Stationary Noise Impact Study

272-274 Sunview Street, Waterloo, Ontario

JJ-00884

October 20, 2026, Reference No. JJ-00884

Rick Zhu
Dennis Home Corp.

Dear Mr. Zhu:

Re: Stationary Noise Impact Study
272-274 Sunview Street, Waterloo Ontario

1. Introduction

JJ Acoustic Engineering Ltd. (JJAE) was retained to complete a Stationary Noise Impact Study (Study) for the development located at 272-274 Sunview Street, Waterloo Ontario (Site). The Site will be developed into four townhouse blocks of 3-storey units. JJAE has provided a copy of the most up-to-date Site Plan in Attachment A.

The Study was prepared consistent with Ontario Ministry of the Environment, Conservation and Park (MOECP) NPC 300, "Environmental Noise Guideline, Stationary and Transportation Sources–Approval and Planning" dated August 2013, The Regional Municipality of Waterloo Noise Policy Implementation Guideline dated October 22, 2019, and City of Waterloo Terms of Reference (TOR).

This Study has determined that the potential environmental noise impact from stationary noise is not significant.

JJ Acoustic Engineering Ltd.
joey@jjae.ca
226-346-6473

The following attachments were included with this Study:

- Attachment A – Site Plan
- Attachment B – Stationary Noise Impact Figures
- Attachment C – Stationary Noise Impact Source Table
- Attachment D – Owners Statement
- Attachment E – Consultant's Declaration

2. Stationary Noise Impact Analysis

2.1 Stationary Noise Impact Sound Level Criteria

The general criteria for stationary noise sources are defined by NPC 300. The criteria defined in Table C-5 and C-6, "Exclusion Limit Values of One-Hour Equivalent Sound Level (Leq, dBA) Outdoor Points of Reception" and "Exclusion Limit Values of One-Hour Equivalent Sound Level (Leq, dBA) Plane of Window of Noise Sensitive Spaces" are used to evaluate the noise impact at the proposed development.

The criteria for a Class 1 area have been summarized below:

Receiver Category	Time Period	Stationary Noise Criteria
Outdoor Living Area (OLA)	Day = 07:00 to 19:00	Leq = 50 dBA
	Evening = 19:00 to 23:00	Leq = 45 dBA
Plane of Window (POW)	Day = 07:00 to 23:00	Leq = 50 dBA
	Night = 23:00 to 07:00	Leq = 45 dBA

2.2 Modelling Methodology

The stationary noise impact was evaluated using the CADNA A acoustic modelling software that is based on the ISO 9613-2 standard. The data for all potential stationary noise sources was summarized in Attachment C.

- **Ground Absorption**: Default ground absorption coefficient of 0.3 was used.
- **Temperature**: 10°C
- **Humidity**: 70%
- **Building Reflection Coefficient**: Absorption Coefficient Alpha of 0.37 (Reflection Loss of 2dB, Structured Façade) was used.
- **Time-Weighted Adjustment:** where sources operate non-continuously JJAE has provided operating times and as shown in Sections 4 and 5.
- **Tonality**: A 5 dBA tonal penalty was applied to all tonal sources, where applicable. JJAE has provided a (T) for sources identified as tonal in Sections 4 and 5.
- **Reflection Order**: A maximum reflection order of 1 was used to evaluate indirect noise impact.

3. Noise Impact Summary – From Site to Environment

The mechanical equipment for these buildings is similar to that of a single-family home and considered to be environmentally insignificant. Therefore, the noise impact from the Site to the neighboring buildings is considered to be environmentally insignificant.

4. Noise Impact Summary – From Environment to Site

4.1 Noise Impact from Environment to Site

JJAE has identified the following equipment which are located at the neighboring buildings.

- Representative MUA (Steady)
- 4 FAN HVAC (60 minutes during the daytime and 30 minutes during the nighttime)
- Medium HVAC (60 minutes during the daytime and 30 minutes during the nighttime)
- Small HVAC (60 minutes during the daytime and 30 minutes during the nighttime)
- Representative Cooling Tower (60 minutes during the daytime and 30 minutes during the nighttime)
- Representative Chiller (60 minutes during the daytime and 30 minutes during the nighttime)
- Parking Garage Exhaust (Steady)

JJAE modelled the noise impact from all significant noise sources from the neighboring buildings to the Site. The results are summarized in the following table and illustrated on Attachment B - Figure 1.

Block A	Worst Case Daytime Sound Level (dBA)	Daytime Noise Limit (dBA)	Worst Case Nighttime Sound Level (dBA)	Nighttime Noise Limit (dBA)	Limits met
North	45	50	42	45	Yes
East	43	50	41	45	Yes
South	46	50	43	45	Yes
West	46	50	43	45	Yes
OLA #1	40	50	N/A	N/A	Yes
WCPOR (3rd Floor, West Façade,)	46	50	43	45	Yes

From the table above it can be seen that the noise impact to Block A façade and OLA are below Class 1 noise limits

Block B	Worst Case Daytime Sound Level (dBA)	Daytime Noise Limit (dBA)	Worst Case Nighttime Sound Level (dBA)	Nighttime Noise Limit (dBA)	Limits met
North	44	50	41	45	Yes
East	42	50	39	45	Yes
South	46	50	43	45	Yes
West	44	50	41	45	Yes
OLA #2	40	50	N/A	N/A	Yes
WCPOR (3rd Floor, South Façade,)	46	50	43	45	Yes

From the table above it can be seen that the noise impact to Block B façade and OLA are below Class 1 noise limits.

Block C	Worst Case Daytime Sound Level (dBA)	Daytime Noise Limit (dBA)	Worst Case Nighttime Sound Level (dBA)	Nighttime Noise Limit (dBA)	Limits met
North	42	50	39	45	Yes
East	43	50	40	45	Yes
South	46	50	44	45	Yes
West	46	50	43	45	Yes
OLA #3	42	50	N/A	N/A	Yes
WCPOR (3rd Floor, South Façade,)	46	50	44	45	Yes

From the table above it can be seen that the noise impact to Block C façade and OLA are below Class 1 noise limits.

Block D	Worst Case Daytime Sound Level (dBA)	Daytime Noise Limit (dBA)	Worst Case Nighttime Sound Level (dBA)	Nighttime Noise Limit (dBA)	Limits met
North	41	50	38	45	Yes
East	42	50	39	45	Yes
South	46	50	43	45	Yes
West	43	50	41	45	Yes
OLA #4	41	50	N/A	N/A	Yes
WCPOR (3rd Floor, South Façade,)	46	50	43	45	Yes

From the table above it can be seen that the noise impact to Block D façade and OLA are below Class 1 noise limits.

5. Recommendations

The mechanical equipment for these buildings is similar to a single-family home and considered to be environmentally insignificant. Therefore, the noise impact from the Site to the neighboring buildings is environmentally insignificant.

The stationary noise impacts from the neighboring buildings to the Site were evaluated and the sound level predictions were determined to be below the Class 1 noise limits for each block's façades and OLA's.

6. Conclusions

The results of this Study indicate that the potential environmental impacts from stationary noise sources is not significant to all blocks and OLA's. Noise impact mitigation measures will not be required. Therefore, this development is feasible with respect to RMWNPIG, NPC-300 and TOR.

Should you have any questions on the above, please do not hesitate to contact us.

Written By:

Oct. 20, 2026

Emmanuel Ghiorghis
Acoustic Technician

Reviewed by:



Joey Jraige, P.Eng., B.A.Sc.
President (Owner)

JJ Acoustic Engineering Ltd.
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ATTACHMENT A



CONCEPT PLAN

272 & 274 Sunview Street, City of Waterloo,
Region of Waterloo 2430E

LEGEND

Subject Lands

SITE STATISTICS

Zone Provisions ((H)RN-6) - *Townhouse Building - Neighbourhood Frontage* City of Waterloo Zoning By-law 2018-050		
	Required (min)	Provided
Lot Area	-	0.1347ha
Lot Width	5.5m	33.5m
Street Line	3.0-6.0m	3.0m
Side Yard - North	3.0m	3.0m
Side Yard - South	3.0m	3.0m
Rear Yard	7.5m	4.2m
Height of 1st Storey	4.0m	2.7m
Density	250 bdrms/ha (max.)	476 bdrms/ha
Bldg Height	4.0-21.5m	9.0m
No. First Storey Entrances to Buildings	1 per dwelling unit	16
Amenity Area	129m² (3.0m² (1st bdrm) + 2m² (each add'l bdrm))	136m² (rear patio + 3rd floor balcony)
Landscaped Open Space	30%	30.5% (412m²)
Parking	0 spaces (0.0 spaces/unit)	0 spaces
Bicycle Parking	16 spaces (1 space/dwelling unit)	16 spaces
Number of Units - 16 (64 Bedrooms)		
Cluster Development (3.C.10) City of Waterloo Zoning By-law 2018-050		
	Required (min)	Provided
Common Element Road or Private Road Width (two-way)	6.10m	3.50m
Common Element Road or Private Road setback where a driveway is provided for a dwelling unit	6.00m	n/a
Interior Lot Line - North	7.50m	3.00m
Interior Lot Line - South	7.50m	3.00m
Building Separation - Residential	2.40m	2.50m

NOTES

1. All dimensions are in metres unless otherwise shown.
2. All snow storage shall be stored on-site. Surplus snow storage shall be removed off-site at Owner's expense by private removal service.
3. Private garbage collection, by pick-up truck, will be provided to each unit on a weekly basis. Vehicle will back up into the site and exit in a forward motion.
4. Contains information licensed under the Open Government Licence - Ontario.

DATE: September 9, 2026

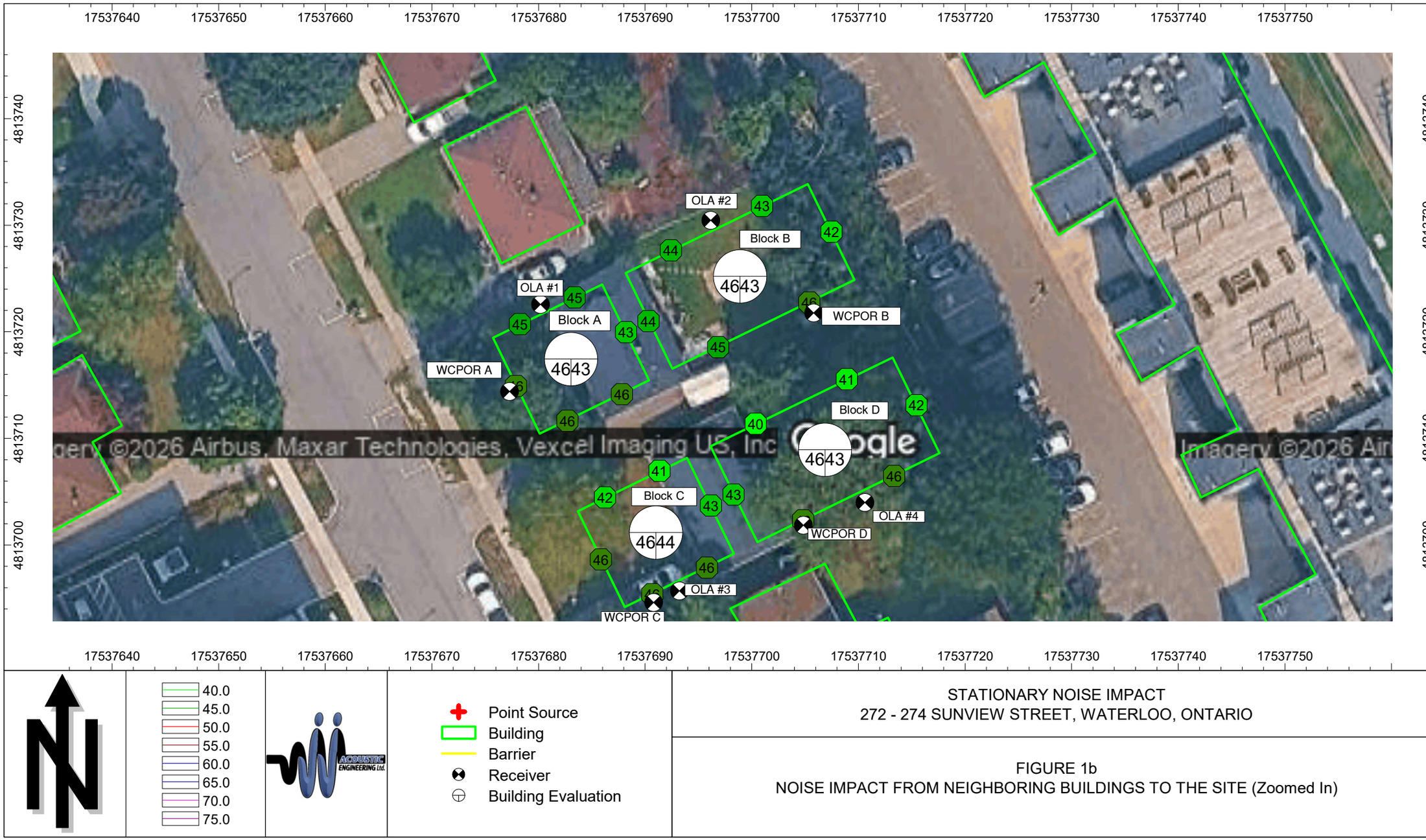
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MHBC PLANNING URBAN DESIGN & LANDSCAPE ARCHITECTURE

ATTACHMENT B

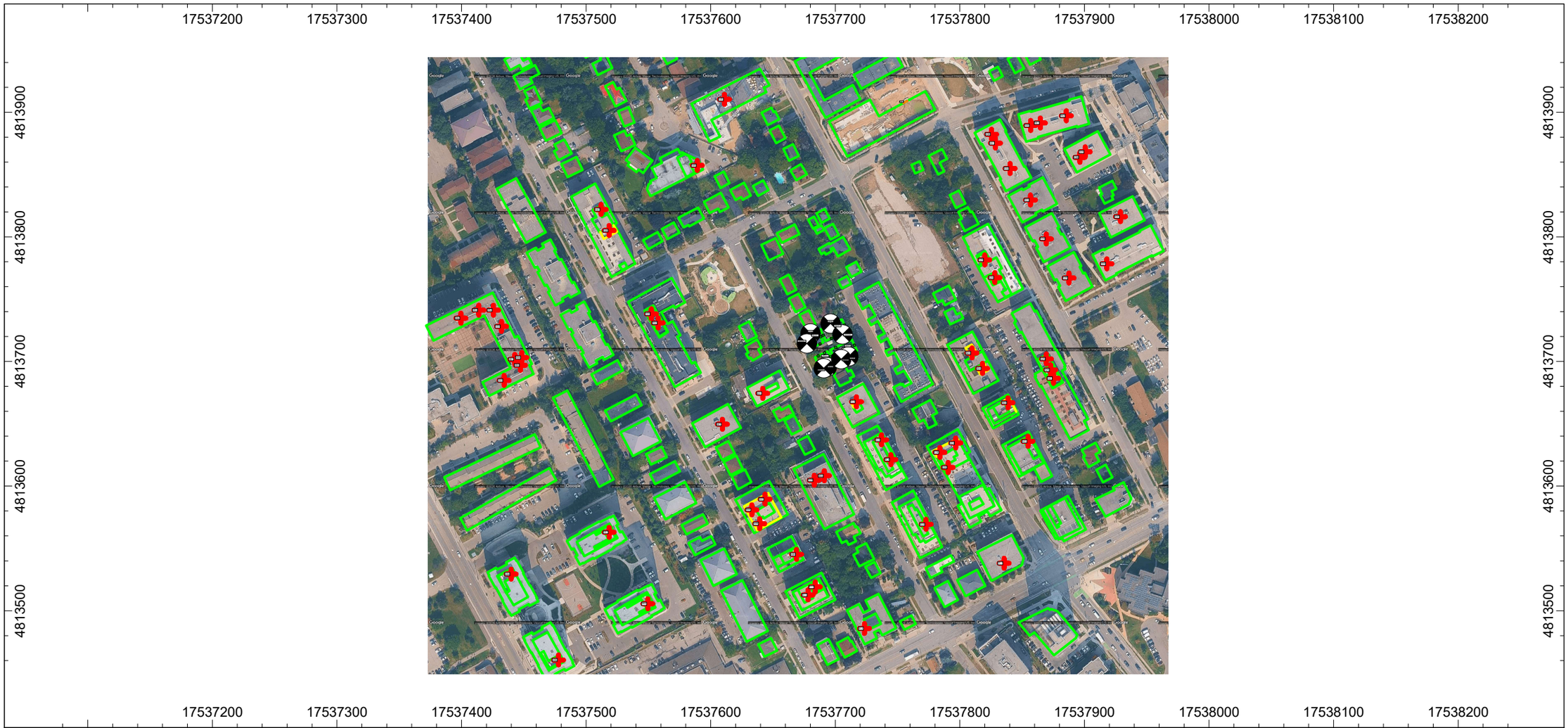


40.0
45.0
50.0
55.0
60.0
65.0
70.0
75.0

Point Source
Building
Barrier
Receiver
Building Evaluation

STATIONARY NOISE IMPACT
272 - 274 SUNVIEW STREET, WATERLOO, ONTARIO

FIGURE 1b
NOISE IMPACT FROM NEIGHBORING BUILDINGS TO THE SITE (Zoomed In)



40.0
45.0
50.0
55.0
60.0
65.0
70.0
75.0

Point Source
vert. Area Source
Building
Barrier
Receiver
Building Evaluation

STATIONARY NOISE IMPACT
272 - 274 SUNVIEW STREET, WATERLOO, ONTARIO

FIGURE 1a
NOISE IMPACT FROM NEIGHBORING BUILDINGS TO THE SITE (Zoomed Out)

Receiver
Name: OLA #1
ID:
X: 17537680.18 m
Y: 4813722.58 m
Z: 1.50 m

Point Source, ISO 9613, Name: "S47", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
31	17537512.05	4813822.01	22.00	0	D	A	97.9	0.0	0.0	0.0	0.0	56.9	0.7	1.8	0.0	0.0	5.0	0.0	0.0	33.5
31	17537512.05	4813822.01	22.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	56.9	0.7	1.8	0.0	0.0	5.0	0.0	0.0	30.5
33	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	57.0	0.7	1.8	0.0	0.0	6.9	0.0	2.7	28.8
33	17537512.05	4813822.01	22.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	57.0	0.7	1.8	0.0	0.0	6.9	0.0	2.7	25.8
35	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	57.0	0.7	1.8	0.0	0.0	5.1	0.0	2.1	31.1
35	17537512.05	4813822.01	22.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	57.0	0.7	1.8	0.0	0.0	5.1	0.0	2.1	28.1

Point Source, ISO 9613, Name: "S02", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
93	17537557.92	4813730.96	25.40	0	D	A	91.0	0.0	0.0	0.0	0.0	52.9	0.6	0.6	0.0	0.0	11.7	0.0	0.0	25.1
93	17537557.92	4813730.96	25.40	0	N	A	91.0	0.0	-3.0	0.0	0.0	52.9	0.6	0.6	0.0	0.0	11.7	0.0	0.0	22.1
103	17537557.92	4813730.96	25.40	1	D	A	91.0	0.0	0.0	0.0	0.0	53.4	0.7	0.6	0.0	0.0	12.1	0.0	2.0	22.2

Point Source, ISO 9613, Name: "S07", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
142	17537643.60	4813589.44	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	53.9	0.7	0.6	0.0	0.0	15.1	0.0	0.0	20.6

Point Source, ISO 9613, Name: "S46", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
260	17537589.30	4813857.35	19.75	0	D	A	91.0	0.0	0.0	0.0	0.0	55.3	0.8	0.7	0.0	0.0	7.2	0.0	0.0	27.0
260	17537589.30	4813857.35	19.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	55.3	0.8	0.7	0.0	0.0	7.2	0.0	0.0	24.0
297	17537589.30	4813857.35	19.75	1	D	A	91.0	0.0	0.0	0.0	0.0	57.6	1.0	0.8	0.0	0.0	0.0	0.0	2.1	29.5
297	17537589.30	4813857.35	19.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	57.6	1.0	0.8	0.0	0.0	0.0	0.0	2.1	26.5

Point Source, ISO 9613, Name: "S45", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
444	17537611.18	4813910.45	21.75	0	D	A	91.0	0.0	0.0	0.0	0.0	57.1	1.0	0.7	0.0	0.0	12.0	0.0	0.0	20.2
446	17537611.18	4813910.45	21.75	1	D	A	91.0	0.0	0.0	0.0	0.0	59.6	1.2	0.8	0.0	0.0	3.7	0.0	2.1	23.6
446	17537611.18	4813910.45	21.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	59.6	1.2	0.8	0.0	0.0	3.7	0.0	2.1	20.6

Point Source, ISO 9613, Name: "S48", ID: "Representative_MUA"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
519	17537518.60	4813805.13	20.75	0	DEN	A	80.6	0.0	0.0	0.0	0.0	56.2	0.7	0.7	0.0	0.0	0.0	0.0	0.0	23.0
522	17537518.60	4813805.13	20.75	1	DEN	A	80.6	0.0	0.0	0.0	0.0	56.4	0.7	0.7	0.0	0.0	0.0	0.0	2.0	20.8

Point Source, ISO 9613, Name: "S30", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
536	17537825.45	4813882.41	16.75	0	D	A	91.0	0.0	0.0	0.0	0.0	57.7	1.0	0.8	0.0	0.0	0.0	0.0	0.0	31.5
536	17537825.45	4813882.41	16.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	57.7	1.0	0.8	0.0	0.0	0.0	0.0	0.0	28.5

Point Source, ISO 9613, Name: "S56", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
640	17537448.46	4813703.24	31.75	0	D	A	91.0	0.0	0.0	0.0	0.0	58.4	1.1	0.8	0.0	0.0	8.9	0.0	0.0	21.7

Point Source, ISO 9613, Name: "S40", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
670	17537856.83	4813889.40	16.75	0	D	A	91.0	0.0	0.0	0.0	0.0	58.7	1.1	0.8	0.0	0.0	3.7	0.0	0.0	26.6
670	17537856.83	4813889.40	16.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	58.7	1.1	0.8	0.0	0.0	3.7	0.0	0.0	23.6
709	17537856.83	4813889.40	16.75	1	D	A	91.0	0.0	0.0	0.0	0.0	60.1	1.3	0.8	0.0	0.0	3.6	0.0	2.0	23.1
709	17537856.83	4813889.40	16.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	60.1	1.3	0.8	0.0	0.0	3.6	0.0	2.0	20.1

Point Source, ISO 9613, Name: "S31", ID: "Representative_MUA"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
769	17537828.68	4813875.30	16.75	0	DEN	A	80.6	0.0	0.0	0.0	0.0	57.6	0.8	0.7	0.0	0.0	0.0	0.0	0.0	21.5

Receiver
Name: OLA #2
ID:
X: 17537696.15 m
Y: 4813730.46 m
Z: 1.50 m

Point Source, ISO 9613, Name: "S47", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
4	17537512.05	4813822.01	22.00	0	D	A	97.9	0.0	0.0	0.0	0.0	57.3	0.7	1.8	0.0	0.0	9.4	0.0	0.0	28.6
4	17537512.05	4813822.01	22.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	57.3	0.7	1.8	0.0	0.0	9.4	0.0	0.0	25.6
23	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	58.4	0.8	1.9	0.0	0.0	4.7	0.0	11.3	20.9
26	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	57.4	0.7	1.8	0.0	0.0	9.9	0.0	2.2	25.8
26	17537512.05	4813822.01	22.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	57.4	0.7	1.8	0.0	0.0	9.9	0.0	2.2	22.8
34	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	57.5	0.8	1.8	0.0	0.0	9.4	0.0	2.8	25.7
34	17537512.05	4813822.01	22.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	57.5	0.8	1.8	0.0	0.0	9.4	0.0	2.8	22.7

Point Source, ISO 9613, Name: "S02", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
141	17537557.92	4813730.96	25.40	1	D	A	91.0	0.0	0.0	0.0	0.0	56.7	0.9	0.7	0.0	0.0	10.3	0.0	2.1	20.4

Point Source, ISO 9613, Name: "S58", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
173	17537439.88	4813529.31	61.00	1	D	A	97.9	0.0	0.0	0.0	0.0	63.0	1.2	2.1	0.0	0.0	2.9	0.0	2.4	26.3
173	17537439.88	4813529.31	61.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	63.0	1.2	2.1	0.0	0.0	2.9	0.0	2.4	23.3

Point Source, ISO 9613, Name: "S46", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
292	17537589.30	4813857.35	19.75	0	D	A	91.0	0.0	0.0	0.0	0.0	55.4	0.8	0.7	0.0	0.0	0.0	0.0	0.0	34.0
292	17537589.30	4813857.35	19.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	55.4	0.8	0.7	0.0	0.0	0.0	0.0	0.0	31.0

Point Source, ISO 9613, Name: "S45", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
423	17537611.18	4813910.45	21.75	0	D	A	91.0	0.0	0.0	0.0	0.0	57.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	32.3
423	17537611.18	4813910.45	21.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	57.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	29.2

Point Source, ISO 9613, Name: "S30", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
426	17537825.45	4813882.41	16.75	0	D	A	91.0	0.0	0.0	0.0	0.0	57.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	32.3
426	17537825.45	4813882.41	16.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	57.0	1.0	0.7	0.0	0.0	0.0	0.0	0.0	29.2
428	17537825.45	4813882.41	16.75	1	D	A	91.0	0.0	0.0	0.0	0.0	58.6	1.1	0.8	0.0	0.0	3.9	0.0	2.0	24.5
428	17537825.45	4813882.41	16.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	58.6	1.1	0.8	0.0	0.0	3.9	0.0	2.0	21.5

Point Source, ISO 9613, Name: "S40", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
529	17537856.83	4813889.40	16.75	1	D	A	91.0	0.0	0.0	0.0	0.0	59.6	1.2	0.8	0.0	0.0	3.9	0.0	2.0	23.4
529	17537856.83	4813889.40	16.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	59.6	1.2	0.8	0.0	0.0	3.9	0.0	2.0	20.4

Point Source, ISO 9613, Name: "S43", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
744	17537885.06	4813997.82	4.55	0	D	A	91.0	0.0	0.0	0.0	0.0	61.3	1.4	0.5	0.0	0.0	4.1	0.0	0.0	23.7
744	17537885.06	4813997.82	4.55	0	N	A	91.0	0.0	-3.0	0.0	0.0	61.3	1.4	0.5	0.0	0.0	4.1	0.0	0.0	20.6

Receiver
Name: OLA #3
ID:
X: 17537693.21 m
Y: 4813695.68 m
Z: 1.50 m

Point Source, ISO 9613, Name: "S04", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
50	17537691.32	4813608.26	38.15	0	D	A	91.0	0.0	0.0	0.0	0.0	50.5	0.5	0.4	0.0	0.0	13.0	0.0	0.0	26.5
50	17537691.32	4813608.26	38.15	0	N	A	91.0	0.0	-3.0	0.0	0.0	50.5	0.5	0.4	0.0	0.0	13.0	0.0	0.0	23.5

Point Source, ISO 9613, Name: "S57", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
87	17537518.63	4813562.95	64.00	0	D	A	97.9	0.0	0.0	0.0	0.0	58.2	0.8	1.9	0.0	0.0	5.1	0.0	0.0	32.0
87	17537518.63	4813562.95	64.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	58.2	0.8	1.9	0.0	0.0	5.1	0.0	0.0	29.0
94	17537518.63	4813562.95	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	61.4	1.0	2.0	0.0	0.0	3.6	0.0	5.3	24.6
94	17537518.63	4813562.95	64.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	61.4	1.0	2.0	0.0	0.0	3.6	0.0	5.3	21.6

Point Source, ISO 9613, Name: "S60", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
113	17537549.63	4813505.56	64.00	0	D	A	97.9	0.0	0.0	0.0	0.0	58.8	0.8	1.9	0.0	0.0	5.0	0.0	0.0	31.3
113	17537549.63	4813505.56	64.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	58.8	0.8	1.9	0.0	0.0	5.0	0.0	0.0	28.3
115	17537549.63	4813505.56	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	62.7	1.2	2.1	0.0	0.0	5.6	0.0	6.2	20.2

Point Source, ISO 9613, Name: "S07", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
169	17537643.60	4813589.44	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	52.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	37.3
169	17537643.60	4813589.44	24.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	52.6	0.6	0.6	0.0	0.0	0.0	0.0	0.0	34.2

Point Source, ISO 9613, Name: "S06", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
220	17537633.17	4813580.96	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	53.4	0.7	0.6	0.0	0.0	1.4	0.0	0.0	35.0
220	17537633.17	4813580.96	24.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	53.4	0.7	0.6	0.0	0.0	1.4	0.0	0.0	32.0
224	17537633.17	4813580.96	24.75	1	D	A	91.0	0.0	0.0	0.0	0.0	53.6	0.7	0.6	0.0	0.0	5.5	0.0	2.0	28.6
224	17537633.17	4813580.96	24.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	53.6	0.7	0.6	0.0	0.0	5.5	0.0	2.0	25.6

Point Source, ISO 9613, Name: "S58", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
232	17537439.88	4813529.31	61.00	0	D	A	97.9	0.0	0.0	0.0	0.0	60.8	1.0	2.0	0.0	0.0	6.5	0.0	0.0	27.7
232	17537439.88	4813529.31	61.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	60.8	1.0	2.0	0.0	0.0	6.5	0.0	0.0	24.7

Point Source, ISO 9613, Name: "S59", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
294	17537477.83	4813460.49	61.00	0	D	A	97.9	0.0	0.0	0.0	0.0	61.2	1.0	2.0	0.0	0.0	3.5	0.0	0.0	30.1
294	17537477.83	4813460.49	61.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	61.2	1.0	2.0	0.0	0.0	3.5	0.0	0.0	27.1

Point Source, ISO 9613, Name: "S46", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
442	17537589.30	4813857.35	19.75	1	D	A	91.0	0.0	0.0	0.0	0.0	58.7	1.1	0.8	0.0	0.0	5.7	0.0	2.0	22.6

Point Source, ISO 9613, Name: "S56", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
610	17537448.46	4813703.24	31.75	1	D	A	91.0	0.0	0.0	0.0	0.0	61.2	1.4	0.9	0.0	0.0	4.2	0.0	2.0	21.3

Point Source, ISO 9613, Name: "S15", ID: "Medium_HVAC"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
918	17537737.20	4813637.11	40.75	0	D	A	79.9	0.0	0.0	0.0	0.0	49.4	0.4	0.3	0.0	0.0	6.6	0.0	0.0	23.2
918	17537737.20	4813637.11	40.75	0	N	A	79.9	0.0	-3.0	0.0	0.0	49.4	0.4	0.3	0.0	0.0	6.6	0.0	0.0	20.1

Receiver
Name: OLA #4
ID:
X: 17537710.62 m
Y: 4813703.99 m
Z: 1.50 m

Point Source, ISO 9613, Name: "S23", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
32	17537809.73	4813706.87	18.55	0	D	A	91.0	0.0	0.0	0.0	0.0	51.1	0.5	0.5	0.0	0.0	16.0	0.0	0.0	22.9
39	17537809.73	4813706.87	18.55	1	D	A	91.0	0.0	0.0	0.0	0.0	51.1	0.5	0.5	0.0	0.0	16.0	0.0	2.0	20.8
42	17537809.73	4813706.87	18.55	1	D	A	91.0	0.0	0.0	0.0	0.0	51.3	0.5	0.5	0.0	0.0	14.5	0.0	2.0	22.2

Point Source, ISO 9613, Name: "S04", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
57	17537691.32	4813608.26	38.15	0	D	A	91.0	0.0	0.0	0.0	0.0	51.4	0.6	0.5	0.0	0.0	16.0	0.0	0.0	22.6
64	17537691.32	4813608.26	38.15	1	D	A	91.0	0.0	0.0	0.0	0.0	51.5	0.6	0.5	0.0	0.0	15.9	0.0	2.0	20.6
67	17537691.32	4813608.26	38.15	1	D	A	91.0	0.0	0.0	0.0	0.0	54.8	0.8	0.7	0.0	0.0	3.9	0.0	2.1	28.8
67	17537691.32	4813608.26	38.15	1	N	A	91.0	0.0	-3.0	0.0	0.0	54.8	0.8	0.7	0.0	0.0	3.9	0.0	2.1	25.8

Point Source, ISO 9613, Name: "S57", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
96	17537518.63	4813562.95	64.00	0	D	A	97.9	0.0	0.0	0.0	0.0	58.8	0.8	1.9	0.0	0.0	4.8	0.0	0.0	31.6
96	17537518.63	4813562.95	64.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	58.8	0.8	1.9	0.0	0.0	4.8	0.0	0.0	28.6
104	17537518.63	4813562.95	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	58.8	0.8	1.9	0.0	0.0	4.9	0.0	5.7	25.8
104	17537518.63	4813562.95	64.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	58.8	0.8	1.9	0.0	0.0	4.9	0.0	5.7	22.8
106	17537518.63	4813562.95	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	60.9	1.0	2.0	0.0	0.0	3.8	0.0	5.4	24.9
106	17537518.63	4813562.95	64.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	60.9	1.0	2.0	0.0	0.0	3.8	0.0	5.4	21.9

Point Source, ISO 9613, Name: "S60", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
138	17537549.63	4813505.56	64.00	0	D	A	97.9	0.0	0.0	0.0	0.0	59.4	0.9	1.9	0.0	0.0	14.0	0.0	0.0	21.7
145	17537549.63	4813505.56	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	59.4	0.9	1.9	0.0	0.0	10.9	0.0	2.0	22.7

Point Source, ISO 9613, Name: "S07", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
262	17537643.60	4813589.44	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	53.6	0.7	0.6	0.0	0.0	13.2	0.0	0.0	22.9
264	17537643.60	4813589.44	24.75	1	D	A	91.0	0.0	0.0	0.0	0.0	53.7	0.7	0.6	0.0	0.0	13.0	0.0	2.0	21.0

Point Source, ISO 9613, Name: "S18", ID: "Representative_MUA"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
319	17537784.04	4813627.06	39.75	0	DEN	A	80.6	0.0	0.0	0.0	0.0	52.1	0.5	0.5	0.0	0.0	0.0	0.0	0.0	27.6
327	17537784.04	4813627.06	39.75	1	DEN	A	80.6	0.0	0.0	0.0	0.0	52.2	0.5	0.5	0.0	0.0	0.0	0.0	2.0	25.5

Point Source, ISO 9613, Name: "S19", ID: "Representative_MUA"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
336	17537796.67	4813634.57	39.75	0	DEN	A	80.6	0.0	0.0	0.0	0.0	52.4	0.5	0.5	0.0	0.0	0.0	0.0	0.0	27.3
343	17537796.67	4813634.57	39.75	1	DEN	A	80.6	0.0	0.0	0.0	0.0	52.5	0.5	0.5	0.0	0.0	0.0	0.0	2.0	25.1

Point Source, ISO 9613, Name: "S06", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
348	17537633.17	4813580.96	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	54.4	0.7	0.6	0.0	0.0	13.0	0.0	0.0	22.3
357	17537633.17	4813580.96	24.75	1	D	A	91.0	0.0	0.0	0.0	0.0	54.4	0.7	0.6	0.0	0.0	12.9	0.0	2.0	20.3

Point Source, ISO 9613, Name: "S58", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
404	17537439.88	4813529.31	61.00	0	D	A	97.9	0.0	0.0	0.0	0.0	61.3	1.0	2.0	0.0	0.0	3.3	0.0	0.0	30.2
404	17537439.88	4813529.31	61.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	61.3	1.0	2.0	0.0	0.0	3.3	0.0	0.0	27.2
433	17537439.88	4813529.31	61.00	1	D	A	97.9	0.0	0.0	0.0	0.0	62.9	1.2	2.1	0.0	0.0	3.0	0.0	5.1	23.7
433	17537439.88	4813529.31	61.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	62.9	1.2	2.1	0.0	0.0	3.0	0.0	5.1	20.7

Point Source, ISO 9613, Name: "S21", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
572	17537854.77	4813635.94	37.75	0	D	A	91.0	0.0	0.0	0.0	0.0	55.3	0.8	0.7	0.0	0.0	4.0	0.0	0.0	30.2
572	17537854.77	4813635.94	37.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	55.3	0.8	0.7	0.0	0.0	4.0	0.0	0.0	27.2
604	17537854.77	4813635.94	37.75	1	D	A	91.0	0.0	0.0	0.0	0.0	55.4	0.8	0.7	0.0	0.0	3.8	0.0	2.0	28.3
604	17537854.77	4813635.94	37.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	55.4	0.8	0.7	0.0	0.0	3.8	0.0	2.0	25.3

Point Source, ISO 9613, Name: "S22", ID: "HVAC_4_Fan"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
924	17537838.69	4813666.92	38.75	0	D	A	86.1	0.0	0.0	0.0	0.0	53.8	0.6	0.8	0.0	0.0	4.1	0.0	0.0	26.8
924	17537838.69	4813666.92	38.75	0	N	A	86.1	0.0	-3.0	0.0	0.0	53.8	0.6	0.8	0.0	0.0	4.1	0.0	0.0	23.8
933	17537838.69	4813666.92	38.75	1	D	A	86.1	0.0	0.0	0.0	0.0	54.3	0.6	0.9	0.0	0.0	0.0	0.0	2.3	28.0
933	17537838.69	4813666.92	38.75	1	N	A	86.1	0.0	-3.0	0.0	0.0	54.3	0.6	0.9	0.0	0.0	0.0	0.0	2.3	25.0
935	17537838.69	4813666.92	38.75	1	D	A	86.1	0.0	0.0	0.0	0.0	53.9	0.6	0.8	0.0	0.0	5.5	0.0	2.0	23.2
935	17537838.69	4813666.92	38.75	1	N	A	86.1	0.0	-3.0	0.0	0.0	53.9	0.6	0.8	0.0	0.0	5.5	0.0	2.0	20.2

Point Source, ISO 9613, Name: "S15", ID: "Medium_HVAC"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
1164	17537737.20	4813637.11	40.75	0	D	A	79.9	0.0	0.0	0.0	0.0	49.3	0.4	0.3	0.0	0.0	5.9	0.0	0.0	24.0
1164	17537737.20	4813637.11	40.75	0	N	A	79.9	0.0	-3.0	0.0	0.0	49.3	0.4	0.3	0.0	0.0	5.9	0.0	0.0	21.0
1170	17537737.20	4813637.11	40.75	1	D	A	79.9	0.0	0.0	0.0	0.0	49.5	0.4	0.3	0.0	0.0	6.4	0.0	2.0	21.2

Receiver
Name: WCPOR A
ID:
X: 17537677.28 m
Y: 4813714.40 m
Z: 7.50 m

Point Source, ISO 9613, Name: "S47", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
56	17537512.05	4813822.01	22.00	0	D	A	97.9	0.0	0.0	0.0	0.0	56.9	0.7	-0.9	0.0	0.0	6.4	0.0	0.0	34.8
56	17537512.05	4813822.01	22.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	56.9	0.7	-0.9	0.0	0.0	6.4	0.0	0.0	31.8
63	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	57.0	0.7	-0.9	0.0	0.0	7.9	0.0	2.5	30.6
63	17537512.05	4813822.01	22.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	57.0	0.7	-0.9	0.0	0.0	7.9	0.0	2.5	27.6
66	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	57.1	0.7	-0.9	0.0	0.0	6.5	0.0	2.1	32.4
66	17537512.05	4813822.01	22.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	57.1	0.7	-0.9	0.0	0.0	6.5	0.0	2.1	29.4

Point Source, ISO 9613, Name: "S57", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
70	17537518.63	4813562.95	64.00	0	D	A	97.9	0.0	0.0	0.0	0.0	58.1	0.8	-0.9	0.0	0.0	12.1	0.0	0.0	27.7
70	17537518.63	4813562.95	64.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	58.1	0.8	-0.9	0.0	0.0	12.1	0.0	0.0	24.7

Point Source, ISO 9613, Name: "S04", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
90	17537691.32	4813608.26	38.15	0	D	A	91.0	0.0	0.0	0.0	0.0	51.9	0.6	-0.9	0.0	0.0	10.4	0.0	0.0	29.0
90	17537691.32	4813608.26	38.15	0	N	A	91.0	0.0	-3.0	0.0	0.0	51.9	0.6	-0.9	0.0	0.0	10.4	0.0	0.0	26.0

Point Source, ISO 9613, Name: "S60", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
100	17537549.63	4813505.56	64.00	0	D	A	97.9	0.0	0.0	0.0	0.0	59.0	0.9	-0.9	0.0	0.0	12.6	0.0	0.0	26.3
100	17537549.63	4813505.56	64.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	59.0	0.9	-0.9	0.0	0.0	12.6	0.0	0.0	23.3

Point Source, ISO 9613, Name: "S02", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
117	17537557.92	4813730.96	25.40	0	D	A	91.0	0.0	0.0	0.0	0.0	52.7	0.6	-0.9	0.0	0.0	11.8	0.0	0.0	26.7
117	17537557.92	4813730.96	25.40	0	N	A	91.0	0.0	-3.0	0.0	0.0	52.7	0.6	-0.9	0.0	0.0	11.8	0.0	0.0	23.7
120	17537557.92	4813730.96	25.40	1	D	A	91.0	0.0	0.0	0.0	0.0	59.3	1.2	-0.9	0.0	0.0	8.5	0.0	2.0	20.9
134	17537557.92	4813730.96	25.40	1	D	A	91.0	0.0	0.0	0.0	0.0	53.2	0.7	-0.9	0.0	0.0	11.6	0.0	2.0	24.4
134	17537557.92	4813730.96	25.40	1	N	A	91.0	0.0	-3.0	0.0	0.0	53.2	0.7	-0.9	0.0	0.0	11.6	0.0	2.0	21.4

Point Source, ISO 9613, Name: "S07", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
151	17537643.60	4813589.44	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	53.3	0.7	-0.9	0.0	0.0	0.0	0.0	0.0	37.9
151	17537643.60	4813589.44	24.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	53.3	0.7	-0.9	0.0	0.0	0.0	0.0	0.0	34.9

Point Source, ISO 9613, Name: "S23", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
190	17537809.73	4813706.87	18.55	1	D	A	91.0	0.0	0.0	0.0	0.0	56.4	0.9	-0.9	0.0	0.0	0.0	0.0	2.0	32.5
190	17537809.73	4813706.87	18.55	1	N	A	91.0	0.0	-3.0	0.0	0.0	56.4	0.9	-0.9	0.0	0.0	0.0	0.0	2.0	29.5

Point Source, ISO 9613, Name: "S58", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
206	17537439.88	4813529.31	61.00	0	D	A	97.9	0.0	0.0	0.0	0.0	60.7	1.0	-0.9	0.0	0.0	9.3	0.0	0.0	27.8
206	17537439.88	4813529.31	61.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	60.7	1.0	-0.9	0.0	0.0	9.3	0.0	0.0	24.8

Point Source, ISO 9613, Name: "S06", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
213	17537633.17	4813580.96	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	54.0	0.7	-0.9	0.0	0.0	0.0	0.0	0.0	37.1
213	17537633.17	4813580.96	24.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	54.0	0.7	-0.9	0.0	0.0	0.0	0.0	0.0	34.1

Point Source, ISO 9613, Name: "S05", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
258	17537639.35	4813569.82	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	54.5	0.8	-0.9	0.0	0.0	15.8	0.0	0.0	20.7

Point Source, ISO 9613, Name: "S46", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
317	17537589.30	4813857.35	19.75	0	D	A	91.0	0.0	0.0	0.0	0.0	55.5	0.8	-0.9	0.0	0.0	0.0	0.0	0.0	35.5
317	17537589.30	4813857.35	19.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	55.5	0.8	-0.9	0.0	0.0	0.0	0.0	0.0	32.5
325	17537589.30	4813857.35	19.75	1	D	A	91.0	0.0	0.0	0.0	0.0	57.6	1.0	-0.9	0.0	0.0	0.0	0.0	2.1	31.2
325	17537589.30	4813857.35	19.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	57.6	1.0	-0.9	0.0	0.0	0.0	0.0	2.1	28.2

Point Source, ISO 9613, Name: "S18", ID: "Representative_MUA"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
329	17537784.04	4813627.06	39.75	0	DEN	A	80.6	0.0	0.0	0.0	0.0	54.0	0.6	-0.9	0.0	0.0	6.5	0.0	0.0	20.4

Point Source, ISO 9613, Name: "S21", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
447	17537854.77	4813635.94	37.75	0	D	A	91.0	0.0	0.0	0.0	0.0	56.9	0.9	-0.9	0.0	0.0	10.6	0.0	0.0	23.5
447	17537854.77	4813635.94	37.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	56.9	0.9	-0.9	0.0	0.0	10.6	0.0	0.0	20.5
466	17537854.77	4813635.94	37.75	1	D	A	91.0	0.0	0.0	0.0	0.0	58.5	1.1	-0.9	0.0	0.0	0.0	0.0	2.1	30.2
466	17537854.77	4813635.94	37.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	58.5	1.1	-0.9	0.0	0.0	0.0	0.0	2.1	27.2

Point Source, ISO 9613, Name: "S45", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
477	17537611.18	4813910.45	21.75	0	D	A	91.0	0.0	0.0	0.0	0.0	57.3	1.0	-0.9	0.0	0.0	0.0	0.0	0.0	33.6
477	17537611.18	4813910.45	21.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	57.3	1.0	-0.9	0.0	0.0	0.0	0.0	0.0	30.5
485	17537611.18	4813910.45	21.75	1	D	A	91.0	0.0	0.0	0.0	0.0	59.6	1.2	-0.9	0.0	0.0	0.0	0.0	2.1	29.0
485	17537611.18	4813910.45	21.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	59.6	1.2	-0.9	0.0	0.0	0.0	0.0	2.1	26.0
513	17537611.18	4813910.45	21.75	1	D	A	91.0	0.0	0.0	0.0	0.0	60.7	1.4	-0.9	0.0	0.0	5.0	0.0	2.1	22.7
552	17537611.18	4813910.45	21.75	1	D	A	91.0	0.0	0.0	0.0	0.0	58.3	1.1	-0.9	0.0	0.0	4.8	0.0	2.0	25.7
552	17537611.18	4813910.45	21.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	58.3	1.1	-0.9	0.0	0.0	4.8	0.0	2.0	22.6

Point Source, ISO 9613, Name: "S48", ID: "Representative_MUA"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
580	17537518.60	4813805.13	20.75	0	DEN	A	80.6	0.0	0.0	0.0	0.0	56.3	0.7	-0.8	0.0	0.0	0.0	0.0	0.0	24.5
583	17537518.60	4813805.13	20.75	1	DEN	A	80.6	0.0	0.0	0.0	0.0	56.4	0.7	-0.8	0.0	0.0	0.0	0.0	2.0	22.3

Point Source, ISO 9613, Name: "S56", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
607	17537448.46	4813703.24	31.75	0	D	A	91.0	0.0	0.0	0.0	0.0	58.2	1.1	-0.9	0.0	0.0	6.7	0.0	0.0	25.8
607	17537448.46	4813703.24	31.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	58.2	1.1	-0.9	0.0	0.0	6.7	0.0	0.0	22.8

Point Source, ISO 9613, Name: "S55", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
664	17537432.05	4813728.20	31.75	0	D	A	91.0	0.0	0.0	0.0	0.0	58.8	1.1	-0.9	0.0	0.0	9.6	0.0	0.0	22.3

Point Source, ISO 9613, Name: "S22", ID: "HVAC_4_Fan"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
814	17537838.69	4813666.92	38.75	0	D	A	86.1	0.0	0.0	0.0	0.0	55.7	0.7	-0.9	0.0	0.0	10.5	0.0	0.0	20.1
820	17537838.69	4813666.92	38.75	1	D	A	86.1	0.0	0.0	0.0	0.0	57.7	0.8	-0.9	0.0	0.0	0.0	0.0	2.1	26.3
820	17537838.69	4813666.92	38.75	1	N	A	86.1	0.0	-3.0	0.0	0.0	57.7	0.8	-0.9	0.0	0.0	0.0	0.0	2.1	23.3

Point Source, ISO 9613, Name: "S09", ID: "HVAC_4_Fan"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
824	17537669.02	4813545.17	39.35	0	D	A	86.1	0.0	0.0	0.0	0.0	55.7	0.7	-0.9	0.0	0.0	9.9	0.0	0.0	20.6

Point Source, ISO 9613, Name: "S15", ID: "Medium_HVAC"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
878	17537737.20	4813637.11	40.75	0	D	A	79.9	0.0	0.0	0.0	0.0	51.3	0.5	-0.9	0.0	0.0	1.8	0.0	0.0	27.2
878	17537737.20	4813637.11	40.75	0	N	A	79.9	0.0	-3.0	0.0	0.0	51.3	0.5	-0.9	0.0	0.0	1.8	0.0	0.0	24.2

Receiver
Name: WCPOR B
ID:
X: 17537705.80 m
Y: 4813721.77 m
Z: 7.50 m

Point Source, ISO 9613, Name: "S47", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
11	17537512.05	4813822.01	22.00	0	D	A	97.9	0.0	0.0	0.0	0.0	57.8	0.8	-0.9	0.0	0.0	16.1	0.0	0.0	24.1
11	17537512.05	4813822.01	22.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	57.8	0.8	-0.9	0.0	0.0	16.1	0.0	0.0	21.1
12	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	60.3	1.0	-0.9	0.0	0.0	10.4	0.0	2.1	25.0
12	17537512.05	4813822.01	22.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	60.3	1.0	-0.9	0.0	0.0	10.4	0.0	2.1	22.0
21	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	58.2	0.8	-0.9	0.0	0.0	8.6	0.0	2.1	29.0
21	17537512.05	4813822.01	22.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	58.2	0.8	-0.9	0.0	0.0	8.6	0.0	2.1	26.0
24	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	58.9	0.8	-0.9	0.0	0.0	15.8	0.0	2.8	20.4
27	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	57.9	0.8	-0.9	0.0	0.0	16.1	0.0	2.8	21.2
40	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	58.0	0.8	-0.9	0.0	0.0	16.1	0.0	2.2	21.7

Point Source, ISO 9613, Name: "S23", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
48	17537809.73	4813706.87	18.55	0	D	A	91.0	0.0	0.0	0.0	0.0	51.5	0.6	-0.9	0.0	0.0	12.1	0.0	0.0	27.8
48	17537809.73	4813706.87	18.55	0	N	A	91.0	0.0	-3.0	0.0	0.0	51.5	0.6	-0.9	0.0	0.0	12.1	0.0	0.0	24.8
55	17537809.73	4813706.87	18.55	1	D	A	91.0	0.0	0.0	0.0	0.0	57.5	1.0	-0.9	0.0	0.0	4.8	0.0	2.0	26.6
55	17537809.73	4813706.87	18.55	1	N	A	91.0	0.0	-3.0	0.0	0.0	57.5	1.0	-0.9	0.0	0.0	4.8	0.0	2.0	23.6
61	17537809.73	4813706.87	18.55	1	D	A	91.0	0.0	0.0	0.0	0.0	51.6	0.6	-0.9	0.0	0.0	12.0	0.0	2.0	25.7
61	17537809.73	4813706.87	18.55	1	N	A	91.0	0.0	-3.0	0.0	0.0	51.6	0.6	-0.9	0.0	0.0	12.0	0.0	2.0	22.7
69	17537809.73	4813706.87	18.55	1	D	A	91.0	0.0	0.0	0.0	0.0	51.8	0.6	-0.9	0.0	0.0	11.9	0.0	2.0	25.6
69	17537809.73	4813706.87	18.55	1	N	A	91.0	0.0	-3.0	0.0	0.0	51.8	0.6	-0.9	0.0	0.0	11.9	0.0	2.0	22.6

Point Source, ISO 9613, Name: "S57", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
72	17537518.63	4813562.95	64.00	0	D	A	97.9	0.0	0.0	0.0	0.0	59.0	0.9	-0.9	0.0	0.0	6.3	0.0	0.0	32.6
72	17537518.63	4813562.95	64.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	59.0	0.9	-0.9	0.0	0.0	6.3	0.0	0.0	29.6
78	17537518.63	4813562.95	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	60.5	1.0	-0.9	0.0	0.0	5.8	0.0	10.7	20.8
80	17537518.63	4813562.95	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	59.0	0.9	-0.9	0.0	0.0	6.5	0.0	2.4	30.1
80	17537518.63	4813562.95	64.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	59.0	0.9	-0.9	0.0	0.0	6.5	0.0	2.4	27.0

Point Source, ISO 9613, Name: "S04", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
107	17537691.32	4813608.26	38.15	0	D	A	91.0	0.0	0.0	0.0	0.0	52.5	0.6	-0.9	0.0	0.0	7.6	0.0	0.0	31.2
107	17537691.32	4813608.26	38.15	0	N	A	91.0	0.0	-3.0	0.0	0.0	52.5	0.6	-0.9	0.0	0.0	7.6	0.0	0.0	28.2
110	17537691.32	4813608.26	38.15	1	D	A	91.0	0.0	0.0	0.0	0.0	52.6	0.6	-0.9	0.0	0.0	8.0	0.0	2.0	28.6
110	17537691.32	4813608.26	38.15	1	N	A	91.0	0.0	-3.0	0.0	0.0	52.6	0.6	-0.9	0.0	0.0	8.0	0.0	2.0	25.6

Point Source, ISO 9613, Name: "S60", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
114	17537549.63	4813505.56	64.00	0	D	A	97.9	0.0	0.0	0.0	0.0	59.7	0.9	-0.9	0.0	0.0	6.2	0.0	0.0	32.0
114	17537549.63	4813505.56	64.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	59.7	0.9	-0.9	0.0	0.0	6.2	0.0	0.0	29.0
116	17537549.63	4813505.56	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	61.3	1.0	-0.9	0.0	0.0	5.7	0.0	2.3	28.5
116	17537549.63	4813505.56	64.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	61.3	1.0	-0.9	0.0	0.0	5.7	0.0	2.3	25.5
127	17537549.63	4813505.56	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	59.7	0.9	-0.9	0.0	0.0	6.3	0.0	2.0	29.8
127	17537549.63	4813505.56	64.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	59.7	0.9	-0.9	0.0	0.0	6.3	0.0	2.0	26.8

Point Source, ISO 9613, Name: "S07", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
175	17537643.60	4813589.44	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	54.4	0.7	-0.9	0.0	0.0	3.0	0.0	0.0	33.8

Point Source, ISO 9613, Name: "S07", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
175	17537643.60	4813589.44	24.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	54.4	0.7	-0.9	0.0	0.0	3.0	0.0	0.0	30.8
177	17537643.60	4813589.44	24.75	1	D	A	91.0	0.0	0.0	0.0	0.0	57.0	1.0	-0.9	0.0	0.0	9.6	0.0	2.1	22.3
185	17537643.60	4813589.44	24.75	1	D	A	91.0	0.0	0.0	0.0	0.0	54.4	0.7	-0.9	0.0	0.0	0.0	0.0	2.0	34.7
185	17537643.60	4813589.44	24.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	54.4	0.7	-0.9	0.0	0.0	0.0	0.0	2.0	31.7

Point Source, ISO 9613, Name: "S58", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
225	17537439.88	4813529.31	61.00	0	D	A	97.9	0.0	0.0	0.0	0.0	61.4	1.0	-0.9	0.0	0.0	9.5	0.0	0.0	26.8
225	17537439.88	4813529.31	61.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	61.4	1.0	-0.9	0.0	0.0	9.5	0.0	0.0	23.8
255	17537439.88	4813529.31	61.00	1	D	A	97.9	0.0	0.0	0.0	0.0	61.4	1.0	-0.9	0.0	0.0	8.3	0.0	6.2	21.8

Point Source, ISO 9613, Name: "S18", ID: "Representative_MUA"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
259	17537784.04	4813627.06	39.75	0	DEN	A	80.6	0.0	0.0	0.0	0.0	53.1	0.5	-0.9	0.0	0.0	0.0	0.0	0.0	27.9
261	17537784.04	4813627.06	39.75	1	DEN	A	80.6	0.0	0.0	0.0	0.0	53.2	0.5	-0.9	0.0	0.0	0.0	0.0	2.0	25.8

Point Source, ISO 9613, Name: "S19", ID: "Representative_MUA"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
269	17537796.67	4813634.57	39.75	0	DEN	A	80.6	0.0	0.0	0.0	0.0	53.3	0.5	-0.9	0.0	0.0	0.0	0.0	0.0	27.7
271	17537796.67	4813634.57	39.75	1	DEN	A	80.6	0.0	0.0	0.0	0.0	53.4	0.5	-0.9	0.0	0.0	0.0	0.0	2.0	25.6

Point Source, ISO 9613, Name: "S59", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
274	17537477.83	4813460.49	61.00	0	D	A	97.9	0.0	0.0	0.0	0.0	61.9	1.1	-0.8	0.0	0.0	5.3	0.0	0.0	30.5
274	17537477.83	4813460.49	61.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	61.9	1.1	-0.8	0.0	0.0	5.3	0.0	0.0	27.5
276	17537477.83	4813460.49	61.00	1	D	A	97.9	0.0	0.0	0.0	0.0	63.2	1.2	-0.8	0.0	0.0	8.2	0.0	2.5	23.6
276	17537477.83	4813460.49	61.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	63.2	1.2	-0.8	0.0	0.0	8.2	0.0	2.5	20.6
278	17537477.83	4813460.49	61.00	1	D	A	97.9	0.0	0.0	0.0	0.0	61.9	1.1	-0.8	0.0	0.0	5.3	0.0	2.0	28.5
278	17537477.83	4813460.49	61.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	61.9	1.1	-0.8	0.0	0.0	5.3	0.0	2.0	25.5

Point Source, ISO 9613, Name: "S06", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
296	17537633.17	4813580.96	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	55.0	0.8	-0.9	0.0	0.0	3.2	0.0	0.0	32.8
296	17537633.17	4813580.96	24.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	55.0	0.8	-0.9	0.0	0.0	3.2	0.0	0.0	29.8
299	17537633.17	4813580.96	24.75	1	D	A	91.0	0.0	0.0	0.0	0.0	57.5	1.0	-0.9	0.0	0.0	9.4	0.0	2.1	21.8
313	17537633.17	4813580.96	24.75	1	D	A	91.0	0.0	0.0	0.0	0.0	55.1	0.8	-0.9	0.0	0.0	0.0	0.0	2.0	34.0
313	17537633.17	4813580.96	24.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	55.1	0.8	-0.9	0.0	0.0	0.0	0.0	2.0	30.9
321	17537633.17	4813580.96	24.75	1	D	A	91.0	0.0	0.0	0.0	0.0	55.2	0.8	-0.9	0.0	0.0	5.1	0.0	2.0	28.7
321	17537633.17	4813580.96	24.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	55.2	0.8	-0.9	0.0	0.0	5.1	0.0	2.0	25.7

Point Source, ISO 9613, Name: "S21", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
370	17537854.77	4813635.94	37.75	0	D	A	91.0	0.0	0.0	0.0	0.0	55.8	0.9	-0.9	0.0	0.0	11.5	0.0	0.0	23.7
370	17537854.77	4813635.94	37.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	55.8	0.9	-0.9	0.0	0.0	11.5	0.0	0.0	20.7
372	17537854.77	4813635.94	37.75	1	D	A	91.0	0.0	0.0	0.0	0.0	55.9	0.9	-0.9	0.0	0.0	11.4	0.0	2.0	21.6

Point Source, ISO 9613, Name: "S46", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
376	17537589.30	4813857.35	19.75	0	D	A	91.0	0.0	0.0	0.0	0.0	56.1	0.9	-0.9	0.0	0.0	13.7	0.0	0.0	21.2
403	17537589.30	4813857.35	19.75	1	D	A	91.0	0.0	0.0	0.0	0.0	59.4	1.2	-0.9	0.0	0.0	6.9	0.0	2.0	22.3
416	17537589.30	4813857.35	19.75	1	D	A	91.0	0.0	0.0	0.0	0.0	56.7	0.9	-0.9	0.0	0.0	4.8	0.0	2.0	27.4
416	17537589.30	4813857.35	19.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	56.7	0.9	-0.9	0.0	0.0	4.8	0.0	2.0	24.4

Point Source, ISO 9613, Name: "S45", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
576	17537611.18	4813910.45	21.75	1	D	A	91.0	0.0	0.0	0.0	0.0	58.1	1.1	-0.9	0.0	0.0	4.8	0.0	2.0	25.9

Point Source, ISO 9613, Name: "S45", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
576	17537611.18	4813910.45	21.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	58.1	1.1	-0.9	0.0	0.0	4.8	0.0	2.0	22.9

Point Source, ISO 9613, Name: "S36", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
587	17537917.98	4813778.45	19.75	1	D	A	91.0	0.0	0.0	0.0	0.0	61.5	1.5	-0.9	0.0	0.0	4.8	0.0	2.0	22.1

Point Source, ISO 9613, Name: "S56", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
764	17537448.46	4813703.24	31.75	1	D	A	91.0	0.0	0.0	0.0	0.0	61.9	1.5	-0.9	0.0	0.0	6.3	0.0	2.1	20.1

Point Source, ISO 9613, Name: "S22", ID: "HVAC_4_Fan"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
766	17537838.69	4813666.92	38.75	0	D	A	86.1	0.0	0.0	0.0	0.0	54.4	0.6	-0.9	0.0	0.0	0.0	0.0	0.0	32.0
766	17537838.69	4813666.92	38.75	0	N	A	86.1	0.0	-3.0	0.0	0.0	54.4	0.6	-0.9	0.0	0.0	0.0	0.0	0.0	29.0
768	17537838.69	4813666.92	38.75	1	D	A	86.1	0.0	0.0	0.0	0.0	54.4	0.6	-0.9	0.0	0.0	0.0	0.0	2.0	29.9
768	17537838.69	4813666.92	38.75	1	N	A	86.1	0.0	-3.0	0.0	0.0	54.4	0.6	-0.9	0.0	0.0	0.0	0.0	2.0	26.9
777	17537838.69	4813666.92	38.75	1	D	A	86.1	0.0	0.0	0.0	0.0	57.0	0.8	-0.9	0.0	0.0	4.8	0.0	2.0	22.4

Point Source, ISO 9613, Name: "S15", ID: "Medium_HVAC"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
949	17537737.20	4813637.11	40.75	0	D	A	79.9	0.0	0.0	0.0	0.0	50.7	0.5	-0.9	0.0	0.0	4.8	0.0	0.0	24.9
949	17537737.20	4813637.11	40.75	0	N	A	79.9	0.0	-3.0	0.0	0.0	50.7	0.5	-0.9	0.0	0.0	4.8	0.0	0.0	21.9
957	17537737.20	4813637.11	40.75	1	D	A	79.9	0.0	0.0	0.0	0.0	50.9	0.5	-0.9	0.0	0.0	4.8	0.0	2.0	22.7

Receiver
Name: WCPOR C
ID:
X: 17537690.79 m
Y: 4813694.60 m
Z: 7.50 m

Point Source, ISO 9613, Name: "S04", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
20	17537691.32	4813608.26	38.15	0	D	A	91.0	0.0	0.0	0.0	0.0	50.2	0.5	-0.9	0.0	0.0	12.3	0.0	0.0	28.8
20	17537691.32	4813608.26	38.15	0	N	A	91.0	0.0	-3.0	0.0	0.0	50.2	0.5	-0.9	0.0	0.0	12.3	0.0	0.0	25.8

Point Source, ISO 9613, Name: "S47", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
30	17537512.05	4813822.01	22.00	0	D	A	97.9	0.0	0.0	0.0	0.0	57.8	0.8	-0.9	0.0	0.0	17.1	0.0	0.0	23.1
30	17537512.05	4813822.01	22.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	57.8	0.8	-0.9	0.0	0.0	17.1	0.0	0.0	20.1
44	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	58.0	0.8	-0.9	0.0	0.0	17.1	0.0	2.2	20.6

Point Source, ISO 9613, Name: "S57", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
52	17537518.63	4813562.95	64.00	0	D	A	97.9	0.0	0.0	0.0	0.0	58.0	0.8	-0.9	0.0	0.0	6.8	0.0	0.0	33.2
52	17537518.63	4813562.95	64.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	58.0	0.8	-0.9	0.0	0.0	6.8	0.0	0.0	30.2
60	17537518.63	4813562.95	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	62.7	1.2	-0.8	0.0	0.0	11.5	0.0	2.2	21.3
88	17537518.63	4813562.95	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	62.4	1.1	-0.8	0.0	0.0	7.4	0.0	6.0	21.8

Point Source, ISO 9613, Name: "S60", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
91	17537549.63	4813505.56	64.00	0	D	A	97.9	0.0	0.0	0.0	0.0	58.7	0.8	-0.9	0.0	0.0	6.7	0.0	0.0	32.5
91	17537549.63	4813505.56	64.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	58.7	0.8	-0.9	0.0	0.0	6.7	0.0	0.0	29.5
105	17537549.63	4813505.56	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	62.6	1.1	-0.8	0.0	0.0	7.2	0.0	6.0	21.8

Point Source, ISO 9613, Name: "S07", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
109	17537643.60	4813589.44	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	52.3	0.6	-0.9	0.0	0.0	0.0	0.0	0.0	38.9
109	17537643.60	4813589.44	24.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	52.3	0.6	-0.9	0.0	0.0	0.0	0.0	0.0	35.9
112	17537643.60	4813589.44	24.75	1	D	A	91.0	0.0	0.0	0.0	0.0	57.7	1.0	-0.9	0.0	0.0	0.0	0.0	2.4	30.8
112	17537643.60	4813589.44	24.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	57.7	1.0	-0.9	0.0	0.0	0.0	0.0	2.4	27.8

Point Source, ISO 9613, Name: "S23", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
137	17537809.73	4813706.87	18.55	0	D	A	91.0	0.0	0.0	0.0	0.0	52.6	0.6	-0.9	0.0	0.0	6.2	0.0	0.0	32.5
137	17537809.73	4813706.87	18.55	0	N	A	91.0	0.0	-3.0	0.0	0.0	52.6	0.6	-0.9	0.0	0.0	6.2	0.0	0.0	29.5
161	17537809.73	4813706.87	18.55	1	D	A	91.0	0.0	0.0	0.0	0.0	52.8	0.6	-0.9	0.0	0.0	6.1	0.0	2.0	30.3
161	17537809.73	4813706.87	18.55	1	N	A	91.0	0.0	-3.0	0.0	0.0	52.8	0.6	-0.9	0.0	0.0	6.1	0.0	2.0	27.3
180	17537809.73	4813706.87	18.55	1	D	A	91.0	0.0	0.0	0.0	0.0	57.1	1.0	-0.9	0.0	0.0	9.1	0.0	2.6	22.1

Point Source, ISO 9613, Name: "S06", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
182	17537633.17	4813580.96	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	53.2	0.7	-0.9	0.0	0.0	0.0	0.0	0.0	38.0
182	17537633.17	4813580.96	24.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	53.2	0.7	-0.9	0.0	0.0	0.0	0.0	0.0	35.0
197	17537633.17	4813580.96	24.75	1	D	A	91.0	0.0	0.0	0.0	0.0	58.2	1.1	-0.9	0.0	0.0	4.8	0.0	2.4	25.5
197	17537633.17	4813580.96	24.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	58.2	1.1	-0.9	0.0	0.0	4.8	0.0	2.4	22.5
205	17537633.17	4813580.96	24.75	1	D	A	91.0	0.0	0.0	0.0	0.0	53.4	0.7	-0.9	0.0	0.0	4.9	0.0	2.0	30.9
205	17537633.17	4813580.96	24.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	53.4	0.7	-0.9	0.0	0.0	4.9	0.0	2.0	27.9

Point Source, ISO 9613, Name: "S05", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
208	17537639.35	4813569.82	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	53.7	0.7	-0.9	0.0	0.0	16.3	0.0	0.0	21.3

Point Source, ISO 9613, Name: "S58", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
245	17537439.88	4813529.31	61.00	0	D	A	97.9	0.0	0.0	0.0	0.0	60.7	1.0	-0.9	0.0	0.0	5.4	0.0	0.0	31.7
245	17537439.88	4813529.31	61.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	60.7	1.0	-0.9	0.0	0.0	5.4	0.0	0.0	28.7

Point Source, ISO 9613, Name: "S59", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
265	17537477.83	4813460.49	61.00	0	D	A	97.9	0.0	0.0	0.0	0.0	61.1	1.0	-0.9	0.0	0.0	5.5	0.0	0.0	31.1
265	17537477.83	4813460.49	61.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	61.1	1.0	-0.9	0.0	0.0	5.5	0.0	0.0	28.1

Point Source, ISO 9613, Name: "S18", ID: "Representative_MUA"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
268	17537784.04	4813627.06	39.75	0	DEN	A	80.6	0.0	0.0	0.0	0.0	52.6	0.5	-0.9	0.0	0.0	0.0	0.0	0.0	28.5

Point Source, ISO 9613, Name: "S19", ID: "Representative_MUA"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
277	17537796.67	4813634.57	39.75	0	DEN	A	80.6	0.0	0.0	0.0	0.0	53.0	0.5	-0.9	0.0	0.0	0.0	0.0	0.0	28.0

Point Source, ISO 9613, Name: "S21", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
341	17537854.77	4813635.94	37.75	0	D	A	91.0	0.0	0.0	0.0	0.0	55.9	0.9	-0.9	0.0	0.0	0.0	0.0	0.0	35.1
341	17537854.77	4813635.94	37.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	55.9	0.9	-0.9	0.0	0.0	0.0	0.0	0.0	32.1

Point Source, ISO 9613, Name: "S46", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
373	17537589.30	4813857.35	19.75	0	D	A	91.0	0.0	0.0	0.0	0.0	56.7	0.9	-0.9	0.0	0.0	13.0	0.0	0.0	21.2
402	17537589.30	4813857.35	19.75	1	D	A	91.0	0.0	0.0	0.0	0.0	58.7	1.1	-0.9	0.0	0.0	0.0	0.0	2.0	30.0
402	17537589.30	4813857.35	19.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	58.7	1.1	-0.9	0.0	0.0	0.0	0.0	2.0	27.0

Point Source, ISO 9613, Name: "S45", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
510	17537611.18	4813910.45	21.75	1	D	A	91.0	0.0	0.0	0.0	0.0	60.0	1.3	-0.9	0.0	0.0	0.0	0.0	2.0	28.6
510	17537611.18	4813910.45	21.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	60.0	1.3	-0.9	0.0	0.0	0.0	0.0	2.0	25.6

Point Source, ISO 9613, Name: "S36", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
534	17537917.98	4813778.45	19.75	0	D	A	91.0	0.0	0.0	0.0	0.0	58.7	1.1	-0.9	0.0	0.0	8.0	0.0	0.0	24.1
534	17537917.98	4813778.45	19.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	58.7	1.1	-0.9	0.0	0.0	8.0	0.0	0.0	21.1
549	17537917.98	4813778.45	19.75	1	D	A	91.0	0.0	0.0	0.0	0.0	63.1	1.7	-0.9	0.0	0.0	4.8	0.0	2.0	20.3

Point Source, ISO 9613, Name: "S56", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
568	17537448.46	4813703.24	31.75	1	D	A	91.0	0.0	0.0	0.0	0.0	61.1	1.4	-0.9	0.0	0.0	4.8	0.0	2.0	22.5

Point Source, ISO 9613, Name: "S40", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
636	17537856.83	4813889.40	16.75	1	D	A	91.0	0.0	0.0	0.0	0.0	61.0	1.4	-0.9	0.0	0.0	5.1	0.0	2.0	22.3

Point Source, ISO 9613, Name: "S55", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
679	17537432.05	4813728.20	31.75	1	D	A	91.0	0.0	0.0	0.0	0.0	61.8	1.5	-0.9	0.0	0.0	4.8	0.0	2.0	21.8

Point Source, ISO 9613, Name: "S22", ID: "HVAC_4_Fan"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
770	17537838.69	4813666.92	38.75	0	D	A	86.1	0.0	0.0	0.0	0.0	54.7	0.6	-0.9	0.0	0.0	0.0	0.0	0.0	31.6
770	17537838.69	4813666.92	38.75	0	N	A	86.1	0.0	-3.0	0.0	0.0	54.7	0.6	-0.9	0.0	0.0	0.0	0.0	0.0	28.6

Point Source, ISO 9613, Name: "S15", ID: "Medium_HVAC"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
852	17537737.20	4813637.11	40.75	0	D	A	79.9	0.0	0.0	0.0	0.0	49.2	0.4	-0.9	0.0	0.0	5.3	0.0	0.0	25.9
852	17537737.20	4813637.11	40.75	0	N	A	79.9	0.0	-3.0	0.0	0.0	49.2	0.4	-0.9	0.0	0.0	5.3	0.0	0.0	22.9

Point Source, ISO 9613, Name: "S13", ID: "Small_HVAC"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
993	17537717.00	4813667.74	16.25	0	D	A	70.9	0.0	0.0	0.0	0.0	42.7	0.2	-0.9	0.0	0.0	8.2	0.0	0.0	20.7

Receiver
Name: WCPOR D
ID:
X: 17537704.84 m
Y: 4813701.85 m
Z: 7.50 m

Point Source, ISO 9613, Name: "S04", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
46	17537691.32	4813608.26	38.15	0	D	A	91.0	0.0	0.0	0.0	0.0	50.9	0.5	-0.9	0.0	0.0	9.6	0.0	0.0	30.8
46	17537691.32	4813608.26	38.15	0	N	A	91.0	0.0	-3.0	0.0	0.0	50.9	0.5	-0.9	0.0	0.0	9.6	0.0	0.0	27.8

Point Source, ISO 9613, Name: "S47", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
59	17537512.05	4813822.01	22.00	0	D	A	97.9	0.0	0.0	0.0	0.0	58.1	0.8	-0.9	0.0	0.0	18.0	0.0	0.0	21.8
86	17537512.05	4813822.01	22.00	1	D	A	97.9	0.0	0.0	0.0	0.0	59.7	0.9	-0.9	0.0	0.0	5.7	0.0	2.1	30.4
86	17537512.05	4813822.01	22.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	59.7	0.9	-0.9	0.0	0.0	5.7	0.0	2.1	27.4

Point Source, ISO 9613, Name: "S23", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
170	17537809.73	4813706.87	18.55	0	D	A	91.0	0.0	0.0	0.0	0.0	51.5	0.6	-0.9	0.0	0.0	8.5	0.0	0.0	31.3
170	17537809.73	4813706.87	18.55	0	N	A	91.0	0.0	-3.0	0.0	0.0	51.5	0.6	-0.9	0.0	0.0	8.5	0.0	0.0	28.3
179	17537809.73	4813706.87	18.55	1	D	A	91.0	0.0	0.0	0.0	0.0	51.7	0.6	-0.9	0.0	0.0	8.4	0.0	2.0	29.2
179	17537809.73	4813706.87	18.55	1	N	A	91.0	0.0	-3.0	0.0	0.0	51.7	0.6	-0.9	0.0	0.0	8.4	0.0	2.0	26.2
187	17537809.73	4813706.87	18.55	1	D	A	91.0	0.0	0.0	0.0	0.0	56.4	0.9	-0.9	0.0	0.0	10.6	0.0	2.7	21.2

Point Source, ISO 9613, Name: "S57", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
196	17537518.63	4813562.95	64.00	0	D	A	97.9	0.0	0.0	0.0	0.0	58.6	0.8	-0.9	0.0	0.0	6.5	0.0	0.0	32.9
196	17537518.63	4813562.95	64.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	58.6	0.8	-0.9	0.0	0.0	6.5	0.0	0.0	29.9
199	17537518.63	4813562.95	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	63.0	1.2	-0.8	0.0	0.0	10.7	0.0	2.2	21.7

Point Source, ISO 9613, Name: "S60", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
212	17537549.63	4813505.56	64.00	0	D	A	97.9	0.0	0.0	0.0	0.0	59.2	0.9	-0.9	0.0	0.0	6.4	0.0	0.0	32.3
212	17537549.63	4813505.56	64.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	59.2	0.9	-0.9	0.0	0.0	6.4	0.0	0.0	29.3
223	17537549.63	4813505.56	64.00	1	D	A	97.9	0.0	0.0	0.0	0.0	63.0	1.2	-0.8	0.0	0.0	6.9	0.0	5.9	21.8

Point Source, ISO 9613, Name: "S07", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
237	17537643.60	4813589.44	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	53.2	0.7	-0.9	0.0	0.0	0.0	0.0	0.0	38.0
237	17537643.60	4813589.44	24.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	53.2	0.7	-0.9	0.0	0.0	0.0	0.0	0.0	35.0

Point Source, ISO 9613, Name: "S18", ID: "Representative_MUA"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
251	17537784.04	4813627.06	39.75	0	DEN	A	80.6	0.0	0.0	0.0	0.0	52.1	0.5	-0.9	0.0	0.0	0.0	0.0	0.0	28.9

Point Source, ISO 9613, Name: "S06", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
326	17537633.17	4813580.96	24.75	0	D	A	91.0	0.0	0.0	0.0	0.0	54.0	0.7	-0.9	0.0	0.0	0.0	0.0	0.0	37.1
326	17537633.17	4813580.96	24.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	54.0	0.7	-0.9	0.0	0.0	0.0	0.0	0.0	34.1
328	17537633.17	4813580.96	24.75	1	D	A	91.0	0.0	0.0	0.0	0.0	54.2	0.7	-0.9	0.0	0.0	4.9	0.0	2.0	30.1
328	17537633.17	4813580.96	24.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	54.2	0.7	-0.9	0.0	0.0	4.9	0.0	2.0	27.1

Point Source, ISO 9613, Name: "S58", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
335	17537439.88	4813529.31	61.00	0	D	A	97.9	0.0	0.0	0.0	0.0	61.1	1.0	-0.9	0.0	0.0	5.3	0.0	0.0	31.4
335	17537439.88	4813529.31	61.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	61.1	1.0	-0.9	0.0	0.0	5.3	0.0	0.0	28.4
347	17537439.88	4813529.31	61.00	1	D	A	97.9	0.0	0.0	0.0	0.0	63.1	1.2	-0.8	0.0	0.0	5.0	0.0	5.0	24.4
347	17537439.88	4813529.31	61.00	1	N	A	97.9	0.0	-3.0	0.0	0.0	63.1	1.2	-0.8	0.0	0.0	5.0	0.0	5.0	21.4

Point Source, ISO 9613, Name: "S19", ID: "Representative_MUA"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
350	17537796.67	4813634.57	39.75	0	DEN	A	80.6	0.0	0.0	0.0	0.0	52.5	0.5	-0.9	0.0	0.0	0.0	0.0	0.0	28.6

Point Source, ISO 9613, Name: "S59", ID: "Rep_Cooling_Tower"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
408	17537477.83	4813460.49	61.00	0	D	A	97.9	0.0	0.0	0.0	0.0	61.5	1.0	-0.9	0.0	0.0	10.3	0.0	0.0	25.9
408	17537477.83	4813460.49	61.00	0	N	A	97.9	0.0	-3.0	0.0	0.0	61.5	1.0	-0.9	0.0	0.0	10.3	0.0	0.0	22.9

Point Source, ISO 9613, Name: "S20", ID: "Representative_MUA"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
420	17537790.64	4813615.03	39.75	0	DEN	A	80.6	0.0	0.0	0.0	0.0	53.0	0.5	-0.9	0.0	0.0	6.9	0.0	0.0	21.1

Point Source, ISO 9613, Name: "S21", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
429	17537854.77	4813635.94	37.75	0	D	A	91.0	0.0	0.0	0.0	0.0	55.4	0.8	-0.9	0.0	0.0	0.0	0.0	0.0	35.6
429	17537854.77	4813635.94	37.75	0	N	A	91.0	0.0	-3.0	0.0	0.0	55.4	0.8	-0.9	0.0	0.0	0.0	0.0	0.0	32.6

Point Source, ISO 9613, Name: "S46", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
497	17537589.30	4813857.35	19.75	1	D	A	91.0	0.0	0.0	0.0	0.0	58.8	1.1	-0.9	0.0	0.0	0.0	0.0	2.0	29.9
497	17537589.30	4813857.35	19.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	58.8	1.1	-0.9	0.0	0.0	0.0	0.0	2.0	26.9

Point Source, ISO 9613, Name: "S36", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
556	17537917.98	4813778.45	19.75	0	D	A	91.0	0.0	0.0	0.0	0.0	58.1	1.1	-0.9	0.0	0.0	10.4	0.0	0.0	22.3

Point Source, ISO 9613, Name: "S45", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
564	17537611.18	4813910.45	21.75	1	D	A	91.0	0.0	0.0	0.0	0.0	59.9	1.3	-0.9	0.0	0.0	0.0	0.0	2.0	28.6
564	17537611.18	4813910.45	21.75	1	N	A	91.0	0.0	-3.0	0.0	0.0	59.9	1.3	-0.9	0.0	0.0	0.0	0.0	2.0	25.6

Point Source, ISO 9613, Name: "S22", ID: "HVAC_4_Fan"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
656	17537838.69	4813666.92	38.75	0	D	A	86.1	0.0	0.0	0.0	0.0	54.0	0.6	-0.9	0.0	0.0	0.0	0.0	0.0	32.3
656	17537838.69	4813666.92	38.75	0	N	A	86.1	0.0	-3.0	0.0	0.0	54.0	0.6	-0.9	0.0	0.0	0.0	0.0	0.0	29.3

Point Source, ISO 9613, Name: "S56", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
716	17537448.46	4813703.24	31.75	1	D	A	91.0	0.0	0.0	0.0	0.0	61.4	1.5	-0.9	0.0	0.0	4.8	0.0	2.0	22.2

Point Source, ISO 9613, Name: "S55", ID: "Rep_Chiller"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
806	17537432.05	4813728.20	31.75	1	D	A	91.0	0.0	0.0	0.0	0.0	62.0	1.5	-0.9	0.0	0.0	4.8	0.0	2.0	21.5

Point Source, ISO 9613, Name: "S15", ID: "Medium_HVAC"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	l/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
817	17537737.20	4813637.11	40.75	0	D	A	79.9	0.0	0.0	0.0	0.0	49.0	0.4	-0.9	0.0	0.0	5.0	0.0	0.0	26.3

Point Source, ISO 9613, Name: "S15", ID: "Medium_HVAC"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
817	17537737.20	4813637.11	40.75	0	N	A	79.9	0.0	-3.0	0.0	0.0	49.0	0.4	-0.9	0.0	0.0	5.0	0.0	0.0	23.3

Point Source, ISO 9613, Name: "S13", ID: "Small_HVAC"																				
Nr.	X	Y	Z	Refl.	DEN	Freq.	Lw	I/a	Optime	K0	Di	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	Lr
	(m)	(m)	(m)			(Hz)	dB(A)	dB	dB	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)
959	17537717.00	4813667.74	16.25	0	D	A	70.9	0.0	0.0	0.0	0.0	42.4	0.2	-0.9	0.0	0.0	8.3	0.0	0.0	20.9

ATTACHMENT C

Table C1
Stationary Noise Impact Source Data
272 - 274 Sunview Street, Waterloo

Noise Source Description	Cadna ID	Total PWL (dBA)	Data Source or Representative Data	Height Absolute (m)	Above Roof (m)	x	y
S01	Representative_MUA	80.6	Representative_MUA	20.75	1.75	17537642	4813674
S02	Rep_Chiller	91	Rep_Chiller	25.4	3	17537558	4813731
S03	Representative_MUA	80.6	Representative_MUA	25.4	3	17537552	4813738
S04	Rep_Chiller	91	Rep_Chiller	38.15	1.75	17537691	4813608
S05	Rep_Chiller	91	Rep_Chiller	24.75	1.75	17537639	4813570
S06	Rep_Chiller	91	Rep_Chiller	24.75	1.75	17537633	4813581
S07	Rep_Chiller	91	Rep_Chiller	24.75	1.75	17537644	4813589
S08	Representative_MUA	80.6	Representative_MUA	38.15	1.75	17537683	4813605
S09	HVAC_4_Fan	86.1	HVAC_4_Fan	39.35	1.75	17537669	4813545
S10	Rep_Chiller	91	Rep_Chiller	23.75	1.75	17537684	4813519
S11	Small_HVAC	70.9	Small_HVAC	27.25	1.25	17537678	4813513
S12	Representative_MUA	80.6	Representative_MUA	18.55	1.75	17537724	4813486
S13	Small_HVAC	70.9	Small_HVAC	16.25	1.25	17537717	4813668
S14	Representative_MUA	80.6	Representative_MUA	40.75	1.75	17537745	4813621
S15	Medium_HVAC	79.9	Medium_HVAC	40.75	1.75	17537737	4813637
S16	Representative_MUA	80.6	Representative_MUA	38.75	1.75	17537773	4813569
S17	Representative_MUA	80.6	Representative_MUA	18.55	1.75	17537836	4813538
S18	Representative_MUA	80.6	Representative_MUA	39.75	1.75	17537784	4813627
S19	Representative_MUA	80.6	Representative_MUA	39.75	1.75	17537797	4813635
S20	Representative_MUA	80.6	Representative_MUA	39.75	1.75	17537791	4813615
S21	Rep_Chiller	91	Rep_Chiller	37.75	1.75	17537855	4813636
S22	HVAC_4_Fan	86.1	HVAC_4_Fan	38.75	1.75	17537839	4813667
S23	Rep_Chiller	91	Rep_Chiller	18.55	1.75	17537810	4813707
S24	Representative_MUA	80.6	Representative_MUA	18.55	1.75	17537818	4813694
S25	Small_HVAC	70.9	Small_HVAC	20.85	1.25	17537869	4813702
S26	Representative_MUA	80.6	Representative_MUA	21.35	1.75	17537873	4813693
S27	Small_HVAC	70.9	Small_HVAC	20.85	1.25	17537875	4813687
S28	Rep_Chiller	91	Rep_Chiller	22.75	1.75	17537820	4813782
S29	Representative_MUA	80.6	Representative_MUA	22.75	1.75	17537828	4813767
S30	Rep_Chiller	91	Rep_Chiller	16.75	1.75	17537825	4813882
S31	Representative_MUA	80.6	Representative_MUA	16.75	1.75	17537829	4813875
S32	Representative_MUA	80.6	Representative_MUA	16.75	1.75	17537840	4813855
S33	Representative_MUA	80.6	Representative_MUA	16.75	1.75	17537857	4813830
S34	Representative_MUA	80.6	Representative_MUA	12.95	1.75	17537869	4813798
S35	Representative_MUA	80.6	Representative_MUA	12.95	1.75	17537888	4813767
S36	Rep_Chiller	91	Rep_Chiller	19.75	1.75	17537918	4813778
S37	HVAC_4_Fan	86.1	HVAC_4_Fan	16.75	1.75	17537929	4813816
S38	Representative_MUA	80.6	Representative_MUA	16.75	1.75	17537896	4813864
S39	Rep_Chiller	91	Rep_Chiller	16.75	1.75	17537901	4813868
S40	Rep_Chiller	91	Rep_Chiller	16.75	1.75	17537857	4813889
S41	Representative_MUA	80.6	Representative_MUA	16.75	1.75	17537865	4813892
S42	Representative_MUA	80.6	Representative_MUA	16.75	1.75	17537886	4813897
S43	Rep_Chiller	91	Rep_Chiller	4.55	1.75	17537885	4813998
S44	Representative_MUA	80.6	Representative_MUA	4.55	1.75	17537889	4813997
S45	Rep_Chiller	91	Rep_Chiller	21.75	1.75	17537611	4813910
S46	Rep_Chiller	91	Rep_Chiller	19.75	1.75	17537589	4813857
S47	Rep_Cooling_Tower	97.9	Rep_Cooling_Tower	22	3	17537512	4813822
S48	Representative_MUA	80.6	Representative_MUA	20.75	1.75	17537519	4813805
S49	Medium_HVAC	79.9	Medium_HVAC	31.75	1.75	17537434	4813685
S50	Medium_HVAC	79.9	Medium_HVAC	31.75	1.75	17537447	4813697
S51	Medium_HVAC	79.9	Medium_HVAC	31.75	1.75	17537443	4813702
S52	Representative_MUA	80.6	Representative_MUA	31.75	1.75	17537426	4813741
S53	Representative_MUA	80.6	Representative_MUA	31.75	1.75	17537414	4813741
S54	Representative_MUA	80.6	Representative_MUA	31.75	1.75	17537400	4813735
S55	Rep_Chiller	91	Rep_Chiller	31.75	1.75	17537432	4813728
S56	Rep_Chiller	91	Rep_Chiller	31.75	1.75	17537448	4813703
S57	Rep_Cooling_Tower	97.9	Rep_Cooling_Tower	64	3	17537519	4813563
S58	Rep_Cooling_Tower	97.9	Rep_Cooling_Tower	61	3	17537440	4813529
S59	Rep_Cooling_Tower	97.9	Rep_Cooling_Tower	61	3	17537478	4813460
S60	Rep_Cooling_Tower	97.9	Rep_Cooling_Tower	64	3	17537550	4813506
S61	Small_HVAC	70.9	Small_HVAC	21.25	1.25	17537609	4813650

Noise Source Description	Cadna ID	Total PWL (dBA)	Source	Height Absolute (m)	Length m	Z- extent m	x	y
P1	Parking_Exhaust_Fan	74.8	Parking_Exhaust_Fan	3	3.48	2	17537755	4813908

ATTACHMENT D

Docusign Envelope ID: 51433304-5166-8826-8072-4B00E9237965

Owner's Name: Bhadresh Lad, Gita Lad & Manhar Lad
Owner's Address:
274 Sunview St. Waterloo ON N2L 3V9

Re: Road Traffic and Stationary Noise Impact Study, 272-274 Sunview Street, Waterloo, Ontario

OWNER'S STATEMENT

I am the owner of the property, or the owner's agent, and that I understand and agree with the noise assessment and potential attenuation measures detailed in the study entitled Stationary Noise Impact Study, 272-274 Sunview Street, Waterloo, Ontario, dated October 22, 2026.

The application has been designed to avoid the use of berms or walls as noise attenuation features where feasible. Where berms or walls are recommended, the Noise Study provides economic, planning and engineering justification.

If the application is changed in a way that may affect the noise level calculations, I will have a revised noise study submitted to the Region of Waterloo.

Bhadresh Lad, Gita Lad & Manhar Lad
Name

Signed by: Lad, Bhadresh EA1C0A774B2645B...
Signed by: Lad, Gita 20136F12BDBB45A...
Signed by: Lad, Manhar 49342F0083324CB...
Signature

10/31/2026
Date

ATTACHMENT E

CANADA

PROVINCE OF ONTARIO

In the Matter of the Environmental Protection Act and the Planning Act

And in the Matter of 272-274 Sunview Street, Waterloo, Ontario in the Regional Municipality of Waterloo

I, Joey Jraige, of JJ Acoustic Engineering Ltd., in the Town of Tilbury,
SOLEMNLY DECLARE THAT:

1. I am a Professional Engineer employed by JJ Acoustic Engineering Ltd. which holds a Certificate of Authorization and have personal knowledge of the matters set out below.
2. I was retained or employed as the principal consultant to undertake the assessment of noise impacts and recommendation of noise mitigation measures for the property described as 272-274 Sunview Street, Waterloo, Ontario.
3. I have the expertise required to perform these services. Any assessment activities or recommendations requiring the application of engineering principles have been undertaken or supervised by an engineer qualified to perform such services.
4. The information used in the letter report entitled " Stationary Noise Impact Study" dated October 23, 2026, is the best available information as of the date of the study.
5. The noise level calculations, the interpretation of noise attenuation requirements and the recommended measures are in accordance with Ministry of Environment, Conservation and Parks Guidelines, Region of Waterloo policies, and any applicable policy or guidelines of the Area Municipality, and any other applicable policy or guideline.
6. The physical noise attenuation measures proposed in this study are feasible to implement and will provide the level of attenuation indicated in the study.
7. I acknowledge that this study may be subject to a peer review conducted at my cost.
8. I acknowledge that public authorities and future owners, occupants and others may rely on this statement.

AND I make this solemn Declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath.

DECLARED before me in the Town of Tilbury, in the Regional Municipality of Chatham-Kent
This 26th day of October 2026

Joey Jraige

Mona Jraige, a Commissioner, etc., Province of Ontario, for Taylor Deirue, Barristers and Solicitors. Expires October 24, 2028.