A	59.8	0.0	-0.3	0.0	1.6	0.0	0.0	0.0	0.0	0.0	29
Loader_1	Loader_1	710209.1	4935901.1	247.9	0	70	18.2	A	57.3	0.0	-0.3	0.0	1.3	0.0	0.0	0.0	0.0	0.0	30
Loader_1	Loader_1	710238.6	4935981.8	250.6	0	70	12.9	A	59.2	0.0	-0.8	0.0	1.6	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710269.8	4936017.2	251.9	0	70	18.7	A	60.6	0.0	-2.0	9.2	1.8	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	61.3	0.0	-2.3	0.0	1.9	0.0	0.0	0.0	0.0	0.0	26
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	58.4	0.0	0.3	0.0	1.5	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710262.6	4936107.1	253.5	0	70	11.6	A	61.8	0.0	-2.4	0.0	2.0	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710284.4	4936048.8	252.7	0	70	13.3	A	61.4	0.0	-2.3	6.8	1.9	0.0	0.0	0.0	0.0	0.0	16
Loader_1	Loader_1	710266.4	4936055.3	252.3	0	70	12.2	A	61.1	0.0	-2.3	0.0	1.9	0.0	0.0	0.0	0.0	0.0	22
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	58.7	0.0	-0.3	0.0	1.5	0.0	0.0	0.0	0.0	0.0	23
Loader_1	Loader_1	710251.0	4936061.4	251.8	0	70	12.2	A	60.8	0.0	-2.2	0.0	1.8	0.0	0.0	0.0	0.0	0.0	22

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

Receiver: R19
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	40

Receiver Name	Receiver ID	X	Y	Z
R19	R19	710126 m	4935800 m	251.6 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
Loader_1	Loader_1	710199.8	4935887.6	247.7	0	70	15.2	A	52.2	0.0	-1.4	0.0	0.8	0.0	0.0	0.0	0.0	0.0	34
Loader_1	Loader_1	710218.5	4935914.6	248.1	0	70	15.2	A	54.4	0.0	-2.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710263.3	4936009.8	251.7	0	70	19.8	A	59.0	0.0	-2.4	0.0	1.6	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	55.8	0.0	-2.1	0.0	1.1	0.0	0.0	0.0	0.0	0.0	30
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	60.9	0.0	-2.3	6.4	1.9	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	56.8	0.0	-0.7	0.0	1.3	0.0	0.0	0.0	0.0	0.0	26
Loader_1	Loader_1	710284.7	4936048.7	252.8	0	70	13.2	A	60.4	0.0	-2.7	0.0	1.8	0.0	0.0	0.0	0.0	0.0	24
Loader_1	Loader_1	710255.9	4936108.4	253.3	0	70	14.5	A	61.5	0.0	-2.5	4.5	2.0	0.0	0.0	0.0	0.0	0.0	19
Loader_1	Loader_1	710234.1	4936112.7	252.5	0	70	12.1	A	61.4	0.0	-2.4	0.0	1.9	0.0	0.0	0.0	0.0	0.0	22
Loader_1	Loader_1	710222.7	4936113.3	252.3	0	70	8.5	A	61.3	0.0	-2.4	0.0	1.9	0.0	0.0	0.0	0.0	0.0	18
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	251.6	0	72	6.9	A	57.7	3.0	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	252.6	0	72	6.9	A	57.7	3.0	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	253.6	0	72	6.9	A	57.7	3.0	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	250.6	0	72	6.9	A	57.7	3.0	-0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	249.6	0	72	6.9	A	57.7	3.0	-1.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	252.7	0	72	7.0	A	58.1	3.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	253.7	0	72	7.0	A	58.1	3.0	0.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	23
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	250.7	0	72	7.0	A	58.1	3.0	-1.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	24
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	249.7	0	72	7.0	A	58.1	3.0	-1.6	0.0	0.5	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	251.7	0	72	7.0	A	58.1	3.0	-0.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	23

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

Receiver: R20
Project: Buckhorn Yacht Harbour
Project Number: 22585

Time Period	Total (dBA)*
Day	41

Receiver Name	Receiver ID	X	Y	Z
R20	R20	710198 m	4935798 m	251.5 m

Source ID	Source Name	X	Y	Z	Refl.	Lw	L/A	Freq	Adiv	K0	Agr	Abar	Aatm	Afol	Ahous	Cmet	Dc	RL	Lr
Loader_1	Loader_1	710199.8	4935887.6	247.7	0	70	15.2	A	50.1	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	35
Loader_1	Loader_1	710218.5	4935914.6	248.1	0	70	15.2	A	52.5	0.0	0.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	32
Loader_1	Loader_1	710263.3	4936009.8	251.7	0	70	19.8	A	57.9	0.0	-2.3	0.0	1.4	0.0	0.0	0.0	0.0	0.0	33
Loader_1	Loader_1	710228.4	4935941.4	249.0	0	70	14.3	A	54.3	0.0	-0.8	0.0	1.0	0.0	0.0	0.0	0.0	0.0	30
Loader_1	Loader_1	710230.6	4935964.6	250.0	0	70	13.0	A	55.6	0.0	-1.7	0.0	1.1	0.0	0.0	0.0	0.0	0.0	28
Loader_1	Loader_1	710256.6	4936085.2	252.7	0	70	16.9	A	60.3	0.0	-2.1	7.3	1.8	0.0	0.0	0.0	0.0	0.0	20
Loader_1	Loader_1	710279.4	4936050.6	252.6	0	70	15.1	A	59.5	0.0	-2.7	0.0	1.6	0.0	0.0	0.0	0.0	0.0	27
Loader_1	Loader_1	710247.9	4936110.0	253.0	0	70	16.5	A	61.0	0.0	-3.2	6.0	1.9	0.0	0.0	0.0	0.0	0.0	21
Loader_1	Loader_1	710215.7	4936111.1	252.4	0	70	13.4	A	60.9	0.0	-2.9	5.9	1.9	0.0	0.0	0.0	0.0	0.0	18
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	251.6	0	72	6.9	A	56.8	3.0	-1.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	26
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	252.6	0	72	6.9	A	56.8	3.0	-1.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	26
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	253.6	0	72	6.9	A	56.8	3.0	-0.9	0.0	0.5	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	250.6	0	72	6.9	A	56.8	3.0	-1.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	26
Warehouse_door_1	Warehouse_door_1	710227.3	4935990.5	249.6	0	72	6.9	A	56.8	3.0	-2.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	27
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	252.7	0	72	7.0	A	57.2	3.0	-1.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	253.7	0	72	7.0	A	57.2	3.0	-0.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	25
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	250.7	0	72	7.0	A	57.2	3.0	-1.7	0.0	0.5	0.0	0.0	0.0	0.0	0.0	26
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	249.7	0	72	7.0	A	57.2	3.0	-2.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	26
Warehouse_door_2	Warehouse_door_2	710235.5	4935998.6	251.7	0	72	7.0	A	57.2	3.0	-1.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	25

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

End of Report