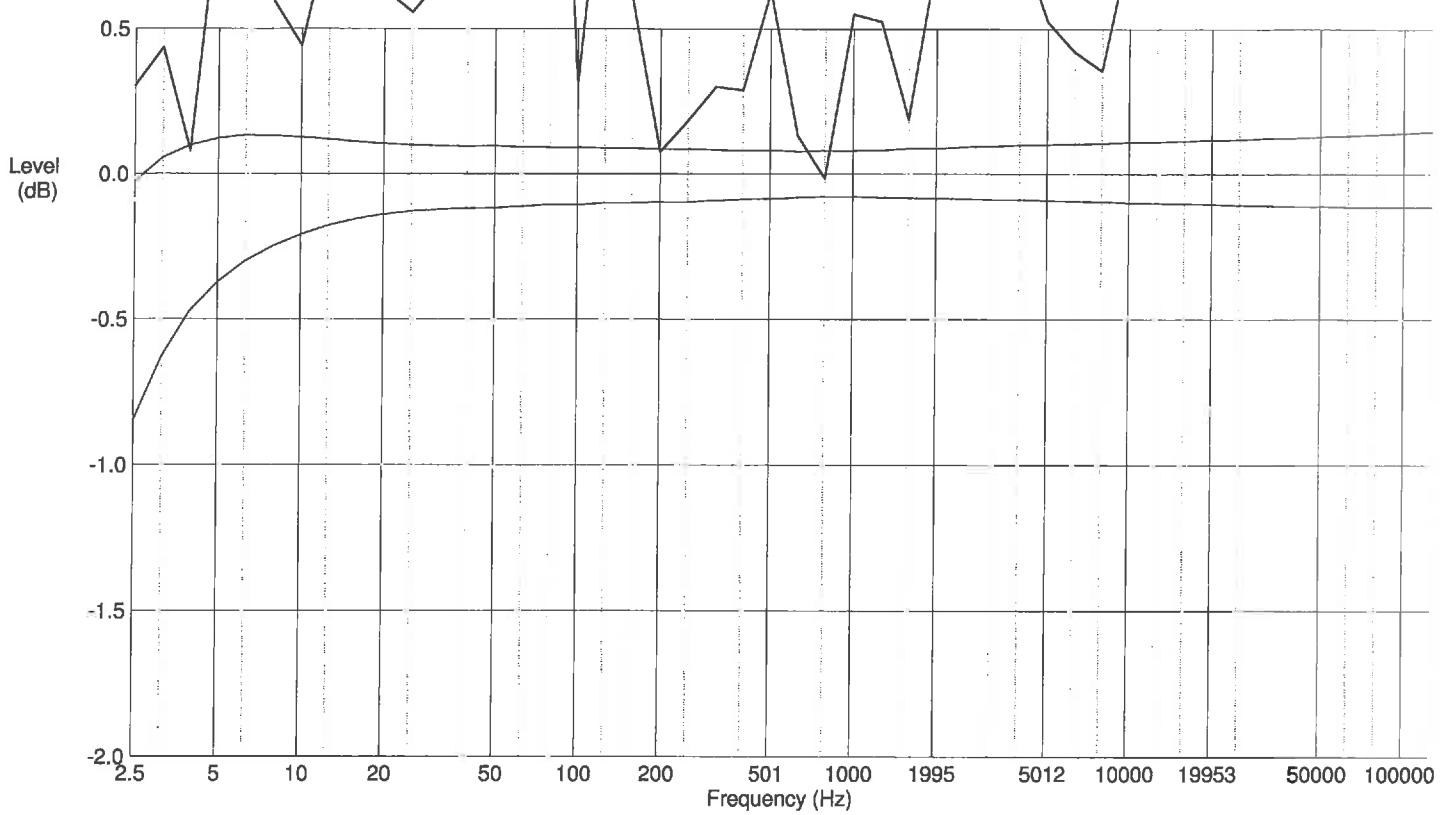


**Preamplifier Model: 900C Serial Number: 1573**  
**Certificate of Electrical Conformance**  
**\*\*Failed\*\*: (Out of Limits) (Reference) (1kHz NF) (Sum NF) (Awt NF)**

Frequency response of this model 900C preamplifier was tested at a level of 1 Vrms with 18pF microphone capacitance and driving a short cable. Output level at 1kHz is 0.0001 Vrms (-82.110 dBV), uncertainty 0.033 dB. Results are displayed relative to the level at 1kHz.



Freq (Hz)	Measured (dB)	Uncert (dB)	Tolerance (dB)	Freq (Hz)	Measured (dB)	Uncert (dB)	Tolerance (dB)
2.51	0.31 *	0.075	-0.03, -0.85	630.96	0.13 *	0.016	+0.03, -0.08
3.16	0.43 *	0.058	+0.06, -0.63	794.33	-0.02	0.016	+0.08, -0.08
3.98	0.08	0.058	+0.10, -0.47	1000.00	0.55 *	0.016	+0.08, -0.08
5.01	0.98 *	0.036	+0.12, -0.37	1258.90	0.53 *	0.016	+0.08, -0.08
6.31	0.99 *	0.036	+0.13, -0.30	1584.90	0.19 *	0.016	+0.09, -0.08
7.94	0.59 *	0.036	+0.13, -0.25	1995.30	0.76 *	0.016	+0.09, -0.09
10.00	0.44 *	0.016	+0.13, -0.21	2511.90	1.09 *	0.016	+0.09, -0.09
12.59	0.85 *	0.016	+0.12, -0.18	3162.30	0.80 *	0.016	+0.10, -0.09
15.85	0.66 *	0.016	+0.11, -0.16	3981.10	0.79 *	0.016	+0.10, -0.09
19.95	0.63 *	0.016	+0.10, -0.14	5011.90	0.53 *	0.016	+0.10, -0.09
25.12	0.56 *	0.016	+0.10, -0.13	6309.60	0.42 *	0.016	+0.10, -0.09
31.62	0.67 *	0.016	+0.10, -0.12	7943.30	0.36 *	0.016	+0.11, -0.10
39.81	0.60 *	0.016	+0.09, -0.12	10000.00	0.81 *	0.016	+0.11, -0.10
50.12	0.95 *	0.016	+0.10, -0.12	12589.00	0.87 *	0.016	+0.11, -0.10
63.10	0.70 *	0.016	+0.09, -0.11	15849.00	1.60 *	0.016	+0.11, -0.10
79.43	2.07 *	0.016	+0.09, -0.11	19953.00	0.94 *	0.016	+0.12, -0.10
100.00	0.31 *	0.016	+0.09, -0.11	25250.00	2.23 *	0.022	+0.12, -0.11
125.89	1.25 *	0.016	+0.09, -0.10	31500.00	2.28 *	0.022	+0.12, -0.11
158.49	0.60 *	0.016	+0.09, -0.10	39750.00	3.02 *	0.022	+0.13, -0.11
199.53	0.08	0.016	+0.09, -0.10	50000.00	4.01 *	0.022	+0.13, -0.11
251.19	0.18 *	0.016	+0.09, -0.10	63000.00	4.86 *	0.047	+0.13, -0.11
316.23	0.30 *	0.016	+0.08, -0.09	79500.00	6.50 *	0.047	+0.14, -0.11
398.11	0.29 *	0.016	+0.08, -0.09	100000.00	6.40 *	0.047	+0.14, -0.12
501.19	0.63 *	0.016	+0.08, -0.09	126000.00	6.01 *	0.063	+0.14, -0.12

Noise floor data: 1kHz (1/3 Octave) = 0.79 uV, -2.1 dBuV, uncertainty = 0.47 dB  
 Flat (20Hz-20kHz) = 35.5 uV, 31.0 dBuV, uncertainty = 0.47 dB  
 Awt = 6.4 uV, 16.1 dBuV, uncertainty = 0.46 dB

Uncertainties are given as expanded uncertainty at ~95% confidence interval (k = 2).



# **ATTACHMENT F**

## **Weather Data**

**Attachment F**  
**Weather Data for Site Visit**  
**(Miller Waste Facility - 25th July 2013)**

12-1125-0045/4500/vol IV

Year	Month	Day	Time	Temp (°C)	Wind Dir (10s deg)	Wind Spd (km/h)	Weather
2013	7	25	0:00	15	34	9	Mainly Clear
2013	7	25	1:00	15.1	34	13	Mainly Clear
2013	7	25	2:00	13.5	34	7	Mainly Clear
2013	7	25	3:00	13.3	34	9	Mainly Clear
2013	7	25	4:00	13.2	34	6	Mainly Clear
2013	7	25	5:00	12.7	34	7	Mainly Clear
2013	7	25	6:00	13.5	-	0	Mainly Clear
2013	7	25	7:00	16.3	36	6	Clear
2013	7	25	8:00	18.5	5	6	Clear
2013	7	25	9:00	20.3	12	4	Clear
2013	7	25	10:00	21.4	12	9	Mainly Clear
2013	7	25	11:00	21.6	12	9	Mainly Clear
2013	7	25	12:00	22.3	9	9	Mainly Clear
2013	7	25	13:00	23.2	12	15	Mainly Clear
2013	7	25	14:00	22.6	12	17	Mainly Clear
2013	7	25	15:00	22.6	13	13	Mainly Clear
2013	7	25	16:00	22.2	13	15	Mainly Clear
2013	7	25	17:00	21.9	11	7	Clear
2013	7	25	18:00	21.4	14	11	Clear
2013	7	25	19:00	20.2	15	13	Clear
2013	7	25	20:00	18.9	14	7	Clear
2013	7	25	21:00	17.4	14	4	Clear
2013	7	25	22:00	15.7	-	0	Clear
2013	7	25	23:00	14.3	-	0	Clear



# **ATTACHMENT G**

## **Sample Calculations**

Appendix G - Sample Calculation

Configuration	
Parameter	Value
General	
Country	International
Max. Error (dB)	0.00
Max. Search Radius (m)	2500.00
Min. Dist Src to Rcvr	0.00
Partition	
Raster Factor	0.50
Max. Length of Section (m)	1000.00
Min. Length of Section (m)	1.00
Min. Length of Section (%)	0.00
Proj. Line Sources	On
Proj. Area Sources	On
Ref. Time	
Reference Time Day (min)	60.00
Reference Time Night (min)	60.00
Daytime Penalty (dB)	0.00
Recr. Time Penalty (dB)	6.00
Night-time Penalty (dB)	10.00
DTM	
Standard Height (m)	77.00
Model of Terrain	Triangulation
Reflection	
max. Order of Reflection	0
Search Radius Src	100.00
Search Radius Rcvr	100.00
Max. Distance Source - Rcvr	1000.00 1000.00
Min. Distance Rcvr - Reflector	1.00 1.00
Min. Distance Source - Reflector	0.10
Industrial (ISO 9613)	
Lateral Diffraction	some Obj
Obst. within Area Src do not shield	On
Screening	
	Excl. Ground Att. over Barrier
	Dz with limit (20/25)
Barrier Coefficients C1,2,3	3.0 20.0 0.0
Temperature (°C)	10
rel. Humidity (%)	70
Ground Absorption G	0.80
Wind Speed for Dir. (m/s)	3.0
Roads (RLS-90)	
Strictly acc. to RLS-90	
Railways (Schall 03)	
Strictly acc. to Schall 03 / Schall-Transrapid	
Aircraft (???)	
Strictly acc. to AzB	

Receiver  
 Name: POR01 - Plane of window  
 ID: R1  
 X: 465558.29  
 Y: 5020774.00  
 Z: 81.50

Point Source, ISO 9613, Name: "Flare", ID: "A_001"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466690.93	5021301.92	89.20	0	32	28.6	28.6	0.0	0.0	72.9	0.0	-4.8	0.0	0.0	9.6	0.0	-0.0	-49.1	-49.1
2	466690.93	5021301.92	89.20	0	63	47.8	47.8	0.0	0.0	72.9	0.2	-4.8	0.0	0.0	9.6	0.0	-0.0	-30.1	-30.1
3	466690.93	5021301.92	89.20	0	125	64.9	64.9	0.0	0.0	72.9	0.5	1.5	0.0	0.0	3.3	0.0	-0.0	-13.3	-13.3
4	466690.93	5021301.92	89.20	0	250	78.4	78.4	0.0	0.0	72.9	1.3	-0.5	0.0	0.0	5.2	0.0	-0.0	-0.6	-0.6
5	466690.93	5021301.92	89.20	0	500	87.8	87.8	0.0	0.0	72.9	2.4	-1.6	0.0	0.0	6.3	0.0	-0.0	7.7	7.7
6	466690.93	5021301.92	89.20	0	1000	90.0	90.0	0.0	0.0	72.9	4.6	-1.6	0.0	0.0	6.3	0.0	-0.0	7.7	7.7
7	466690.93	5021301.92	89.20	0	2000	91.2	91.2	0.0	0.0	72.9	12.1	-1.6	0.0	0.0	6.3	0.0	-0.0	1.4	1.4
8	466690.93	5021301.92	89.20	0	4000	86.0	86.0	0.0	0.0	72.9	40.9	-1.6	0.0	0.0	6.3	0.0	-0.0	-32.7	-32.7
9	466690.93	5021301.92	89.20	0	8000	87.9	87.9	0.0	0.0	72.9	146.1	-1.6	0.0	0.0	6.3	0.0	-0.0	-135.9	-135.9

Point Source, ISO 9613, Name: "MRF - Vent - 1", ID: "A_002"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466249.05	5021456.41	87.00	0	32	53.1	53.1	0.0	0.0	70.7	0.0	-4.7	0.0	0.0	9.4	0.0	-0.0	-22.4	-22.4
2	466249.05	5021456.41	87.00	0	63	59.3	59.3	0.0	0.0	70.7	0.1	-4.7	0.0	0.0	9.4	0.0	-0.0	-16.3	-16.3
3	466249.05	5021456.41	87.00	0	125	66.4	66.4	0.0	0.0	70.7	0.4	1.5	0.0	0.0	3.3	0.0	-0.0	-9.5	-9.5
4	466249.05	5021456.41	87.00	0	250	74.9	74.9	0.0	0.0	70.7	1.0	-0.5	0.0	0.0	5.3	0.0	-0.0	-1.7	-1.7
5	466249.05	5021456.41	87.00	0	500	78.3	78.3	0.0	0.0	70.7	1.9	-1.6	0.0	0.0	6.5	0.0	-0.0	0.8	0.8
6	466249.05	5021456.41	87.00	0	1000	77.5	77.5	0.0	0.0	70.7	3.5	-1.6	0.0	0.0	6.5	0.0	-0.0	-1.7	-1.7
7	466249.05	5021456.41	87.00	0	2000	76.7	76.7	0.0	0.0	70.7	9.4	-1.6	0.0	0.0	6.7	0.0	-0.0	-8.5	-8.5
8	466249.05	5021456.41	87.00	0	4000	70.5	70.5	0.0	0.0	70.7	31.8	-1.6	0.0	0.0	7.0	0.0	-0.0	-37.5	-37.5
9	466249.05	5021456.41	87.00	0	8000	55.4	55.4	0.0	0.0	70.7	113.5	-1.6	0.0	0.0	7.6	0.0	-0.0	-134.8	-134.8

Point Source, ISO 9613, Name: "MRF - Vent - 2", ID: "A_003"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466256.62	5021436.80	87.00	0	32	53.1	53.1	0.0	0.0	70.7	0.0	-4.6	0.0	0.0	7.1	0.0	-0.0	-20.1	-20.1
2	466256.62	5021436.80	87.00	0	63	59.3	59.3	0.0	0.0	70.7	0.1	-4.6	0.0	0.0	8.0	0.0	-0.0	-14.8	-14.8
3	466256.62	5021436.80	87.00	0	125	66.4	66.4	0.0	0.0	70.7	0.4	1.5	0.0	0.0	3.1	0.0	-0.0	-9.2	-9.2
4	466256.62	5021436.80	87.00	0	250	74.9	74.9	0.0	0.0	70.7	1.0	-0.5	0.0	0.0	5.1	0.0	-0.0	-1.4	-1.4
5	466256.62	5021436.80	87.00	0	500	78.3	78.3	0.0	0.0	70.7	1.9	-1.6	0.0	0.0	6.3	0.0	-0.0	1.1	1.1
6	466256.62	5021436.80	87.00	0	1000	77.5	77.5	0.0	0.0	70.7	3.5	-1.6	0.0	0.0	6.5	0.0	-0.0	-1.6	-1.6
7	466256.62	5021436.80	87.00	0	2000	76.7	76.7	0.0	0.0	70.7	9.3	-1.6	0.0	0.0	6.6	0.0	-0.0	-8.3	-8.3
8	466256.62	5021436.80	87.00	0	4000	70.5	70.5	0.0	0.0	70.7	31.6	-1.6	0.0	0.0	6.9	0.0	-0.0	-37.0	-37.0
9	466256.62	5021436.80	87.00	0	8000	55.4	55.4	0.0	0.0	70.7	112.5	-1.6	0.0	0.0	7.4	0.0	-0.0	-133.7	-133.7

Point Source, ISO 9613, Name: "MRF - Vent - 3", ID: "A_004"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466263.98	5021417.73	87.00	0	32	53.1	53.1	0.0	0.0	70.6	0.0	-4.6	0.0	0.0	4.6	0.0	-0.0	-17.5	-17.5
2	466263.98	5021417.73	87.00	0	63	59.3	59.3	0.0	0.0	70.6	0.1	-4.6	0.0	0.0	4.8	0.0	-0.0	-11.6	-11.6
3	466263.98	5021417.73	87.00	0	125	66.4	66.4	0.0	0.0	70.6	0.4	1.5	0.0	0.0	2.0	0.0	-0.0	-8.1	-8.1
4	466263.98	5021417.73	87.00	0	250	74.9	74.9	0.0	0.0	70.6	1.0	-0.5	0.0	0.0	4.0	0.0	-0.0	-0.2	-0.2
5	466263.98	5021417.73	87.00	0	500	78.3	78.3	0.0	0.0	70.6	1.8	-1.6	0.0	0.0	5.4	0.0	-0.0	2.1	2.1
6	466263.98	5021417.73	87.00	0	1000	77.5	77.5	0.0	0.0	70.6	3.5	-1.6	0.0	0.0	5.9	0.0	-0.0	-0.9	-0.9
7	466263.98	5021417.73	87.00	0	2000	76.7	76.7	0.0	0.0	70.6	9.2	-1.6	0.0	0.0	6.3	0.0	-0.0	-7.8	-7.8
8	466263.98	5021417.73	87.00	0	4000	70.5	70.5	0.0	0.0	70.6	31.3	-1.6	0.0	0.0	6.7	0.0	-0.0	-36.5	-36.5
9	466263.98	5021417.73	87.00	0	8000	55.4	55.4	0.0	0.0	70.6	111.6	-1.6	0.0	0.0	7.2	0.0	-0.0	-132.5	-132.5

Point Source, ISO 9613, Name: "MRF - Vent - 4", ID: "A_005"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466307.16	5021422.20	87.00	0	32	53.1	53.1	0.0	0.0	70.9	0.0	-4.7	0.0	0.0	0.0	0.0	-0.0	-13.2	-13.2

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "MRF - Vent - 4", ID: "A_005"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
2	466307.16	5021422.20	87.00	0	63	59.3	59.3	0.0	0.0	70.9	0.1	-4.7	0.0	0.0	0.0	0.0	-0.0	-7.0	-7.0
3	466307.16	5021422.20	87.00	0	125	66.4	66.4	0.0	0.0	70.9	0.4	1.5	0.0	0.0	0.0	0.0	-0.0	-6.4	-6.4
4	466307.16	5021422.20	87.00	0	250	74.9	74.9	0.0	0.0	70.9	1.0	-0.5	0.0	0.0	0.0	0.0	-0.0	3.5	3.5
5	466307.16	5021422.20	87.00	0	500	78.3	78.3	0.0	0.0	70.9	1.9	-1.6	0.0	0.0	0.0	0.0	-0.0	7.1	7.1
6	466307.16	5021422.20	87.00	0	1000	77.5	77.5	0.0	0.0	70.9	3.6	-1.6	0.0	0.0	0.0	0.0	-0.0	4.6	4.6
7	466307.16	5021422.20	87.00	0	2000	76.7	76.7	0.0	0.0	70.9	9.6	-1.6	0.0	0.0	0.0	0.0	-0.0	-2.2	-2.2
8	466307.16	5021422.20	87.00	0	4000	70.5	70.5	0.0	0.0	70.9	32.5	-1.6	0.0	0.0	0.0	0.0	-0.0	-31.3	-31.3
9	466307.16	5021422.20	87.00	0	8000	55.4	55.4	0.0	0.0	70.9	115.8	-1.6	0.0	0.0	0.0	0.0	-0.0	-129.7	-129.7

Point Source, ISO 9613, Name: "MRF - Vent - 5", ID: "A_006"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466351.22	5021439.25	87.00	0	32	53.1	53.1	0.0	0.0	71.3	0.0	-4.7	0.0	0.0	0.0	0.0	-0.0	-13.5	-13.5
2	466351.22	5021439.25	87.00	0	63	59.3	59.3	0.0	0.0	71.3	0.1	-4.7	0.0	0.0	0.0	0.0	-0.0	-7.4	-7.4
3	466351.22	5021439.25	87.00	0	125	66.4	66.4	0.0	0.0	71.3	0.4	1.4	0.0	0.0	0.0	0.0	-0.0	-6.8	-6.8
4	466351.22	5021439.25	87.00	0	250	74.9	74.9	0.0	0.0	71.3	1.1	-0.6	0.0	0.0	0.0	0.0	-0.0	3.1	3.1
5	466351.22	5021439.25	87.00	0	500	78.3	78.3	0.0	0.0	71.3	2.0	-1.7	0.0	0.0	0.0	0.0	-0.0	6.7	6.7
6	466351.22	5021439.25	87.00	0	1000	77.5	77.5	0.0	0.0	71.3	3.8	-1.7	0.0	0.0	0.0	0.0	-0.0	4.1	4.1
7	466351.22	5021439.25	87.00	0	2000	76.7	76.7	0.0	0.0	71.3	10.0	-1.7	0.0	0.0	0.0	0.0	-0.0	-2.9	-2.9
8	466351.22	5021439.25	87.00	0	4000	70.5	70.5	0.0	0.0	71.3	33.9	-1.7	0.0	0.0	0.0	0.0	-0.0	-33.0	-33.0
9	466351.22	5021439.25	87.00	0	8000	55.4	55.4	0.0	0.0	71.3	121.0	-1.7	0.0	0.0	0.0	0.0	-0.0	-135.2	-135.2

Point Source, ISO 9613, Name: "MRF - Vent - 6", ID: "A_007"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466442.41	5021495.05	87.00	0	32	53.1	53.1	0.0	0.0	72.1	0.0	-4.9	0.0	0.0	9.7	0.0	-0.0	-23.9	-23.9
2	466442.41	5021495.05	87.00	0	63	59.3	59.3	0.0	0.0	72.1	0.1	-4.9	0.0	0.0	9.9	0.0	-0.0	-18.0	-18.0
3	466442.41	5021495.05	87.00	0	125	66.4	66.4	0.0	0.0	72.1	0.5	1.4	0.0	0.0	4.0	0.0	-0.0	-11.6	-11.6
4	466442.41	5021495.05	87.00	0	250	74.9	74.9	0.0	0.0	72.1	1.2	-0.6	0.0	0.0	6.8	0.0	-0.0	-4.6	-4.6
5	466442.41	5021495.05	87.00	0	500	78.3	78.3	0.0	0.0	72.1	2.2	-1.8	0.0	0.0	9.1	0.0	-0.0	-3.4	-3.4
6	466442.41	5021495.05	87.00	0	1000	77.5	77.5	0.0	0.0	72.1	4.2	-1.8	0.0	0.0	10.7	0.0	-0.0	-7.8	-7.8
7	466442.41	5021495.05	87.00	0	2000	76.7	76.7	0.0	0.0	72.1	11.0	-1.8	0.0	0.0	12.8	0.0	-0.0	-17.6	-17.6
8	466442.41	5021495.05	87.00	0	4000	70.5	70.5	0.0	0.0	72.1	37.4	-1.8	0.0	0.0	15.3	0.0	-0.0	-52.6	-52.6
9	466442.41	5021495.05	87.00	0	8000	55.4	55.4	0.0	0.0	72.1	133.4	-1.8	0.0	0.0	18.0	0.0	-0.0	-166.4	-166.4

Point Source, ISO 9613, Name: "MRF - Vent - 7", ID: "A_008"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466393.90	5021455.76	87.00	0	32	53.1	53.1	0.0	0.0	71.7	0.0	-4.8	0.0	0.0	0.0	0.0	-0.0	-13.8	-13.8
2	466393.90	5021455.76	87.00	0	63	59.3	59.3	0.0	0.0	71.7	0.1	-4.8	0.0	0.0	0.0	0.0	-0.0	-7.7	-7.7
3	466393.90	5021455.76	87.00	0	125	66.4	66.4	0.0	0.0	71.7	0.4	1.4	0.0	0.0	0.0	0.0	-0.0	-7.1	-7.1
4	466393.90	5021455.76	87.00	0	250	74.9	74.9	0.0	0.0	71.7	1.1	-0.6	0.0	0.0	0.0	0.0	-0.0	2.7	2.7
5	466393.90	5021455.76	87.00	0	500	78.3	78.3	0.0	0.0	71.7	2.1	-1.7	0.0	0.0	0.0	0.0	-0.0	6.3	6.3
6	466393.90	5021455.76	87.00	0	1000	77.5	77.5	0.0	0.0	71.7	3.9	-1.7	0.0	0.0	0.0	0.0	-0.0	3.6	3.6
7	466393.90	5021455.76	87.00	0	2000	76.7	76.7	0.0	0.0	71.7	10.4	-1.7	0.0	0.0	0.0	0.0	-0.0	-3.7	-3.7
8	466393.90	5021455.76	87.00	0	4000	70.5	70.5	0.0	0.0	71.7	35.3	-1.7	0.0	0.0	0.0	0.0	-0.0	-34.8	-34.8
9	466393.90	5021455.76	87.00	0	8000	55.4	55.4	0.0	0.0	71.7	126.1	-1.7	0.0	0.0	0.0	0.0	-0.0	-140.6	-140.6

Point Source, ISO 9613, Name: "MRF - Vent - 8", ID: "A_009"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466449.84	5021529.74	87.00	0	32	53.1	53.1	0.0	0.0	72.3	0.0	-4.9	0.0	0.0	17.5	0.0	-0.0	-31.9	-31.9
2	466449.84	5021529.74	87.00	0	63	59.3	59.3	0.0	0.0	72.3	0.1	-4.9	0.0	0.0	20.7	0.0	-0.0	-29.0	-29.0
3	466449.84	5021529.74	87.00	0	125	66.4	66.4	0.0	0.0	72.3	0.5	1.4	0.0	0.0	17.5	0.0	-0.0	-25.3	-25.3
4	466449.84	5021529.74	87.00	0	250	74.9	74.9	0.0	0.0	72.3	1.2	-0.7	0.0	0.0	22.5	0.0	-0.0	-20.5	-20.5
5	466449.84	5021529.74	87.00	0	500	78.3	78.3	0.0	0.0	72.3	2.3	-1.8	0.0	0.0	26.6	0.0	-0.0	-21.1	-21.1
6	466449.84	5021529.74	87.00	0	1000	77.5	77.5	0.0	0.0	72.3	4.3	-1.8	0.0	0.0	26.8	0.0	-0.0	-24.1	-24.1
7	466449.84	5021529.74	87.00	0	2000	76.7	76.7	0.0	0.0	72.3	11.3	-1.8	0.0	0.0	26.8	0.0	-0.0	-31.9	-31.9
8	466449.84	5021529.74	87.00	0	4000	70.5	70.5	0.0	0.0	72.3	38.3	-1.8	0.0	0.0	26.8	0.0	-0.0	-65.1	-65.1
9	466449.84	5021529.74	87.00	0	8000	55.4	55.4	0.0	0.0	72.3	136.6	-1.8	0.0	0.0	26.8	0.0	-0.0	-178.6	-178.6

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "MRF - Vent - 9", ID: "A_010"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466425.25	5021534.40	87.00	0	32	53.1	53.1	0.0	0.0	72.2	0.0	-4.9	0.0	0.0	17.7	0.0	-0.0	-32.0	-32.0
2	466425.25	5021534.40	87.00	0	63	59.3	59.3	0.0	0.0	72.2	0.1	-4.9	0.0	0.0	20.8	0.0	-0.0	-29.0	-29.0
3	466425.25	5021534.40	87.00	0	125	66.4	66.4	0.0	0.0	72.2	0.5	1.4	0.0	0.0	17.4	0.0	-0.0	-25.1	-25.1
4	466425.25	5021534.40	87.00	0	250	74.9	74.9	0.0	0.0	72.2	1.2	-0.6	0.0	0.0	22.4	0.0	-0.0	-20.3	-20.3
5	466425.25	5021534.40	87.00	0	500	78.3	78.3	0.0	0.0	72.2	2.2	-1.8	0.0	0.0	26.5	0.0	-0.0	-20.9	-20.9
6	466425.25	5021534.40	87.00	0	1000	77.5	77.5	0.0	0.0	72.2	4.2	-1.8	0.0	0.0	26.8	0.0	-0.0	-23.9	-23.9
7	466425.25	5021534.40	87.00	0	2000	76.7	76.7	0.0	0.0	72.2	11.1	-1.8	0.0	0.0	26.8	0.0	-0.0	-31.7	-31.7
8	466425.25	5021534.40	87.00	0	4000	70.5	70.5	0.0	0.0	72.2	37.8	-1.8	0.0	0.0	26.8	0.0	-0.0	-64.5	-64.5
9	466425.25	5021534.40	87.00	0	8000	55.4	55.4	0.0	0.0	72.2	134.8	-1.8	0.0	0.0	26.8	0.0	-0.0	-176.6	-176.6

Point Source, ISO 9613, Name: "MRF - Vent - 10", ID: "A_011"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466375.29	5021514.97	87.00	0	32	53.1	53.1	0.0	0.0	71.8	0.0	-4.8	0.0	0.0	17.4	0.0	-0.0	-31.4	-31.4
2	466375.29	5021514.97	87.00	0	63	59.3	59.3	0.0	0.0	71.8	0.1	-4.8	0.0	0.0	20.7	0.0	-0.0	-28.5	-28.5
3	466375.29	5021514.97	87.00	0	125	66.4	66.4	0.0	0.0	71.8	0.5	1.4	0.0	0.0	17.4	0.0	-0.0	-24.8	-24.8
4	466375.29	5021514.97	87.00	0	250	74.9	74.9	0.0	0.0	71.8	1.2	-0.6	0.0	0.0	22.4	0.0	-0.0	-19.9	-19.9
5	466375.29	5021514.97	87.00	0	500	78.3	78.3	0.0	0.0	71.8	2.1	-1.7	0.0	0.0	26.5	0.0	-0.0	-20.5	-20.5
6	466375.29	5021514.97	87.00	0	1000	77.5	77.5	0.0	0.0	71.8	4.0	-1.7	0.0	0.0	26.7	0.0	-0.0	-23.4	-23.4
7	466375.29	5021514.97	87.00	0	2000	76.7	76.7	0.0	0.0	71.8	10.7	-1.7	0.0	0.0	26.7	0.0	-0.0	-30.8	-30.8
8	466375.29	5021514.97	87.00	0	4000	70.5	70.5	0.0	0.0	71.8	36.1	-1.7	0.0	0.0	26.7	0.0	-0.0	-62.5	-62.5
9	466375.29	5021514.97	87.00	0	8000	55.4	55.4	0.0	0.0	71.8	128.9	-1.7	0.0	0.0	26.7	0.0	-0.0	-170.4	-170.4

Point Source, ISO 9613, Name: "MRF - Vent - 11", ID: "A_012"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466320.35	5021493.61	87.00	0	32	53.1	53.1	0.0	0.0	71.4	0.0	-4.8	0.0	0.0	16.6	0.0	-0.0	-30.2	-30.2
2	466320.35	5021493.61	87.00	0	63	59.3	59.3	0.0	0.0	71.4	0.1	-4.8	0.0	0.0	20.2	0.0	-0.0	-27.7	-27.7
3	466320.35	5021493.61	87.00	0	125	66.4	66.4	0.0	0.0	71.4	0.4	1.4	0.0	0.0	17.3	0.0	-0.0	-24.2	-24.2
4	466320.35	5021493.61	87.00	0	250	74.9	74.9	0.0	0.0	71.4	1.1	-0.6	0.0	0.0	22.4	0.0	-0.0	-19.4	-19.4
5	466320.35	5021493.61	87.00	0	500	78.3	78.3	0.0	0.0	71.4	2.0	-1.7	0.0	0.0	26.5	0.0	-0.0	-20.0	-20.0
6	466320.35	5021493.61	87.00	0	1000	77.5	77.5	0.0	0.0	71.4	3.8	-1.7	0.0	0.0	26.7	0.0	-0.0	-22.7	-22.7
7	466320.35	5021493.61	87.00	0	2000	76.7	76.7	0.0	0.0	71.4	10.1	-1.7	0.0	0.0	26.7	0.0	-0.0	-29.8	-29.8
8	466320.35	5021493.61	87.00	0	4000	70.5	70.5	0.0	0.0	71.4	34.3	-1.7	0.0	0.0	26.7	0.0	-0.0	-60.3	-60.3
9	466320.35	5021493.61	87.00	0	8000	55.4	55.4	0.0	0.0	71.4	122.5	-1.7	0.0	0.0	26.7	0.0	-0.0	-163.5	-163.5

Point Source, ISO 9613, Name: "MRF - Vent - 12", ID: "A_013"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466265.87	5021472.42	87.00	0	32	53.1	53.1	0.0	0.0	71.0	0.0	-4.7	0.0	0.0	17.8	0.0	-0.0	-31.0	-31.0
2	466265.87	5021472.42	87.00	0	63	59.3	59.3	0.0	0.0	71.0	0.1	-4.7	0.0	0.0	20.8	0.0	-0.0	-27.9	-27.9
3	466265.87	5021472.42	87.00	0	125	66.4	66.4	0.0	0.0	71.0	0.4	1.5	0.0	0.0	17.6	0.0	-0.0	-24.0	-24.0
4	466265.87	5021472.42	87.00	0	250	74.9	74.9	0.0	0.0	71.0	1.0	-0.5	0.0	0.0	22.6	0.0	-0.0	-19.1	-19.1
5	466265.87	5021472.42	87.00	0	500	78.3	78.3	0.0	0.0	71.0	1.9	-1.6	0.0	0.0	26.6	0.0	-0.0	-19.6	-19.6
6	466265.87	5021472.42	87.00	0	1000	77.5	77.5	0.0	0.0	71.0	3.6	-1.6	0.0	0.0	26.6	0.0	-0.0	-22.1	-22.1
7	466265.87	5021472.42	87.00	0	2000	76.7	76.7	0.0	0.0	71.0	9.6	-1.6	0.0	0.0	26.6	0.0	-0.0	-28.9	-28.9
8	466265.87	5021472.42	87.00	0	4000	70.5	70.5	0.0	0.0	71.0	32.6	-1.6	0.0	0.0	26.6	0.0	-0.0	-58.0	-58.0
9	466265.87	5021472.42	87.00	0	8000	55.4	55.4	0.0	0.0	71.0	116.2	-1.6	0.0	0.0	26.6	0.0	-0.0	-156.8	-156.8

Point Source, ISO 9613, Name: "C&D - Vent - 1", ID: "A_014"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466062.41	5021384.31	87.00	0	32	53.1	53.1	0.0	0.0	69.0	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-11.5	-11.5
2	466062.41	5021384.31	87.00	0	63	59.3	59.3	0.0	0.0	69.0	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	-5.4	-5.4
3	466062.41	5021384.31	87.00	0	125	66.4	66.4	0.0	0.0	69.0	0.3	1.7	0.0	0.0	0.0	0.0	-0.0	-4.6	-4.6
4	466062.41	5021384.31	87.00	0	250	74.9	74.9	0.0	0.0	69.0	0.8	-0.2	0.0	0.0	0.0	0.0	-0.0	5.3	5.3
5	466062.41	5021384.31	87.00	0	500	78.3	78.3	0.0	0.0	69.0	1.5	-1.4	0.0	0.0	0.0	0.0	-0.0	9.2	9.2
6	466062.41	5021384.31	87.00	0	1000	77.5	77.5	0.0	0.0	69.0	2.9	-1.4	0.0	0.0	0.0	0.0	-0.0	7.0	7.0
7	466062.41	5021384.31	87.00	0	2000	76.7	76.7	0.0	0.0	69.0	7.6	-1.4	0.0	0.0	0.0	0.0	-0.0	1.4	1.4
8	466062.41	5021384.31	87.00	0	4000	70.5	70.5	0.0	0.0	69.0	25.9	-1.4	0.0	0.0	0.0	0.0	-0.0	-23.1	-23.1
9	466062.41	5021384.31	87.00	0	8000	55.4	55.4	0.0	0.0	69.0	92.5	-1.4	0.0	0.0	0.0	0.0	-0.0	-104.7	-104.7



Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "C&D - Vent - 2", ID: "A_015"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466072.70	5021357.08	87.00	0	32	53.1	53.1	0.0	0.0	68.8	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-11.4	-11.4
2	466072.70	5021357.08	87.00	0	63	59.3	59.3	0.0	0.0	68.8	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	-5.3	-5.3
3	466072.70	5021357.08	87.00	0	125	66.4	66.4	0.0	0.0	68.8	0.3	1.7	0.0	0.0	0.0	0.0	-0.0	-4.4	-4.4
4	466072.70	5021357.08	87.00	0	250	74.9	74.9	0.0	0.0	68.8	0.8	-0.2	0.0	0.0	0.0	0.0	-0.0	5.5	5.5
5	466072.70	5021357.08	87.00	0	500	78.3	78.3	0.0	0.0	68.8	1.5	-1.3	0.0	0.0	0.0	0.0	-0.0	9.3	9.3
6	466072.70	5021357.08	87.00	0	1000	77.5	77.5	0.0	0.0	68.8	2.8	-1.3	0.0	0.0	0.0	0.0	-0.0	7.2	7.2
7	466072.70	5021357.08	87.00	0	2000	76.7	76.7	0.0	0.0	68.8	7.5	-1.3	0.0	0.0	0.0	0.0	-0.0	1.7	1.7
8	466072.70	5021357.08	87.00	0	4000	70.5	70.5	0.0	0.0	68.8	25.5	-1.3	0.0	0.0	0.0	0.0	-0.0	-22.5	-22.5
9	466072.70	5021357.08	87.00	0	8000	55.4	55.4	0.0	0.0	68.8	90.9	-1.3	0.0	0.0	0.0	0.0	-0.0	-103.0	-103.0

Point Source, ISO 9613, Name: "C&D - Vent - 3", ID: "A_016"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466083.78	5021327.72	87.00	0	32	53.1	53.1	0.0	0.0	68.7	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-11.3	-11.3
2	466083.78	5021327.72	87.00	0	63	59.3	59.3	0.0	0.0	68.7	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	-5.1	-5.1
3	466083.78	5021327.72	87.00	0	125	66.4	66.4	0.0	0.0	68.7	0.3	1.7	0.0	0.0	0.0	0.0	-0.0	-4.2	-4.2
4	466083.78	5021327.72	87.00	0	250	74.9	74.9	0.0	0.0	68.7	0.8	-0.2	0.0	0.0	0.0	0.0	-0.0	5.7	5.7
5	466083.78	5021327.72	87.00	0	500	78.3	78.3	0.0	0.0	68.7	1.5	-1.3	0.0	0.0	0.0	0.0	-0.0	9.5	9.5
6	466083.78	5021327.72	87.00	0	1000	77.5	77.5	0.0	0.0	68.7	2.8	-1.3	0.0	0.0	0.0	0.0	-0.0	7.4	7.4
7	466083.78	5021327.72	87.00	0	2000	76.7	76.7	0.0	0.0	68.7	7.4	-1.3	0.0	0.0	0.0	0.0	-0.0	2.0	2.0
8	466083.78	5021327.72	87.00	0	4000	70.5	70.5	0.0	0.0	68.7	25.0	-1.3	0.0	0.0	0.0	0.0	-0.0	-21.8	-21.8
9	466083.78	5021327.72	87.00	0	8000	55.4	55.4	0.0	0.0	68.7	89.2	-1.3	0.0	0.0	0.0	0.0	-0.0	-101.2	-101.2

Point Source, ISO 9613, Name: "C&D - Vent - 4", ID: "A_017"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466113.18	5021331.72	87.00	0	32	53.1	53.1	0.0	0.0	68.9	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-11.5	-11.5
2	466113.18	5021331.72	87.00	0	63	59.3	59.3	0.0	0.0	68.9	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	-5.4	-5.4
3	466113.18	5021331.72	87.00	0	125	66.4	66.4	0.0	0.0	68.9	0.3	1.6	0.0	0.0	0.0	0.0	-0.0	-4.5	-4.5
4	466113.18	5021331.72	87.00	0	250	74.9	74.9	0.0	0.0	68.9	0.8	-0.3	0.0	0.0	0.0	0.0	-0.0	5.4	5.4
5	466113.18	5021331.72	87.00	0	500	78.3	78.3	0.0	0.0	68.9	1.5	-1.4	0.0	0.0	0.0	0.0	-0.0	9.2	9.2
6	466113.18	5021331.72	87.00	0	1000	77.5	77.5	0.0	0.0	68.9	2.9	-1.4	0.0	0.0	0.0	0.0	-0.0	7.1	7.1
7	466113.18	5021331.72	87.00	0	2000	76.7	76.7	0.0	0.0	68.9	7.6	-1.4	0.0	0.0	0.0	0.0	-0.0	1.6	1.6
8	466113.18	5021331.72	87.00	0	4000	70.5	70.5	0.0	0.0	68.9	25.8	-1.4	0.0	0.0	0.0	0.0	-0.0	-22.8	-22.8
9	466113.18	5021331.72	87.00	0	8000	55.4	55.4	0.0	0.0	68.9	92.0	-1.4	0.0	0.0	0.0	0.0	-0.0	-104.1	-104.1

Point Source, ISO 9613, Name: "C&D - Vent - 5", ID: "A_018"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466162.26	5021350.68	87.00	0	32	53.1	53.1	0.0	0.0	69.4	0.0	-4.4	0.0	0.0	0.0	0.0	-0.0	-11.9	-11.9
2	466162.26	5021350.68	87.00	0	63	59.3	59.3	0.0	0.0	69.4	0.1	-4.4	0.0	0.0	0.0	0.0	-0.0	-5.8	-5.8
3	466162.26	5021350.68	87.00	0	125	66.4	66.4	0.0	0.0	69.4	0.3	1.6	0.0	0.0	0.0	0.0	-0.0	-5.0	-5.0
4	466162.26	5021350.68	87.00	0	250	74.9	74.9	0.0	0.0	69.4	0.9	-0.3	0.0	0.0	0.0	0.0	-0.0	4.9	4.9
5	466162.26	5021350.68	87.00	0	500	78.3	78.3	0.0	0.0	69.4	1.6	-1.4	0.0	0.0	0.0	0.0	-0.0	8.7	8.7
6	466162.26	5021350.68	87.00	0	1000	77.5	77.5	0.0	0.0	69.4	3.0	-1.4	0.0	0.0	0.0	0.0	-0.0	6.5	6.5
7	466162.26	5021350.68	87.00	0	2000	76.7	76.7	0.0	0.0	69.4	8.1	-1.4	0.0	0.0	0.0	0.0	-0.0	0.6	0.6
8	466162.26	5021350.68	87.00	0	4000	70.5	70.5	0.0	0.0	69.4	27.4	-1.4	0.0	0.0	0.0	0.0	-0.0	-24.9	-24.9
9	466162.26	5021350.68	87.00	0	8000	55.4	55.4	0.0	0.0	69.4	97.6	-1.4	0.0	0.0	0.0	0.0	-0.0	-110.2	-110.2

Point Source, ISO 9613, Name: "C&D - Vent - 6", ID: "A_019"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466206.86	5021367.91	87.00	0	32	53.1	53.1	0.0	0.0	69.9	0.0	-4.5	0.0	0.0	0.0	0.0	-0.0	-12.3	-12.3
2	466206.86	5021367.91	87.00	0	63	59.3	59.3	0.0	0.0	69.9	0.1	-4.5	0.0	0.0	0.0	0.0	-0.0	-6.2	-6.2
3	466206.86	5021367.91	87.00	0	125	66.4	66.4	0.0	0.0	69.9	0.4	1.6	0.0	0.0	0.0	0.0	-0.0	-5.4	-5.4
4	466206.86	5021367.91	87.00	0	250	74.9	74.9	0.0	0.0	69.9	0.9	-0.4	0.0	0.0	0.0	0.0	-0.0	4.5	4.5
5	466206.86	5021367.91	87.00	0	500	78.3	78.3	0.0	0.0	69.9	1.7	-1.5	0.0	0.0	0.0	0.0	-0.0	8.2	8.2
6	466206.86	5021367.91	87.00	0	1000	77.5	77.5	0.0	0.0	69.9	3.2	-1.5	0.0	0.0	0.0	0.0	-0.0	5.9	5.9
7	466206.86	5021367.91	87.00	0	2000	76.7	76.7	0.0	0.0	69.9	8.5	-1.5	0.0	0.0	0.0	0.0	-0.0	-0.2	-0.2
8	466206.86	5021367.91	87.00	0	4000	70.5	70.5	0.0	0.0	69.9	28.8	-1.5	0.0	0.0	0.0	0.0	-0.0	-26.7	-26.7
9	466206.86	5021367.91	87.00	0	8000	55.4	55.4	0.0	0.0	69.9	102.8	-1.5	0.0	0.0	0.0	0.0	-0.0	-115.8	-115.8

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "C&D - Vent - 7", ID: "A_020"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466225.47	5021384.81	87.00	0	32	53.1	53.1	0.0	0.0	70.1	0.0	-4.6	0.0	0.0	9.4	0.0	-0.0	-21.9	-21.9
2	466225.47	5021384.81	87.00	0	63	59.3	59.3	0.0	0.0	70.1	0.1	-4.6	0.0	0.0	12.1	0.0	-0.0	-18.5	-18.5
3	466225.47	5021384.81	87.00	0	125	66.4	66.4	0.0	0.0	70.1	0.4	1.5	0.0	0.0	12.6	0.0	-0.0	-18.2	-18.2
4	466225.47	5021384.81	87.00	0	250	74.9	74.9	0.0	0.0	70.1	0.9	-0.4	0.0	0.0	17.0	0.0	-0.0	-12.8	-12.8
5	466225.47	5021384.81	87.00	0	500	78.3	78.3	0.0	0.0	70.1	1.7	-1.5	0.0	0.0	20.5	0.0	-0.0	-12.6	-12.6
6	466225.47	5021384.81	87.00	0	1000	77.5	77.5	0.0	0.0	70.1	3.3	-1.5	0.0	0.0	22.9	0.0	-0.0	-17.3	-17.3
7	466225.47	5021384.81	87.00	0	2000	76.7	76.7	0.0	0.0	70.1	8.7	-1.5	0.0	0.0	24.3	0.0	-0.0	-25.0	-25.0
8	466225.47	5021384.81	87.00	0	4000	70.5	70.5	0.0	0.0	70.1	29.6	-1.5	0.0	0.0	25.3	0.0	-0.0	-53.0	-53.0
9	466225.47	5021384.81	87.00	0	8000	55.4	55.4	0.0	0.0	70.1	105.7	-1.5	0.0	0.0	25.9	0.0	-0.0	-144.8	-144.8

Point Source, ISO 9613, Name: "C&D - Vent - 8", ID: "A_021"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466214.92	5021411.84	87.00	0	32	53.1	53.1	0.0	0.0	70.2	0.0	-4.6	0.0	0.0	13.2	0.0	-0.0	-25.8	-25.8
2	466214.92	5021411.84	87.00	0	63	59.3	59.3	0.0	0.0	70.2	0.1	-4.6	0.0	0.0	16.4	0.0	-0.0	-22.9	-22.9
3	466214.92	5021411.84	87.00	0	125	66.4	66.4	0.0	0.0	70.2	0.4	1.5	0.0	0.0	15.4	0.0	-0.0	-21.1	-21.1
4	466214.92	5021411.84	87.00	0	250	74.9	74.9	0.0	0.0	70.2	1.0	-0.4	0.0	0.0	19.9	0.0	-0.0	-15.7	-15.7
5	466214.92	5021411.84	87.00	0	500	78.3	78.3	0.0	0.0	70.2	1.8	-1.5	0.0	0.0	23.6	0.0	-0.0	-15.8	-15.8
6	466214.92	5021411.84	87.00	0	1000	77.5	77.5	0.0	0.0	70.2	3.3	-1.5	0.0	0.0	25.3	0.0	-0.0	-19.9	-19.9
7	466214.92	5021411.84	87.00	0	2000	76.7	76.7	0.0	0.0	70.2	8.9	-1.5	0.0	0.0	25.9	0.0	-0.0	-26.7	-26.7
8	466214.92	5021411.84	87.00	0	4000	70.5	70.5	0.0	0.0	70.2	30.0	-1.5	0.0	0.0	26.2	0.0	-0.0	-54.4	-54.4
9	466214.92	5021411.84	87.00	0	8000	55.4	55.4	0.0	0.0	70.2	107.0	-1.5	0.0	0.0	26.4	0.0	-0.0	-146.7	-146.7

Point Source, ISO 9613, Name: "C&D - Vent - 9", ID: "A_022"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466203.46	5021441.17	87.00	0	32	53.1	53.1	0.0	0.0	70.3	0.0	-4.6	0.0	0.0	16.6	0.0	-0.0	-29.3	-29.3
2	466203.46	5021441.17	87.00	0	63	59.3	59.3	0.0	0.0	70.3	0.1	-4.6	0.0	0.0	19.6	0.0	-0.0	-26.2	-26.2
3	466203.46	5021441.17	87.00	0	125	66.4	66.4	0.0	0.0	70.3	0.4	1.5	0.0	0.0	16.4	0.0	-0.0	-22.3	-22.3
4	466203.46	5021441.17	87.00	0	250	74.9	74.9	0.0	0.0	70.3	1.0	-0.4	0.0	0.0	21.3	0.0	-0.0	-17.3	-17.3
5	466203.46	5021441.17	87.00	0	500	78.3	78.3	0.0	0.0	70.3	1.8	-1.5	0.0	0.0	25.4	0.0	-0.0	-17.7	-17.7
6	466203.46	5021441.17	87.00	0	1000	77.5	77.5	0.0	0.0	70.3	3.4	-1.5	0.0	0.0	26.5	0.0	-0.0	-21.2	-21.2
7	466203.46	5021441.17	87.00	0	2000	76.7	76.7	0.0	0.0	70.3	9.0	-1.5	0.0	0.0	26.5	0.0	-0.0	-27.6	-27.6
8	466203.46	5021441.17	87.00	0	4000	70.5	70.5	0.0	0.0	70.3	30.4	-1.5	0.0	0.0	26.5	0.0	-0.0	-55.3	-55.3
9	466203.46	5021441.17	87.00	0	8000	55.4	55.4	0.0	0.0	70.3	108.5	-1.5	0.0	0.0	26.5	0.0	-0.0	-148.4	-148.4

Point Source, ISO 9613, Name: "C&D - Vent - 10", ID: "A_023"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466188.26	5021441.96	87.00	0	32	53.1	53.1	0.0	0.0	70.3	0.0	-4.6	0.0	0.0	16.4	0.0	-0.0	-29.0	-29.0
2	466188.26	5021441.96	87.00	0	63	59.3	59.3	0.0	0.0	70.3	0.1	-4.6	0.0	0.0	19.5	0.0	-0.0	-26.0	-26.0
3	466188.26	5021441.96	87.00	0	125	66.4	66.4	0.0	0.0	70.3	0.4	1.5	0.0	0.0	16.3	0.0	-0.0	-22.1	-22.1
4	466188.26	5021441.96	87.00	0	250	74.9	74.9	0.0	0.0	70.3	1.0	-0.4	0.0	0.0	21.3	0.0	-0.0	-17.1	-17.1
5	466188.26	5021441.96	87.00	0	500	78.3	78.3	0.0	0.0	70.3	1.8	-1.5	0.0	0.0	25.3	0.0	-0.0	-17.5	-17.5
6	466188.26	5021441.96	87.00	0	1000	77.5	77.5	0.0	0.0	70.3	3.4	-1.5	0.0	0.0	26.5	0.0	-0.0	-21.1	-21.1
7	466188.26	5021441.96	87.00	0	2000	76.7	76.7	0.0	0.0	70.3	8.9	-1.5	0.0	0.0	26.5	0.0	-0.0	-27.4	-27.4
8	466188.26	5021441.96	87.00	0	4000	70.5	70.5	0.0	0.0	70.3	30.1	-1.5	0.0	0.0	26.5	0.0	-0.0	-54.8	-54.8
9	466188.26	5021441.96	87.00	0	8000	55.4	55.4	0.0	0.0	70.3	107.3	-1.5	0.0	0.0	26.5	0.0	-0.0	-147.2	-147.2

Point Source, ISO 9613, Name: "C&D - Vent - 11", ID: "A_024"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466130.99	5021419.46	87.00	0	32	53.1	53.1	0.0	0.0	69.7	0.0	-4.5	0.0	0.0	11.0	0.0	-0.0	-23.2	-23.2
2	466130.99	5021419.46	87.00	0	63	59.3	59.3	0.0	0.0	69.7	0.1	-4.5	0.0	0.0	14.0	0.0	-0.0	-20.0	-20.0
3	466130.99	5021419.46	87.00	0	125	66.4	66.4	0.0	0.0	69.7	0.4	1.6	0.0	0.0	14.2	0.0	-0.0	-19.4	-19.4
4	466130.99	5021419.46	87.00	0	250	74.9	74.9	0.0	0.0	69.7	0.9	-0.4	0.0	0.0	18.3	0.0	-0.0	-13.6	-13.6
5	466130.99	5021419.46	87.00	0	500	78.3	78.3	0.0	0.0	69.7	1.7	-1.5	0.0	0.0	21.8	0.0	-0.0	-13.4	-13.4
6	466130.99	5021419.46	87.00	0	1000	77.5	77.5	0.0	0.0	69.7	3.2	-1.5	0.0	0.0	23.8	0.0	-0.0	-17.8	-17.8
7	466130.99	5021419.46	87.00	0	2000	76.7	76.7	0.0	0.0	69.7	8.3	-1.5	0.0	0.0	24.9	0.0	-0.0	-24.9	-24.9
8	466130.99	5021419.46	87.00	0	4000	70.5	70.5	0.0	0.0	69.7	28.3	-1.5	0.0	0.0	25.6	0.0	-0.0	-51.7	-51.7
9	466130.99	5021419.46	87.00	0	8000	55.4	55.4	0.0	0.0	69.7	100.9	-1.5	0.0	0.0	26.0	0.0	-0.0	-139.8	-139.8

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "C&D - Vent - 12", ID: "A_025"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466087.05	5021402.20	87.00	0	32	53.1	53.1	0.0	0.0	69.3	0.0	-4.4	0.0	0.0	8.5	0.0	-0.0	-20.3	-20.3
2	466087.05	5021402.20	87.00	0	63	59.3	59.3	0.0	0.0	69.3	0.1	-4.4	0.0	0.0	11.0	0.0	-0.0	-16.7	-16.7
3	466087.05	5021402.20	87.00	0	125	66.4	66.4	0.0	0.0	69.3	0.3	1.6	0.0	0.0	12.0	0.0	-0.0	-16.9	-16.9
4	466087.05	5021402.20	87.00	0	250	74.9	74.9	0.0	0.0	69.3	0.9	-0.3	0.0	0.0	15.9	0.0	-0.0	-10.8	-10.8
5	466087.05	5021402.20	87.00	0	500	78.3	78.3	0.0	0.0	69.3	1.6	-1.4	0.0	0.0	19.2	0.0	-0.0	-10.3	-10.3
6	466087.05	5021402.20	87.00	0	1000	77.5	77.5	0.0	0.0	69.3	3.0	-1.4	0.0	0.0	21.6	0.0	-0.0	-15.0	-15.0
7	466087.05	5021402.20	87.00	0	2000	76.7	76.7	0.0	0.0	69.3	7.9	-1.4	0.0	0.0	23.4	0.0	-0.0	-22.5	-22.5
8	466087.05	5021402.20	87.00	0	4000	70.5	70.5	0.0	0.0	69.3	26.9	-1.4	0.0	0.0	24.6	0.0	-0.0	-48.9	-48.9
9	466087.05	5021402.20	87.00	0	8000	55.4	55.4	0.0	0.0	69.3	96.0	-1.4	0.0	0.0	25.4	0.0	-0.0	-133.9	-133.9

Point Source, ISO 9613, Name: "MRF - Dust Collector", ID: "A_026"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466346.41	5021494.00	94.00	0	32	66.6	66.6	0.0	0.0	71.6	0.0	-4.2	0.0	0.0	0.0	0.0	-0.0	-0.8	-0.8
2	466346.41	5021494.00	94.00	0	63	77.8	77.8	0.0	0.0	71.6	0.1	-4.2	0.0	0.0	0.0	0.0	-0.0	10.3	10.3
3	466346.41	5021494.00	94.00	0	125	85.9	85.9	0.0	0.0	71.6	0.4	1.7	0.0	0.0	0.0	0.0	-0.0	12.3	12.3
4	466346.41	5021494.00	94.00	0	250	90.4	90.4	0.0	0.0	71.6	1.1	-0.3	0.0	0.0	0.0	0.0	-0.0	18.0	18.0
5	466346.41	5021494.00	94.00	0	500	97.8	97.8	0.0	0.0	71.6	2.1	-1.4	0.0	0.0	0.0	0.0	-0.0	25.6	25.6
6	466346.41	5021494.00	94.00	0	1000	96.0	96.0	0.0	0.0	71.6	3.9	-1.4	0.0	0.0	0.0	0.0	-0.0	21.9	21.9
7	466346.41	5021494.00	94.00	0	2000	93.2	93.2	0.0	0.0	71.6	10.3	-1.4	0.0	0.0	0.0	0.0	-0.0	12.7	12.7
8	466346.41	5021494.00	94.00	0	4000	90.0	90.0	0.0	0.0	71.6	35.0	-1.4	0.0	0.0	0.0	0.0	-0.0	-15.2	-15.2
9	466346.41	5021494.00	94.00	0	8000	80.9	80.9	0.0	0.0	71.6	124.8	-1.4	0.0	0.0	0.0	0.0	-0.0	-114.1	-114.1

Point Source, ISO 9613, Name: "C&D - Dust Collector", ID: "A_027"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466138.03	5021395.13	92.70	0	32	66.6	66.6	0.0	0.0	69.6	0.0	-3.9	0.0	0.0	0.0	0.0	-0.0	0.9	0.9
2	466138.03	5021395.13	92.70	0	63	77.8	77.8	0.0	0.0	69.6	0.1	-3.9	0.0	0.0	0.0	0.0	-0.0	12.0	12.0
3	466138.03	5021395.13	92.70	0	125	85.9	85.9	0.0	0.0	69.6	0.4	1.8	0.0	0.0	0.0	0.0	-0.0	14.2	14.2
4	466138.03	5021395.13	92.70	0	250	90.4	90.4	0.0	0.0	69.6	0.9	-0.0	0.0	0.0	0.0	0.0	-0.0	20.0	20.0
5	466138.03	5021395.13	92.70	0	500	97.8	97.8	0.0	0.0	69.6	1.6	-1.2	0.0	0.0	0.0	0.0	-0.0	27.7	27.7
6	466138.03	5021395.13	92.70	0	1000	96.0	96.0	0.0	0.0	69.6	3.1	-1.2	0.0	0.0	0.0	0.0	-0.0	24.5	24.5
7	466138.03	5021395.13	92.70	0	2000	93.2	93.2	0.0	0.0	69.6	8.2	-1.2	0.0	0.0	0.0	0.0	-0.0	16.6	16.6
8	466138.03	5021395.13	92.70	0	4000	90.0	90.0	0.0	0.0	69.6	27.9	-1.2	0.0	0.0	0.0	0.0	-0.0	-6.3	-6.3
9	466138.03	5021395.13	92.70	0	8000	80.9	80.9	0.0	0.0	69.6	99.3	-1.2	0.0	0.0	0.0	0.0	-0.0	-86.8	-86.8

Point Source, ISO 9613, Name: "Mech - Welding Fume Hood", ID: "A_028"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466521.50	5021489.37	81.00	0	32	-1.4	-1.4	0.0	0.0	72.6	0.0	-5.4	0.0	0.0	0.0	0.0	-0.0	-68.7	-68.7
2	466521.50	5021489.37	81.00	0	63	24.8	24.8	0.0	0.0	72.6	0.2	-5.4	0.0	0.0	0.0	0.0	-0.0	-42.6	-42.6
3	466521.50	5021489.37	81.00	0	125	47.9	47.9	0.0	0.0	72.6	0.5	3.0	0.0	0.0	0.0	0.0	-0.0	-28.2	-28.2
4	466521.50	5021489.37	81.00	0	250	63.4	63.4	0.0	0.0	72.6	1.3	0.1	0.0	0.0	0.0	0.0	-0.0	-10.6	-10.6
5	466521.50	5021489.37	81.00	0	500	79.8	79.8	0.0	0.0	72.6	2.3	-2.0	0.0	0.0	0.0	0.0	-0.0	6.9	6.9
6	466521.50	5021489.37	81.00	0	1000	88.0	88.0	0.0	0.0	72.6	4.4	-2.0	0.0	0.0	0.0	0.0	-0.0	13.0	13.0
7	466521.50	5021489.37	81.00	0	2000	87.2	87.2	0.0	0.0	72.6	11.6	-2.0	0.0	0.0	0.0	0.0	-0.0	5.0	5.0
8	466521.50	5021489.37	81.00	0	4000	77.0	77.0	0.0	0.0	72.6	39.3	-2.0	0.0	0.0	0.0	0.0	-0.0	-32.9	-32.9
9	466521.50	5021489.37	81.00	0	8000	67.9	67.9	0.0	0.0	72.6	140.2	-2.0	0.0	0.0	0.0	0.0	-0.0	-142.9	-142.9

Point Source, ISO 9613, Name: "SS Loader CAT966", ID: "A_029"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466260.94	5021063.16	84.50	0	32	76.6	76.6	0.0	0.0	68.6	0.0	-5.2	0.0	0.0	0.0	0.0	-0.0	13.1	13.1
2	466260.94	5021063.16	84.50	0	63	98.8	98.8	0.0	0.0	68.6	0.1	-5.2	0.0	0.0	0.0	0.0	-0.0	35.3	35.3
3	466260.94	5021063.16	84.50	0	125	100.9	100.9	0.0	0.0	68.6	0.3	3.4	0.0	0.0	0.0	0.0	-0.0	28.6	28.6
4	466260.94	5021063.16	84.50	0	250	97.4	97.4	0.0	0.0	68.6	0.8	2.1	0.0	0.0	0.0	0.0	-0.0	25.9	25.9
5	466260.94	5021063.16	84.50	0	500	100.8	100.8	0.0	0.0	68.6	1.5	-1.1	0.0	0.0	0.0	0.0	-0.0	31.8	31.8
6	466260.94	5021063.16	84.50	0	1000	103.0	103.0	0.0	0.0	68.6	2.8	-1.5	0.0	0.0	0.0	0.0	-0.0	33.1	33.1
7	466260.94	5021063.16	84.50	0	2000	103.2	103.2	0.0	0.0	68.6	7.3	-1.5	0.0	0.0	0.0	0.0	-0.0	28.8	28.8
8	466260.94	5021063.16	84.50	0	4000	98.0	98.0	0.0	0.0	68.6	24.9	-1.5	0.0	0.0	0.0	0.0	-0.0	6.0	6.0
9	466260.94	5021063.16	84.50	0	8000	85.9	85.9	0.0	0.0	68.6	88.8	-1.5	0.0	0.0	0.0	0.0	-0.0	-70.0	-70.0

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "HC Loader CAT966", ID: "A_030"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466285.27	5020999.62	82.00	0	32	76.6	76.6	0.0	0.0	68.6	0.0	-5.2	0.0	0.0	0.0	0.0	-0.0	13.1	13.1
2	466285.27	5020999.62	82.00	0	63	98.8	98.8	0.0	0.0	68.6	0.1	-5.2	0.0	0.0	0.0	0.0	-0.0	35.3	35.3
3	466285.27	5020999.62	82.00	0	125	100.9	100.9	0.0	0.0	68.6	0.3	3.4	0.0	0.0	0.0	0.0	-0.0	28.5	28.5
4	466285.27	5020999.62	82.00	0	250	97.4	97.4	0.0	0.0	68.6	0.8	2.1	0.0	0.0	0.0	0.0	-0.0	25.9	25.9
5	466285.27	5020999.62	82.00	0	500	100.8	100.8	0.0	0.0	68.6	1.5	-1.1	0.0	0.0	0.0	0.0	-0.0	31.8	31.8
6	466285.27	5020999.62	82.00	0	1000	103.0	103.0	0.0	0.0	68.6	2.8	-1.5	0.0	0.0	0.0	0.0	-0.0	33.1	33.1
7	466285.27	5020999.62	82.00	0	2000	103.2	103.2	0.0	0.0	68.6	7.4	-1.5	0.0	0.0	0.0	0.0	-0.0	28.7	28.7
8	466285.27	5020999.62	82.00	0	4000	98.0	98.0	0.0	0.0	68.6	24.9	-1.5	0.0	0.0	0.0	0.0	-0.0	5.9	5.9
9	466285.27	5020999.62	82.00	0	8000	85.9	85.9	0.0	0.0	68.6	89.0	-1.5	0.0	0.0	0.0	0.0	-0.0	-70.2	-70.2

Point Source, ISO 9613, Name: "SS Grader CAT12", ID: "A_031"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466255.73	5021075.03	84.50	0	32	78.6	78.6	0.0	0.0	68.6	0.0	-5.2	0.0	0.0	0.0	0.0	-0.0	15.1	15.1
2	466255.73	5021075.03	84.50	0	63	95.8	95.8	0.0	0.0	68.6	0.1	-5.2	0.0	0.0	0.0	0.0	-0.0	32.3	32.3
3	466255.73	5021075.03	84.50	0	125	96.9	96.9	0.0	0.0	68.6	0.3	3.4	0.0	0.0	0.0	0.0	-0.0	24.6	24.6
4	466255.73	5021075.03	84.50	0	250	104.4	104.4	0.0	0.0	68.6	0.8	2.1	0.0	0.0	0.0	0.0	-0.0	32.9	32.9
5	466255.73	5021075.03	84.50	0	500	109.8	109.8	0.0	0.0	68.6	1.5	-1.1	0.0	0.0	0.0	0.0	-0.0	40.8	40.8
6	466255.73	5021075.03	84.50	0	1000	110.0	110.0	0.0	0.0	68.6	2.8	-1.5	0.0	0.0	0.0	0.0	-0.0	40.1	40.1
7	466255.73	5021075.03	84.50	0	2000	110.2	110.2	0.0	0.0	68.6	7.3	-1.5	0.0	0.0	0.0	0.0	-0.0	35.8	35.8
8	466255.73	5021075.03	84.50	0	4000	109.0	109.0	0.0	0.0	68.6	24.9	-1.5	0.0	0.0	0.0	0.0	-0.0	17.0	17.0
9	466255.73	5021075.03	84.50	0	8000	99.9	99.9	0.0	0.0	68.6	88.8	-1.5	0.0	0.0	0.0	0.0	-0.0	-56.0	-56.0

Point Source, ISO 9613, Name: "SS Dozer CATD6", ID: "A_032"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466252.11	5021086.67	84.50	0	32	65.6	65.6	0.0	0.0	68.6	0.0	-5.2	0.0	0.0	0.0	0.0	-0.0	2.1	2.1
2	466252.11	5021086.67	84.50	0	63	82.8	82.8	0.0	0.0	68.6	0.1	-5.2	0.0	0.0	0.0	0.0	-0.0	19.3	19.3
3	466252.11	5021086.67	84.50	0	125	97.9	97.9	0.0	0.0	68.6	0.3	3.4	0.0	0.0	0.0	0.0	-0.0	25.5	25.5
4	466252.11	5021086.67	84.50	0	250	103.4	103.4	0.0	0.0	68.6	0.8	2.1	0.0	0.0	0.0	0.0	-0.0	31.9	31.9
5	466252.11	5021086.67	84.50	0	500	102.8	102.8	0.0	0.0	68.6	1.5	-1.1	0.0	0.0	0.0	0.0	-0.0	33.8	33.8
6	466252.11	5021086.67	84.50	0	1000	103.0	103.0	0.0	0.0	68.6	2.8	-1.5	0.0	0.0	0.0	0.0	-0.0	33.1	33.1
7	466252.11	5021086.67	84.50	0	2000	104.2	104.2	0.0	0.0	68.6	7.3	-1.5	0.0	0.0	0.0	0.0	-0.0	29.7	29.7
8	466252.11	5021086.67	84.50	0	4000	97.0	97.0	0.0	0.0	68.6	24.9	-1.5	0.0	0.0	0.0	0.0	-0.0	4.9	4.9
9	466252.11	5021086.67	84.50	0	8000	86.9	86.9	0.0	0.0	68.6	89.0	-1.5	0.0	0.0	0.0	0.0	-0.0	-69.2	-69.2

Point Source, ISO 9613, Name: "Compost Loader 2", ID: "A_033"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466364.48	5021125.52	83.50	0	32	76.6	76.6	0.0	0.0	69.9	0.0	-5.3	0.0	0.0	0.0	0.0	-0.0	12.0	12.0
2	466364.48	5021125.52	83.50	0	63	98.8	98.8	0.0	0.0	69.9	0.1	-5.3	0.0	0.0	0.0	0.0	-0.0	34.1	34.1
3	466364.48	5021125.52	83.50	0	125	100.9	100.9	0.0	0.0	69.9	0.4	3.5	0.0	0.0	0.0	0.0	-0.0	27.2	27.2
4	466364.48	5021125.52	83.50	0	250	97.4	97.4	0.0	0.0	69.9	0.9	1.9	0.0	0.0	0.0	0.0	-0.0	24.7	24.7
5	466364.48	5021125.52	83.50	0	500	100.8	100.8	0.0	0.0	69.9	1.7	-1.3	0.0	0.0	0.0	0.0	-0.0	30.5	30.5
6	466364.48	5021125.52	83.50	0	1000	103.0	103.0	0.0	0.0	69.9	3.2	-1.6	0.0	0.0	0.0	0.0	-0.0	31.5	31.5
7	466364.48	5021125.52	83.50	0	2000	103.2	103.2	0.0	0.0	69.9	8.5	-1.7	0.0	0.0	0.0	0.0	-0.0	26.5	26.5
8	466364.48	5021125.52	83.50	0	4000	98.0	98.0	0.0	0.0	69.9	28.8	-1.7	0.0	0.0	0.0	0.0	-0.0	0.9	0.9
9	466364.48	5021125.52	83.50	0	8000	85.9	85.9	0.0	0.0	69.9	102.8	-1.7	0.0	0.0	0.0	0.0	-0.0	-85.1	-85.1

Point Source, ISO 9613, Name: "Compost Loader 1", ID: "A_034"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466407.23	5021187.51	83.50	0	32	76.6	76.6	0.0	0.0	70.5	0.0	-5.3	0.0	0.0	0.0	0.0	-0.0	11.4	11.4
2	466407.23	5021187.51	83.50	0	63	98.8	98.8	0.0	0.0	70.5	0.1	-5.3	0.0	0.0	0.0	0.0	-0.0	33.5	33.5
3	466407.23	5021187.51	83.50	0	125	100.9	100.9	0.0	0.0	70.5	0.4	3.5	0.0	0.0	0.0	0.0	-0.0	26.5	26.5
4	466407.23	5021187.51	83.50	0	250	97.4	97.4	0.0	0.0	70.5	1.0	1.9	0.0	0.0	0.0	0.0	-0.0	24.1	24.1
5	466407.23	5021187.51	83.50	0	500	100.8	100.8	0.0	0.0	70.5	1.8	-1.3	0.0	0.0	0.0	0.0	-0.0	29.8	29.8
6	466407.23	5021187.51	83.50	0	1000	103.0	103.0	0.0	0.0	70.5	3.4	-1.7	0.0	0.0	0.0	0.0	-0.0	30.7	30.7
7	466407.23	5021187.51	83.50	0	2000	103.2	103.2	0.0	0.0	70.5	9.1	-1.7	0.0	0.0	0.0	0.0	-0.0	25.3	25.3
8	466407.23	5021187.51	83.50	0	4000	98.0	98.0	0.0	0.0	70.5	30.9	-1.7	0.0	0.0	0.0	0.0	-0.0	-1.7	-1.7
9	466407.23	5021187.51	83.50	0	8000	85.9	85.9	0.0	0.0	70.5	110.4	-1.7	0.0	0.0	0.0	0.0	-0.0	-93.3	-93.3

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "Compost Chipper", ID: "A_035"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466346.34	5021172.63	83.50	0	32	57.6	57.6	0.0	0.0	69.9	0.0	-5.3	0.0	0.0	0.0	0.0	-0.0	-7.1	-7.1
2	466346.34	5021172.63	83.50	0	63	82.8	82.8	0.0	0.0	69.9	0.1	-5.3	0.0	0.0	0.0	0.0	-0.0	18.1	18.1
3	466346.34	5021172.63	83.50	0	125	89.9	89.9	0.0	0.0	69.9	0.4	3.5	0.0	0.0	0.0	0.0	-0.0	16.1	16.1
4	466346.34	5021172.63	83.50	0	250	99.4	99.4	0.0	0.0	69.9	0.9	1.9	0.0	0.0	0.0	0.0	-0.0	26.6	26.6
5	466346.34	5021172.63	83.50	0	500	108.8	108.8	0.0	0.0	69.9	1.7	-1.3	0.0	0.0	0.0	0.0	-0.0	38.4	38.4
6	466346.34	5021172.63	83.50	0	1000	114.0	114.0	0.0	0.0	69.9	3.2	-1.6	0.0	0.0	0.0	0.0	-0.0	42.5	42.5
7	466346.34	5021172.63	83.50	0	2000	113.2	113.2	0.0	0.0	69.9	8.5	-1.7	0.0	0.0	0.0	0.0	-0.0	36.4	36.4
8	466346.34	5021172.63	83.50	0	4000	107.0	107.0	0.0	0.0	69.9	28.9	-1.7	0.0	0.0	0.0	0.0	-0.0	9.8	9.8
9	466346.34	5021172.63	83.50	0	8000	95.9	95.9	0.0	0.0	69.9	103.2	-1.7	0.0	0.0	0.0	0.0	-0.0	-75.6	-75.6

Point Source, ISO 9613, Name: "Compost Conveyor", ID: "A_036"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466354.98	5021162.93	83.50	0	32	49.6	49.6	0.0	0.0	70.0	0.0	-5.3	0.0	0.0	0.0	0.0	-0.0	-15.1	-15.1
2	466354.98	5021162.93	83.50	0	63	65.8	65.8	0.0	0.0	70.0	0.1	-5.3	0.0	0.0	0.0	0.0	-0.0	1.0	1.0
3	466354.98	5021162.93	83.50	0	125	79.9	79.9	0.0	0.0	70.0	0.4	3.5	0.0	0.0	0.0	0.0	-0.0	6.1	6.1
4	466354.98	5021162.93	83.50	0	250	86.4	86.4	0.0	0.0	70.0	0.9	1.9	0.0	0.0	0.0	0.0	-0.0	13.6	13.6
5	466354.98	5021162.93	83.50	0	500	88.8	88.8	0.0	0.0	70.0	1.7	-1.3	0.0	0.0	0.0	0.0	-0.0	18.4	18.4
6	466354.98	5021162.93	83.50	0	1000	88.0	88.0	0.0	0.0	70.0	3.2	-1.6	0.0	0.0	0.0	0.0	-0.0	16.4	16.4
7	466354.98	5021162.93	83.50	0	2000	86.2	86.2	0.0	0.0	70.0	8.6	-1.7	0.0	0.0	0.0	0.0	-0.0	9.3	9.3
8	466354.98	5021162.93	83.50	0	4000	79.0	79.0	0.0	0.0	70.0	29.1	-1.7	0.0	0.0	0.0	0.0	-0.0	-18.4	-18.4
9	466354.98	5021162.93	83.50	0	8000	69.9	69.9	0.0	0.0	70.0	103.6	-1.7	0.0	0.0	0.0	0.0	-0.0	-102.0	-102.0

Point Source, ISO 9613, Name: "Compost Turner", ID: "A_037"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466352.92	5021133.57	83.50	0	32	66.6	66.6	0.0	0.0	69.8	0.0	-5.3	0.0	0.0	0.0	0.0	-0.0	2.0	2.0
2	466352.92	5021133.57	83.50	0	63	89.8	89.8	0.0	0.0	69.8	0.1	-5.3	0.0	0.0	0.0	0.0	-0.0	25.2	25.2
3	466352.92	5021133.57	83.50	0	125	97.9	97.9	0.0	0.0	69.8	0.4	3.5	0.0	0.0	0.0	0.0	-0.0	24.3	24.3
4	466352.92	5021133.57	83.50	0	250	99.4	99.4	0.0	0.0	69.8	0.9	1.9	0.0	0.0	0.0	0.0	-0.0	26.8	26.8
5	466352.92	5021133.57	83.50	0	500	105.8	105.8	0.0	0.0	69.8	1.7	-1.2	0.0	0.0	0.0	0.0	-0.0	35.5	35.5
6	466352.92	5021133.57	83.50	0	1000	104.0	104.0	0.0	0.0	69.8	3.2	-1.6	0.0	0.0	0.0	0.0	-0.0	32.6	32.6
7	466352.92	5021133.57	83.50	0	2000	104.2	104.2	0.0	0.0	69.8	8.4	-1.6	0.0	0.0	0.0	0.0	-0.0	27.6	27.6
8	466352.92	5021133.57	83.50	0	4000	99.0	99.0	0.0	0.0	69.8	28.6	-1.6	0.0	0.0	0.0	0.0	-0.0	2.2	2.2
9	466352.92	5021133.57	83.50	0	8000	91.9	91.9	0.0	0.0	69.8	101.9	-1.6	0.0	0.0	0.0	0.0	-0.0	-78.2	-78.2

Point Source, ISO 9613, Name: "Compost Screen", ID: "A_038"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466355.50	5021145.86	83.50	0	32	65.6	65.6	0.0	0.0	69.9	0.0	-5.3	0.0	0.0	0.0	0.0	-0.0	1.0	1.0
2	466355.50	5021145.86	83.50	0	63	74.8	74.8	0.0	0.0	69.9	0.1	-5.3	0.0	0.0	0.0	0.0	-0.0	10.1	10.1
3	466355.50	5021145.86	83.50	0	125	81.9	81.9	0.0	0.0	69.9	0.4	3.5	0.0	0.0	0.0	0.0	-0.0	8.2	8.2
4	466355.50	5021145.86	83.50	0	250	88.4	88.4	0.0	0.0	69.9	0.9	1.9	0.0	0.0	0.0	0.0	-0.0	15.7	15.7
5	466355.50	5021145.86	83.50	0	500	92.8	92.8	0.0	0.0	69.9	1.7	-1.3	0.0	0.0	0.0	0.0	-0.0	22.5	22.5
6	466355.50	5021145.86	83.50	0	1000	98.0	98.0	0.0	0.0	69.9	3.2	-1.6	0.0	0.0	0.0	0.0	-0.0	26.5	26.5
7	466355.50	5021145.86	83.50	0	2000	100.2	100.2	0.0	0.0	69.9	8.5	-1.7	0.0	0.0	0.0	0.0	-0.0	23.5	23.5
8	466355.50	5021145.86	83.50	0	4000	98.0	98.0	0.0	0.0	69.9	28.8	-1.7	0.0	0.0	0.0	0.0	-0.0	0.9	0.9
9	466355.50	5021145.86	83.50	0	8000	91.9	91.9	0.0	0.0	69.9	102.8	-1.7	0.0	0.0	0.0	0.0	-0.0	-79.2	-79.2

Point Source, ISO 9613, Name: "Compost Air Classifier", ID: "A_039"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466342.21	5021155.99	83.50	0	32	66.6	66.6	0.0	0.0	69.8	0.0	-5.3	0.0	0.0	0.0	0.0	-0.0	2.0	2.0
2	466342.21	5021155.99	83.50	0	63	89.8	89.8	0.0	0.0	69.8	0.1	-5.3	0.0	0.0	0.0	0.0	-0.0	25.2	25.2
3	466342.21	5021155.99	83.50	0	125	97.9	97.9	0.0	0.0	69.8	0.4	3.5	0.0	0.0	0.0	0.0	-0.0	24.3	24.3
4	466342.21	5021155.99	83.50	0	250	99.4	99.4	0.0	0.0	69.8	0.9	1.9	0.0	0.0	0.0	0.0	-0.0	26.8	26.8
5	466342.21	5021155.99	83.50	0	500	105.8	105.8	0.0	0.0	69.8	1.7	-1.2	0.0	0.0	0.0	0.0	-0.0	35.5	35.5
6	466342.21	5021155.99	83.50	0	1000	104.0	104.0	0.0	0.0	69.8	3.2	-1.6	0.0	0.0	0.0	0.0	-0.0	32.6	32.6
7	466342.21	5021155.99	83.50	0	2000	104.2	104.2	0.0	0.0	69.8	8.4	-1.6	0.0	0.0	0.0	0.0	-0.0	27.6	27.6
8	466342.21	5021155.99	83.50	0	4000	99.0	99.0	0.0	0.0	69.8	28.6	-1.6	0.0	0.0	0.0	0.0	-0.0	2.3	2.3
9	466342.21	5021155.99	83.50	0	8000	91.9	91.9	0.0	0.0	69.8	101.9	-1.6	0.0	0.0	0.0	0.0	-0.0	-78.2	-78.2

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "C&D Truck Idle", ID: "A_040"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466107.70	5021414.66	79.50	0	32	59.1	59.1	0.0	0.0	69.5	0.0	-5.3	0.0	0.0	9.6	0.0	-0.0	-14.8	-14.8
2	466107.70	5021414.66	79.50	0	63	75.3	75.3	0.0	0.0	69.5	0.1	-5.3	0.0	0.0	12.3	0.0	-0.0	-1.3	-1.3
3	466107.70	5021414.66	79.50	0	125	77.4	77.4	0.0	0.0	69.5	0.4	3.3	0.0	0.0	12.5	0.0	-0.0	-8.2	-8.2
4	466107.70	5021414.66	79.50	0	250	83.9	83.9	0.0	0.0	69.5	0.9	1.7	0.0	0.0	16.3	0.0	-0.0	-4.5	-4.5
5	466107.70	5021414.66	79.50	0	500	84.3	84.3	0.0	0.0	69.5	1.6	-1.4	0.0	0.0	20.3	0.0	-0.0	-5.6	-5.6
6	466107.70	5021414.66	79.50	0	1000	90.5	90.5	0.0	0.0	69.5	3.1	-1.8	0.0	0.0	22.5	0.0	-0.0	-2.7	-2.7
7	466107.70	5021414.66	79.50	0	2000	96.7	96.7	0.0	0.0	69.5	8.2	-1.8	0.0	0.0	24.1	0.0	-0.0	-3.2	-3.2
8	466107.70	5021414.66	79.50	0	4000	85.5	85.5	0.0	0.0	69.5	27.7	-1.8	0.0	0.0	25.3	0.0	-0.0	-35.1	-35.1
9	466107.70	5021414.66	79.50	0	8000	73.4	73.4	0.0	0.0	69.5	98.6	-1.8	0.0	0.0	26.0	0.0	-0.0	-118.9	-118.9

Point Source, ISO 9613, Name: "MRF Truck Idle", ID: "A_041"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466313.08	5021495.41	79.50	0	32	59.1	59.1	0.0	0.0	71.4	0.0	-5.4	0.0	0.0	18.0	0.0	-0.0	-24.9	-24.9
2	466313.08	5021495.41	79.50	0	63	75.3	75.3	0.0	0.0	71.4	0.1	-5.4	0.0	0.0	21.0	0.0	-0.0	-11.8	-11.8
3	466313.08	5021495.41	79.50	0	125	77.4	77.4	0.0	0.0	71.4	0.4	3.3	0.0	0.0	15.2	0.0	-0.0	-12.9	-12.9
4	466313.08	5021495.41	79.50	0	250	83.9	83.9	0.0	0.0	71.4	1.1	1.6	0.0	0.0	19.9	0.0	-0.0	-10.0	-10.0
5	466313.08	5021495.41	79.50	0	500	84.3	84.3	0.0	0.0	71.4	2.0	-1.6	0.0	0.0	26.0	0.0	-0.0	-13.5	-13.5
6	466313.08	5021495.41	79.50	0	1000	90.5	90.5	0.0	0.0	71.4	3.8	-2.0	0.0	0.0	27.0	0.0	-0.0	-9.7	-9.7
7	466313.08	5021495.41	79.50	0	2000	96.7	96.7	0.0	0.0	71.4	10.1	-2.0	0.0	0.0	27.0	0.0	-0.0	-9.7	-9.7
8	466313.08	5021495.41	79.50	0	4000	85.5	85.5	0.0	0.0	71.4	34.2	-2.0	0.0	0.0	27.0	0.0	-0.0	-45.0	-45.0
9	466313.08	5021495.41	79.50	0	8000	73.4	73.4	0.0	0.0	71.4	122.0	-2.0	0.0	0.0	27.0	0.0	-0.0	-145.0	-145.0

Point Source, ISO 9613, Name: "MRF - Exhaust - 1", ID: "A_042"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466277.86	5021444.80	94.00	0	32	49.6	49.6	0.0	0.0	70.9	0.0	-4.0	0.0	0.0	0.0	0.0	-0.0	-17.3	-17.3
2	466277.86	5021444.80	94.00	0	63	64.8	64.8	0.0	0.0	70.9	0.1	-4.0	0.0	0.0	0.0	0.0	-0.0	-2.1	-2.1
3	466277.86	5021444.80	94.00	0	125	75.9	75.9	0.0	0.0	70.9	0.4	1.7	0.0	0.0	0.0	0.0	-0.0	2.9	2.9
4	466277.86	5021444.80	94.00	0	250	81.4	81.4	0.0	0.0	70.9	1.0	-0.2	0.0	0.0	0.0	0.0	-0.0	9.7	9.7
5	466277.86	5021444.80	94.00	0	500	81.8	81.8	0.0	0.0	70.9	1.9	-1.3	0.0	0.0	0.0	0.0	-0.0	10.3	10.3
6	466277.86	5021444.80	94.00	0	1000	80.0	80.0	0.0	0.0	70.9	3.6	-1.3	0.0	0.0	0.0	0.0	-0.0	6.8	6.8
7	466277.86	5021444.80	94.00	0	2000	75.2	75.2	0.0	0.0	70.9	9.5	-1.3	0.0	0.0	0.0	0.0	-0.0	-3.9	-3.9
8	466277.86	5021444.80	94.00	0	4000	74.0	74.0	0.0	0.0	70.9	32.2	-1.3	0.0	0.0	0.0	0.0	-0.0	-27.8	-27.8
9	466277.86	5021444.80	94.00	0	8000	64.9	64.9	0.0	0.0	70.9	115.0	-1.3	0.0	0.0	0.0	0.0	-0.0	-119.7	-119.7

Point Source, ISO 9613, Name: "MRF - Exhaust - 2", ID: "A_043"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466313.49	5021458.58	94.00	0	32	49.6	49.6	0.0	0.0	71.2	0.0	-4.1	0.0	0.0	0.0	0.0	-0.0	-17.5	-17.5
2	466313.49	5021458.58	94.00	0	63	64.8	64.8	0.0	0.0	71.2	0.1	-4.1	0.0	0.0	0.0	0.0	-0.0	-2.4	-2.4
3	466313.49	5021458.58	94.00	0	125	75.9	75.9	0.0	0.0	71.2	0.4	1.7	0.0	0.0	0.0	0.0	-0.0	2.6	2.6
4	466313.49	5021458.58	94.00	0	250	81.4	81.4	0.0	0.0	71.2	1.1	-0.2	0.0	0.0	0.0	0.0	-0.0	9.4	9.4
5	466313.49	5021458.58	94.00	0	500	81.8	81.8	0.0	0.0	71.2	2.0	-1.3	0.0	0.0	0.0	0.0	-0.0	10.0	10.0
6	466313.49	5021458.58	94.00	0	1000	80.0	80.0	0.0	0.0	71.2	3.7	-1.3	0.0	0.0	0.0	0.0	-0.0	6.4	6.4
7	466313.49	5021458.58	94.00	0	2000	75.2	75.2	0.0	0.0	71.2	9.9	-1.3	0.0	0.0	0.0	0.0	-0.0	-4.5	-4.5
8	466313.49	5021458.58	94.00	0	4000	74.0	74.0	0.0	0.0	71.2	33.4	-1.3	0.0	0.0	0.0	0.0	-0.0	-29.2	-29.2
9	466313.49	5021458.58	94.00	0	8000	64.9	64.9	0.0	0.0	71.2	119.1	-1.3	0.0	0.0	0.0	0.0	-0.0	-124.1	-124.1

Point Source, ISO 9613, Name: "MRF - Exhaust - 3", ID: "A_044"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466353.82	5021474.71	94.00	0	32	49.6	49.6	0.0	0.0	71.5	0.0	-4.2	0.0	0.0	0.0	0.0	-0.0	-17.8	-17.8
2	466353.82	5021474.71	94.00	0	63	64.8	64.8	0.0	0.0	71.5	0.1	-4.2	0.0	0.0	0.0	0.0	-0.0	-2.7	-2.7
3	466353.82	5021474.71	94.00	0	125	75.9	75.9	0.0	0.0	71.5	0.4	1.7	0.0	0.0	0.0	0.0	-0.0	2.3	2.3
4	466353.82	5021474.71	94.00	0	250	81.4	81.4	0.0	0.0	71.5	1.1	-0.3	0.0	0.0	0.0	0.0	-0.0	9.1	9.1
5	466353.82	5021474.71	94.00	0	500	81.8	81.8	0.0	0.0	71.5	2.0	-1.4	0.0	0.0	0.0	0.0	-0.0	9.6	9.6
6	466353.82	5021474.71	94.00	0	1000	80.0	80.0	0.0	0.0	71.5	3.9	-1.4	0.0	0.0	0.0	0.0	-0.0	6.0	6.0
7	466353.82	5021474.71	94.00	0	2000	75.2	75.2	0.0	0.0	71.5	10.3	-1.4	0.0	0.0	0.0	0.0	-0.0	-5.2	-5.2
8	466353.82	5021474.71	94.00	0	4000	74.0	74.0	0.0	0.0	71.5	34.7	-1.4	0.0	0.0	0.0	0.0	-0.0	-30.9	-30.9
9	466353.82	5021474.71	94.00	0	8000	64.9	64.9	0.0	0.0	71.5	123.9	-1.4	0.0	0.0	0.0	0.0	-0.0	-129.1	-129.1

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "MRF - Exhaust - 4", ID: "A_045"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466396.50	5021491.85	94.00	0	32	49.6	49.6	0.0	0.0	71.9	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-18.0	-18.0
2	466396.50	5021491.85	94.00	0	63	64.8	64.8	0.0	0.0	71.9	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	-2.9	-2.9
3	466396.50	5021491.85	94.00	0	125	75.9	75.9	0.0	0.0	71.9	0.5	1.6	0.0	0.0	0.0	0.0	-0.0	2.0	2.0
4	466396.50	5021491.85	94.00	0	250	81.4	81.4	0.0	0.0	71.9	1.2	-0.3	0.0	0.0	0.0	0.0	-0.0	8.7	8.7
5	466396.50	5021491.85	94.00	0	500	81.8	81.8	0.0	0.0	71.9	2.1	-1.4	0.0	0.0	0.0	0.0	-0.0	9.3	9.3
6	466396.50	5021491.85	94.00	0	1000	80.0	80.0	0.0	0.0	71.9	4.0	-1.4	0.0	0.0	0.0	0.0	-0.0	5.5	5.5
7	466396.50	5021491.85	94.00	0	2000	75.2	75.2	0.0	0.0	71.9	10.7	-1.4	0.0	0.0	0.0	0.0	-0.0	-5.9	-5.9
8	466396.50	5021491.85	94.00	0	4000	74.0	74.0	0.0	0.0	71.9	36.2	-1.4	0.0	0.0	0.0	0.0	-0.0	-32.6	-32.6
9	466396.50	5021491.85	94.00	0	8000	64.9	64.9	0.0	0.0	71.9	129.0	-1.4	0.0	0.0	0.0	0.0	-0.0	-134.5	-134.5

Point Source, ISO 9613, Name: "MRF - Exhaust - 5", ID: "A_046"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466434.82	5021507.65	94.00	0	32	49.6	49.6	0.0	0.0	72.2	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-18.3	-18.3
2	466434.82	5021507.65	94.00	0	63	64.8	64.8	0.0	0.0	72.2	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	-3.2	-3.2
3	466434.82	5021507.65	94.00	0	125	75.9	75.9	0.0	0.0	72.2	0.5	1.6	0.0	0.0	0.0	0.0	-0.0	1.7	1.7
4	466434.82	5021507.65	94.00	0	250	81.4	81.4	0.0	0.0	72.2	1.2	-0.4	0.0	0.0	0.0	0.0	-0.0	8.4	8.4
5	466434.82	5021507.65	94.00	0	500	81.8	81.8	0.0	0.0	72.2	2.2	-1.5	0.0	0.0	0.0	0.0	-0.0	8.9	8.9
6	466434.82	5021507.65	94.00	0	1000	80.0	80.0	0.0	0.0	72.2	4.2	-1.5	0.0	0.0	0.0	0.0	-0.0	5.1	5.1
7	466434.82	5021507.65	94.00	0	2000	75.2	75.2	0.0	0.0	72.2	11.1	-1.5	0.0	0.0	0.0	0.0	-0.0	-6.5	-6.5
8	466434.82	5021507.65	94.00	0	4000	74.0	74.0	0.0	0.0	72.2	37.5	-1.5	0.0	0.0	0.0	0.0	-0.0	-34.1	-34.1
9	466434.82	5021507.65	94.00	0	8000	64.9	64.9	0.0	0.0	72.2	133.6	-1.5	0.0	0.0	0.0	0.0	-0.0	-139.4	-139.4

Point Source, ISO 9613, Name: "C&D - Exhaust - 1", ID: "A_047"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466090.69	5021366.46	92.70	0	32	49.6	49.6	0.0	0.0	69.0	0.0	-3.7	0.0	0.0	0.0	0.0	-0.0	-15.7	-15.7
2	466090.69	5021366.46	92.70	0	63	64.8	64.8	0.0	0.0	69.0	0.1	-3.7	0.0	0.0	0.0	0.0	-0.0	-0.6	-0.6
3	466090.69	5021366.46	92.70	0	125	75.9	75.9	0.0	0.0	69.0	0.3	1.9	0.0	0.0	0.0	0.0	-0.0	4.7	4.7
4	466090.69	5021366.46	92.70	0	250	81.4	81.4	0.0	0.0	69.0	0.8	0.0	0.0	0.0	0.0	0.0	-0.0	11.5	11.5
5	466090.69	5021366.46	92.70	0	500	81.8	81.8	0.0	0.0	69.0	1.5	-1.1	0.0	0.0	0.0	0.0	-0.0	12.3	12.3
6	466090.69	5021366.46	92.70	0	1000	80.0	80.0	0.0	0.0	69.0	2.9	-1.1	0.0	0.0	0.0	0.0	-0.0	9.1	9.1
7	466090.69	5021366.46	92.70	0	2000	75.2	75.2	0.0	0.0	69.0	7.7	-1.1	0.0	0.0	0.0	0.0	-0.0	-0.5	-0.5
8	466090.69	5021366.46	92.70	0	4000	74.0	74.0	0.0	0.0	69.0	26.1	-1.1	0.0	0.0	0.0	0.0	-0.0	-20.1	-20.1
9	466090.69	5021366.46	92.70	0	8000	64.9	64.9	0.0	0.0	69.0	93.1	-1.1	0.0	0.0	0.0	0.0	-0.0	-96.2	-96.2

Point Source, ISO 9613, Name: "C&D - Exhaust - 2", ID: "A_048"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466140.65	5021384.67	92.70	0	32	49.6	49.6	0.0	0.0	69.5	0.0	-3.8	0.0	0.0	0.0	0.0	-0.0	-16.1	-16.1
2	466140.65	5021384.67	92.70	0	63	64.8	64.8	0.0	0.0	69.5	0.1	-3.8	0.0	0.0	0.0	0.0	-0.0	-1.0	-1.0
3	466140.65	5021384.67	92.70	0	125	75.9	75.9	0.0	0.0	69.5	0.4	1.8	0.0	0.0	0.0	0.0	-0.0	4.2	4.2
4	466140.65	5021384.67	92.70	0	250	81.4	81.4	0.0	0.0	69.5	0.9	-0.0	0.0	0.0	0.0	0.0	-0.0	11.0	11.0
5	466140.65	5021384.67	92.70	0	500	81.8	81.8	0.0	0.0	69.5	1.6	-1.2	0.0	0.0	0.0	0.0	-0.0	11.8	11.8
6	466140.65	5021384.67	92.70	0	1000	80.0	80.0	0.0	0.0	69.5	3.1	-1.2	0.0	0.0	0.0	0.0	-0.0	8.5	8.5
7	466140.65	5021384.67	92.70	0	2000	75.2	75.2	0.0	0.0	69.5	8.2	-1.2	0.0	0.0	0.0	0.0	-0.0	-1.3	-1.3
8	466140.65	5021384.67	92.70	0	4000	74.0	74.0	0.0	0.0	69.5	27.7	-1.2	0.0	0.0	0.0	0.0	-0.0	-22.0	-22.0
9	466140.65	5021384.67	92.70	0	8000	64.9	64.9	0.0	0.0	69.5	98.6	-1.2	0.0	0.0	0.0	0.0	-0.0	-102.1	-102.1

Point Source, ISO 9613, Name: "C&D - Exhaust - 3", ID: "A_049"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466192.74	5021404.57	92.70	0	32	49.6	49.6	0.0	0.0	70.0	0.0	-4.0	0.0	0.0	0.0	0.0	-0.0	-16.5	-16.5
2	466192.74	5021404.57	92.70	0	63	64.8	64.8	0.0	0.0	70.0	0.1	-4.0	0.0	0.0	0.0	0.0	-0.0	-1.4	-1.4
3	466192.74	5021404.57	92.70	0	125	75.9	75.9	0.0	0.0	70.0	0.4	1.8	0.0	0.0	0.0	0.0	-0.0	3.7	3.7
4	466192.74	5021404.57	92.70	0	250	81.4	81.4	0.0	0.0	70.0	0.9	-0.1	0.0	0.0	0.0	0.0	-0.0	10.6	10.6
5	466192.74	5021404.57	92.70	0	500	81.8	81.8	0.0	0.0	70.0	1.7	-1.2	0.0	0.0	0.0	0.0	-0.0	11.3	11.3
6	466192.74	5021404.57	92.70	0	1000	80.0	80.0	0.0	0.0	70.0	3.3	-1.2	0.0	0.0	0.0	0.0	-0.0	7.9	7.9
7	466192.74	5021404.57	92.70	0	2000	75.2	75.2	0.0	0.0	70.0	8.7	-1.2	0.0	0.0	0.0	0.0	-0.0	-2.3	-2.3
8	466192.74	5021404.57	92.70	0	4000	74.0	74.0	0.0	0.0	70.0	29.3	-1.2	0.0	0.0	0.0	0.0	-0.0	-24.1	-24.1
9	466192.74	5021404.57	92.70	0	8000	64.9	64.9	0.0	0.0	70.0	104.6	-1.2	0.0	0.0	0.0	0.0	-0.0	-108.5	-108.5

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "C&D - Exhaust - 4", ID: "A_050"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466151.24	5021358.83	92.70	0	32	49.6	49.6	0.0	0.0	69.4	0.0	-3.8	0.0	0.0	0.0	0.0	-0.0	-16.0	-16.0
2	466151.24	5021358.83	92.70	0	63	64.8	64.8	0.0	0.0	69.4	0.1	-3.8	0.0	0.0	0.0	0.0	-0.0	-0.9	-0.9
3	466151.24	5021358.83	92.70	0	125	75.9	75.9	0.0	0.0	69.4	0.3	1.8	0.0	0.0	0.0	0.0	-0.0	4.3	4.3
4	466151.24	5021358.83	92.70	0	250	81.4	81.4	0.0	0.0	69.4	0.9	-0.0	0.0	0.0	0.0	0.0	-0.0	11.2	11.2
5	466151.24	5021358.83	92.70	0	500	81.8	81.8	0.0	0.0	69.4	1.6	-1.1	0.0	0.0	0.0	0.0	-0.0	11.9	11.9
6	466151.24	5021358.83	92.70	0	1000	80.0	80.0	0.0	0.0	69.4	3.0	-1.1	0.0	0.0	0.0	0.0	-0.0	8.7	8.7
7	466151.24	5021358.83	92.70	0	2000	75.2	75.2	0.0	0.0	69.4	8.1	-1.1	0.0	0.0	0.0	0.0	-0.0	-1.1	-1.1
8	466151.24	5021358.83	92.70	0	4000	74.0	74.0	0.0	0.0	69.4	27.3	-1.1	0.0	0.0	0.0	0.0	-0.0	-21.6	-21.6
9	466151.24	5021358.83	92.70	0	8000	64.9	64.9	0.0	0.0	69.4	97.3	-1.1	0.0	0.0	0.0	0.0	-0.0	-100.7	-100.7

Point Source, ISO 9613, Name: "C&D - Exhaust - 5", ID: "A_051"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466134.30	5021407.96	92.70	0	32	49.6	49.6	0.0	0.0	69.7	0.0	-3.9	0.0	0.0	0.0	0.0	-0.0	-16.2	-16.2
2	466134.30	5021407.96	92.70	0	63	64.8	64.8	0.0	0.0	69.7	0.1	-3.9	0.0	0.0	0.0	0.0	-0.0	-1.1	-1.1
3	466134.30	5021407.96	92.70	0	125	75.9	75.9	0.0	0.0	69.7	0.4	1.8	0.0	0.0	0.0	0.0	-0.0	4.1	4.1
4	466134.30	5021407.96	92.70	0	250	81.4	81.4	0.0	0.0	69.7	0.9	-0.1	0.0	0.0	0.0	0.0	-0.0	10.9	10.9
5	466134.30	5021407.96	92.70	0	500	81.8	81.8	0.0	0.0	69.7	1.7	-1.2	0.0	0.0	0.0	0.0	-0.0	11.7	11.7
6	466134.30	5021407.96	92.70	0	1000	80.0	80.0	0.0	0.0	69.7	3.1	-1.2	0.0	0.0	0.0	0.0	-0.0	8.4	8.4
7	466134.30	5021407.96	92.70	0	2000	75.2	75.2	0.0	0.0	69.7	8.3	-1.2	0.0	0.0	0.0	0.0	-0.0	-1.6	-1.6
8	466134.30	5021407.96	92.70	0	4000	74.0	74.0	0.0	0.0	69.7	28.1	-1.2	0.0	0.0	0.0	0.0	-0.0	-22.6	-22.6
9	466134.30	5021407.96	92.70	0	8000	64.9	64.9	0.0	0.0	69.7	100.1	-1.2	0.0	0.0	0.0	0.0	-0.0	-103.7	-103.7

Point Source, ISO 9613, Name: "Mech - Exhaust", ID: "A_052"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466529.70	5021498.76	88.10	0	32	49.6	49.6	0.0	0.0	72.7	0.0	-4.8	0.0	0.0	0.0	0.0	-0.0	-18.3	-18.3
2	466529.70	5021498.76	88.10	0	63	64.8	64.8	0.0	0.0	72.7	0.2	-4.8	0.0	0.0	0.0	0.0	-0.0	-3.2	-3.2
3	466529.70	5021498.76	88.10	0	125	75.9	75.9	0.0	0.0	72.7	0.5	1.3	0.0	0.0	0.0	0.0	-0.0	1.4	1.4
4	466529.70	5021498.76	88.10	0	250	81.4	81.4	0.0	0.0	72.7	1.3	-0.7	0.0	0.0	0.0	0.0	-0.0	8.1	8.1
5	466529.70	5021498.76	88.10	0	500	81.8	81.8	0.0	0.0	72.7	2.3	-1.8	0.0	0.0	0.0	0.0	-0.0	8.6	8.6
6	466529.70	5021498.76	88.10	0	1000	80.0	80.0	0.0	0.0	72.7	4.4	-1.8	0.0	0.0	0.0	0.0	-0.0	4.7	4.7
7	466529.70	5021498.76	88.10	0	2000	75.2	75.2	0.0	0.0	72.7	11.7	-1.8	0.0	0.0	0.0	0.0	-0.0	-7.4	-7.4
8	466529.70	5021498.76	88.10	0	4000	74.0	74.0	0.0	0.0	72.7	39.7	-1.8	0.0	0.0	0.0	0.0	-0.0	-36.6	-36.6
9	466529.70	5021498.76	88.10	0	8000	64.9	64.9	0.0	0.0	72.7	141.7	-1.8	0.0	0.0	0.0	0.0	-0.0	-147.7	-147.7

Point Source, ISO 9613, Name: "HC Soil - Exhaust - 1", ID: "A_053"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466368.51	5020963.29	88.00	0	32	49.6	49.6	0.0	0.0	69.4	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-15.5	-15.5
2	466368.51	5020963.29	88.00	0	63	64.8	64.8	0.0	0.0	69.4	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	-0.4	-0.4
3	466368.51	5020963.29	88.00	0	125	75.9	75.9	0.0	0.0	69.4	0.3	1.9	0.0	0.0	0.0	0.0	-0.0	4.3	4.3
4	466368.51	5020963.29	88.00	0	250	81.4	81.4	0.0	0.0	69.4	0.9	0.0	0.0	0.0	0.0	0.0	-0.0	11.1	11.1
5	466368.51	5020963.29	88.00	0	500	81.8	81.8	0.0	0.0	69.4	1.6	-1.1	0.0	0.0	0.0	0.0	-0.0	11.9	11.9
6	466368.51	5020963.29	88.00	0	1000	80.0	80.0	0.0	0.0	69.4	3.0	-1.1	0.0	0.0	0.0	0.0	-0.0	8.6	8.6
7	466368.51	5020963.29	88.00	0	2000	75.2	75.2	0.0	0.0	69.4	8.0	-1.1	0.0	0.0	0.0	0.0	-0.0	-1.2	-1.2
8	466368.51	5020963.29	88.00	0	4000	74.0	74.0	0.0	0.0	69.4	27.3	-1.1	0.0	0.0	0.0	0.0	-0.0	-21.6	-21.6
9	466368.51	5020963.29	88.00	0	8000	64.9	64.9	0.0	0.0	69.4	97.3	-1.1	0.0	0.0	0.0	0.0	-0.0	-100.7	-100.7

Point Source, ISO 9613, Name: "HC Soil - Exhaust - 2", ID: "A_054"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466353.72	5020943.17	88.00	0	32	49.6	49.6	0.0	0.0	69.2	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-15.3	-15.3
2	466353.72	5020943.17	88.00	0	63	64.8	64.8	0.0	0.0	69.2	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	-0.2	-0.2
3	466353.72	5020943.17	88.00	0	125	75.9	75.9	0.0	0.0	69.2	0.3	1.9	0.0	0.0	0.0	0.0	-0.0	4.4	4.4
4	466353.72	5020943.17	88.00	0	250	81.4	81.4	0.0	0.0	69.2	0.9	0.1	0.0	0.0	0.0	0.0	-0.0	11.3	11.3
5	466353.72	5020943.17	88.00	0	500	81.8	81.8	0.0	0.0	69.2	1.6	-1.0	0.0	0.0	0.0	0.0	-0.0	12.1	12.1
6	466353.72	5020943.17	88.00	0	1000	80.0	80.0	0.0	0.0	69.2	3.0	-1.0	0.0	0.0	0.0	0.0	-0.0	8.9	8.9
7	466353.72	5020943.17	88.00	0	2000	75.2	75.2	0.0	0.0	69.2	7.9	-1.0	0.0	0.0	0.0	0.0	-0.0	-0.8	-0.8
8	466353.72	5020943.17	88.00	0	4000	74.0	74.0	0.0	0.0	69.2	26.7	-1.0	0.0	0.0	0.0	0.0	-0.0	-20.8	-20.8
9	466353.72	5020943.17	88.00	0	8000	64.9	64.9	0.0	0.0	69.2	95.0	-1.0	0.0	0.0	0.0	0.0	-0.0	-98.3	-98.3



Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "Organic Pre Processing - Exhaust - 1", ID: "A_055"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466472.70	5021218.88	91.00	0	32	49.6	49.6	0.0	0.0	71.1	0.0	-4.4	0.0	0.0	0.0	0.0	-0.0	-17.2	-17.2
2	466472.70	5021218.88	91.00	0	63	64.8	64.8	0.0	0.0	71.1	0.1	-4.4	0.0	0.0	0.0	0.0	-0.0	-2.1	-2.1
3	466472.70	5021218.88	91.00	0	125	75.9	75.9	0.0	0.0	71.1	0.4	1.8	0.0	0.0	0.0	0.0	-0.0	2.6	2.6
4	466472.70	5021218.88	91.00	0	250	81.4	81.4	0.0	0.0	71.1	1.1	-0.1	0.0	0.0	0.0	0.0	-0.0	9.3	9.3
5	466472.70	5021218.88	91.00	0	500	81.8	81.8	0.0	0.0	71.1	2.0	-1.2	0.0	0.0	0.0	0.0	-0.0	9.9	9.9
6	466472.70	5021218.88	91.00	0	1000	80.0	80.0	0.0	0.0	71.1	3.7	-1.2	0.0	0.0	0.0	0.0	-0.0	6.4	6.4
7	466472.70	5021218.88	91.00	0	2000	75.2	75.2	0.0	0.0	71.1	9.8	-1.2	0.0	0.0	0.0	0.0	-0.0	-4.5	-4.5
8	466472.70	5021218.88	91.00	0	4000	74.0	74.0	0.0	0.0	71.1	33.3	-1.2	0.0	0.0	0.0	0.0	-0.0	-29.2	-29.2
9	466472.70	5021218.88	91.00	0	8000	64.9	64.9	0.0	0.0	71.1	118.9	-1.2	0.0	0.0	0.0	0.0	-0.0	-123.9	-123.9

Point Source, ISO 9613, Name: "Organic Pre Processing - Exhaust - 2", ID: "A_056"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466501.09	5021198.97	91.00	0	32	49.6	49.6	0.0	0.0	71.3	0.0	-4.4	0.0	0.0	0.0	0.0	-0.0	-17.3	-17.3
2	466501.09	5021198.97	91.00	0	63	64.8	64.8	0.0	0.0	71.3	0.1	-4.4	0.0	0.0	0.0	0.0	-0.0	-2.2	-2.2
3	466501.09	5021198.97	91.00	0	125	75.9	75.9	0.0	0.0	71.3	0.4	1.8	0.0	0.0	0.0	0.0	-0.0	2.4	2.4
4	466501.09	5021198.97	91.00	0	250	81.4	81.4	0.0	0.0	71.3	1.1	-0.2	0.0	0.0	0.0	0.0	-0.0	9.2	9.2
5	466501.09	5021198.97	91.00	0	500	81.8	81.8	0.0	0.0	71.3	2.0	-1.3	0.0	0.0	0.0	0.0	-0.0	9.8	9.8
6	466501.09	5021198.97	91.00	0	1000	80.0	80.0	0.0	0.0	71.3	3.8	-1.3	0.0	0.0	0.0	0.0	-0.0	6.2	6.2
7	466501.09	5021198.97	91.00	0	2000	75.2	75.2	0.0	0.0	71.3	10.0	-1.3	0.0	0.0	0.0	0.0	-0.0	-4.8	-4.8
8	466501.09	5021198.97	91.00	0	4000	74.0	74.0	0.0	0.0	71.3	33.9	-1.3	0.0	0.0	0.0	0.0	-0.0	-29.9	-29.9
9	466501.09	5021198.97	91.00	0	8000	64.9	64.9	0.0	0.0	71.3	120.9	-1.3	0.0	0.0	0.0	0.0	-0.0	-126.0	-126.0

Point Source, ISO 9613, Name: "Leachate - Exhaust - 1", ID: "A_057"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466482.13	5021032.42	91.00	0	32	49.6	49.6	0.0	0.0	70.6	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-16.8	-16.8
2	466482.13	5021032.42	91.00	0	63	64.8	64.8	0.0	0.0	70.6	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	-1.7	-1.7
3	466482.13	5021032.42	91.00	0	125	75.9	75.9	0.0	0.0	70.6	0.4	1.9	0.0	0.0	0.0	0.0	-0.0	3.0	3.0
4	466482.13	5021032.42	91.00	0	250	81.4	81.4	0.0	0.0	70.6	1.0	-0.1	0.0	0.0	0.0	0.0	-0.0	9.8	9.8
5	466482.13	5021032.42	91.00	0	500	81.8	81.8	0.0	0.0	70.6	1.9	-1.2	0.0	0.0	0.0	0.0	-0.0	10.5	10.5
6	466482.13	5021032.42	91.00	0	1000	80.0	80.0	0.0	0.0	70.6	3.5	-1.2	0.0	0.0	0.0	0.0	-0.0	7.0	7.0
7	466482.13	5021032.42	91.00	0	2000	75.2	75.2	0.0	0.0	70.6	9.3	-1.2	0.0	0.0	0.0	0.0	-0.0	-3.5	-3.5
8	466482.13	5021032.42	91.00	0	4000	74.0	74.0	0.0	0.0	70.6	31.4	-1.2	0.0	0.0	0.0	0.0	-0.0	-26.9	-26.9
9	466482.13	5021032.42	91.00	0	8000	64.9	64.9	0.0	0.0	70.6	112.1	-1.2	0.0	0.0	0.0	0.0	-0.0	-116.7	-116.7

Point Source, ISO 9613, Name: "Leachate - Exhaust - 2", ID: "A_058"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466521.10	5021046.82	91.00	0	32	49.6	49.6	0.0	0.0	71.0	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-17.1	-17.1
2	466521.10	5021046.82	91.00	0	63	64.8	64.8	0.0	0.0	71.0	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	-2.0	-2.0
3	466521.10	5021046.82	91.00	0	125	75.9	75.9	0.0	0.0	71.0	0.4	1.8	0.0	0.0	0.0	0.0	-0.0	2.7	2.7
4	466521.10	5021046.82	91.00	0	250	81.4	81.4	0.0	0.0	71.0	1.0	-0.1	0.0	0.0	0.0	0.0	-0.0	9.5	9.5
5	466521.10	5021046.82	91.00	0	500	81.8	81.8	0.0	0.0	71.0	1.9	-1.2	0.0	0.0	0.0	0.0	-0.0	10.1	10.1
6	466521.10	5021046.82	91.00	0	1000	80.0	80.0	0.0	0.0	71.0	3.7	-1.2	0.0	0.0	0.0	0.0	-0.0	6.6	6.6
7	466521.10	5021046.82	91.00	0	2000	75.2	75.2	0.0	0.0	71.0	9.7	-1.2	0.0	0.0	0.0	0.0	-0.0	-4.3	-4.3
8	466521.10	5021046.82	91.00	0	4000	74.0	74.0	0.0	0.0	71.0	32.8	-1.2	0.0	0.0	0.0	0.0	-0.0	-28.6	-28.6
9	466521.10	5021046.82	91.00	0	8000	64.9	64.9	0.0	0.0	71.0	117.0	-1.2	0.0	0.0	0.0	0.0	-0.0	-121.8	-121.8

Point Source, ISO 9613, Name: "Compost Aerator", ID: "A_060"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466346.19	5021095.86	78.50	0	32	59.6	59.6	0.0	0.0	69.6	0.0	-5.4	0.0	0.0	10.4	0.0	-0.0	-15.1	-15.1
2	466346.19	5021095.86	78.50	0	63	72.8	72.8	0.0	0.0	69.6	0.1	-5.4	0.0	0.0	10.8	0.0	-0.0	-2.3	-2.3
3	466346.19	5021095.86	78.50	0	125	82.9	82.9	0.0	0.0	69.6	0.4	3.7	0.0	0.0	2.5	0.0	-0.0	6.8	6.8
4	466346.19	5021095.86	78.50	0	250	89.4	89.4	0.0	0.0	69.6	0.9	2.9	0.0	0.0	4.3	0.0	-0.0	11.7	11.7
5	466346.19	5021095.86	78.50	0	500	89.8	89.8	0.0	0.0	69.6	1.6	0.8	0.0	0.0	8.0	0.0	-0.0	9.7	9.7
6	466346.19	5021095.86	78.50	0	1000	89.0	89.0	0.0	0.0	69.6	3.1	-1.3	0.0	0.0	12.2	0.0	-0.0	5.4	5.4
7	466346.19	5021095.86	78.50	0	2000	84.2	84.2	0.0	0.0	69.6	8.2	-1.7	0.0	0.0	15.0	0.0	-0.0	-7.0	-7.0
8	466346.19	5021095.86	78.50	0	4000	79.0	79.0	0.0	0.0	69.6	27.9	-1.7	0.0	0.0	17.7	0.0	-0.0	-34.5	-34.5
9	466346.19	5021095.86	78.50	0	8000	74.9	74.9	0.0	0.0	69.6	99.5	-1.7	0.0	0.0	20.6	0.0	-0.0	-113.1	-113.1

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "Pre Processing - Biofilter", ID: "A_062"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466486.53	5021209.07	91.50	0	32	52.6	52.6	0.0	0.0	71.2	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-14.3	-14.3
2	466486.53	5021209.07	91.50	0	63	67.8	67.8	0.0	0.0	71.2	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	0.8	0.8
3	466486.53	5021209.07	91.50	0	125	78.9	78.9	0.0	0.0	71.2	0.4	1.8	0.0	0.0	0.0	0.0	-0.0	5.5	5.5
4	466486.53	5021209.07	91.50	0	250	84.4	84.4	0.0	0.0	71.2	1.1	-0.1	0.0	0.0	0.0	0.0	-0.0	12.2	12.2
5	466486.53	5021209.07	91.50	0	500	84.8	84.8	0.0	0.0	71.2	2.0	-1.2	0.0	0.0	0.0	0.0	-0.0	12.8	12.8
6	466486.53	5021209.07	91.50	0	1000	83.0	83.0	0.0	0.0	71.2	3.8	-1.2	0.0	0.0	0.0	0.0	-0.0	9.3	9.3
7	466486.53	5021209.07	91.50	0	2000	78.2	78.2	0.0	0.0	71.2	9.9	-1.2	0.0	0.0	0.0	0.0	-0.0	-1.7	-1.7
8	466486.53	5021209.07	91.50	0	4000	77.0	77.0	0.0	0.0	71.2	33.6	-1.2	0.0	0.0	0.0	0.0	-0.0	-26.6	-26.6
9	466486.53	5021209.07	91.50	0	8000	67.9	67.9	0.0	0.0	71.2	119.8	-1.2	0.0	0.0	0.0	0.0	-0.0	-121.9	-121.9

Point Source, ISO 9613, Name: "HC Soil - Biofilter", ID: "A_063"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466340.50	5020944.19	88.50	0	32	52.6	52.6	0.0	0.0	69.1	0.0	-4.2	0.0	0.0	0.0	0.0	-0.0	-12.3	-12.3
2	466340.50	5020944.19	88.50	0	63	67.8	67.8	0.0	0.0	69.1	0.1	-4.2	0.0	0.0	0.0	0.0	-0.0	2.8	2.8
3	466340.50	5020944.19	88.50	0	125	78.9	78.9	0.0	0.0	69.1	0.3	2.0	0.0	0.0	0.0	0.0	-0.0	7.5	7.5
4	466340.50	5020944.19	88.50	0	250	84.4	84.4	0.0	0.0	69.1	0.8	0.1	0.0	0.0	0.0	0.0	-0.0	14.4	14.4
5	466340.50	5020944.19	88.50	0	500	84.8	84.8	0.0	0.0	69.1	1.5	-1.0	0.0	0.0	0.0	0.0	-0.0	15.2	15.2
6	466340.50	5020944.19	88.50	0	1000	83.0	83.0	0.0	0.0	69.1	2.9	-1.0	0.0	0.0	0.0	0.0	-0.0	12.0	12.0
7	466340.50	5020944.19	88.50	0	2000	78.2	78.2	0.0	0.0	69.1	7.7	-1.0	0.0	0.0	0.0	0.0	-0.0	2.4	2.4
8	466340.50	5020944.19	88.50	0	4000	77.0	77.0	0.0	0.0	69.1	26.2	-1.0	0.0	0.0	0.0	0.0	-0.0	-17.3	-17.3
9	466340.50	5020944.19	88.50	0	8000	67.9	67.9	0.0	0.0	69.1	93.6	-1.0	0.0	0.0	0.0	0.0	-0.0	-93.7	-93.7

Point Source, ISO 9613, Name: "Generator - 1", ID: "A_064"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466699.91	5021357.41	79.01	0	32	58.6	58.6	0.0	0.0	73.2	0.0	-5.5	0.0	0.0	10.3	0.0	-0.0	-19.4	-19.4
2	466699.91	5021357.41	79.01	0	63	78.8	78.8	0.0	0.0	73.2	0.2	-5.5	0.0	0.0	10.4	0.0	-0.0	0.7	0.7
3	466699.91	5021357.41	79.01	0	125	76.9	76.9	0.0	0.0	73.2	0.5	3.6	0.0	0.0	1.3	0.0	-0.0	-1.7	-1.7
4	466699.91	5021357.41	79.01	0	250	71.4	71.4	0.0	0.0	73.2	1.3	2.2	0.0	0.0	2.9	0.0	-0.0	-8.2	-8.2
5	466699.91	5021357.41	79.01	0	500	62.8	62.8	0.0	0.0	73.2	2.5	-0.9	0.0	0.0	6.2	0.0	-0.0	-18.2	-18.2
6	466699.91	5021357.41	79.01	0	1000	61.0	61.0	0.0	0.0	73.2	4.7	-1.9	0.0	0.0	7.7	0.0	-0.0	-22.7	-22.7
7	466699.91	5021357.41	79.01	0	2000	60.2	60.2	0.0	0.0	73.2	12.4	-1.9	0.0	0.0	8.6	0.0	-0.0	-32.0	-32.0
8	466699.91	5021357.41	79.01	0	4000	81.0	81.0	0.0	0.0	73.2	42.0	-1.9	0.0	0.0	9.9	0.0	-0.0	-42.1	-42.1
9	466699.91	5021357.41	79.01	0	8000	81.9	81.9	0.0	0.0	73.2	149.9	-1.9	0.0	0.0	11.8	0.0	-0.0	-150.9	-150.9

Point Source, ISO 9613, Name: "Generator - 2", ID: "A_065"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466701.76	5021352.35	79.01	0	32	48.6	48.6	0.0	0.0	73.1	0.0	-5.5	0.0	0.0	10.4	0.0	-0.0	-29.4	-29.4
2	466701.76	5021352.35	79.01	0	63	66.8	66.8	0.0	0.0	73.1	0.2	-5.5	0.0	0.0	10.4	0.0	-0.0	-11.4	-11.4
3	466701.76	5021352.35	79.01	0	125	84.9	84.9	0.0	0.0	73.1	0.5	3.6	0.0	0.0	1.4	0.0	-0.0	6.2	6.2
4	466701.76	5021352.35	79.01	0	250	83.4	83.4	0.0	0.0	73.1	1.3	2.2	0.0	0.0	3.1	0.0	-0.0	3.7	3.7
5	466701.76	5021352.35	79.01	0	500	74.8	74.8	0.0	0.0	73.1	2.5	-0.9	0.0	0.0	6.5	0.0	-0.0	-6.5	-6.5
6	466701.76	5021352.35	79.01	0	1000	62.0	62.0	0.0	0.0	73.1	4.7	-1.9	0.0	0.0	8.3	0.0	-0.0	-22.2	-22.2
7	466701.76	5021352.35	79.01	0	2000	59.2	59.2	0.0	0.0	73.1	12.4	-1.9	0.0	0.0	9.5	0.0	-0.0	-33.9	-33.9
8	466701.76	5021352.35	79.01	0	4000	63.0	63.0	0.0	0.0	73.1	42.0	-1.9	0.0	0.0	11.2	0.0	-0.0	-61.4	-61.4
9	466701.76	5021352.35	79.01	0	8000	57.9	57.9	0.0	0.0	73.1	149.8	-1.9	0.0	0.0	13.4	0.0	-0.0	-176.4	-176.4

Point Source, ISO 9613, Name: "Generator - 3", ID: "A_066"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466703.20	5021347.77	79.01	0	32	48.6	48.6	0.0	0.0	73.1	0.0	-5.5	0.0	0.0	10.4	0.0	-0.0	-29.4	-29.4
2	466703.20	5021347.77	79.01	0	63	66.8	66.8	0.0	0.0	73.1	0.2	-5.5	0.0	0.0	10.4	0.0	-0.0	-11.4	-11.4
3	466703.20	5021347.77	79.01	0	125	84.9	84.9	0.0	0.0	73.1	0.5	3.6	0.0	0.0	1.4	0.0	-0.0	6.2	6.2
4	466703.20	5021347.77	79.01	0	250	83.4	83.4	0.0	0.0	73.1	1.3	2.2	0.0	0.0	3.1	0.0	-0.0	3.7	3.7
5	466703.20	5021347.77	79.01	0	500	74.8	74.8	0.0	0.0	73.1	2.5	-0.9	0.0	0.0	6.5	0.0	-0.0	-6.5	-6.5
6	466703.20	5021347.77	79.01	0	1000	62.0	62.0	0.0	0.0	73.1	4.7	-1.9	0.0	0.0	8.3	0.0	-0.0	-22.3	-22.3
7	466703.20	5021347.77	79.01	0	2000	59.2	59.2	0.0	0.0	73.1	12.4	-1.9	0.0	0.0	9.6	0.0	-0.0	-34.0	-34.0
8	466703.20	5021347.77	79.01	0	4000	63.0	63.0	0.0	0.0	73.1	42.0	-1.9	0.0	0.0	11.4	0.0	-0.0	-61.5	-61.5
9	466703.20	5021347.77	79.01	0	8000	57.9	57.9	0.0	0.0	73.1	149.7	-1.9	0.0	0.0	13.5	0.0	-0.0	-176.5	-176.5

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "Generator - 4", ID: "A_067"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466705.01	5021342.74	79.01	0	32	48.6	48.6	0.0	0.0	73.1	0.0	-5.5	0.0	0.0	10.4	0.0	-0.0	-29.4	-29.4
2	466705.01	5021342.74	79.01	0	63	66.8	66.8	0.0	0.0	73.1	0.2	-5.5	0.0	0.0	10.4	0.0	-0.0	-11.4	-11.4
3	466705.01	5021342.74	79.01	0	125	84.9	84.9	0.0	0.0	73.1	0.5	3.6	0.0	0.0	1.4	0.0	-0.0	6.2	6.2
4	466705.01	5021342.74	79.01	0	250	83.4	83.4	0.0	0.0	73.1	1.3	2.2	0.0	0.0	3.1	0.0	-0.0	3.7	3.7
5	466705.01	5021342.74	79.01	0	500	74.8	74.8	0.0	0.0	73.1	2.5	-0.9	0.0	0.0	6.6	0.0	-0.0	-6.5	-6.5
6	466705.01	5021342.74	79.01	0	1000	62.0	62.0	0.0	0.0	73.1	4.7	-1.9	0.0	0.0	8.4	0.0	-0.0	-22.3	-22.3
7	466705.01	5021342.74	79.01	0	2000	59.2	59.2	0.0	0.0	73.1	12.4	-1.9	0.0	0.0	9.6	0.0	-0.0	-34.0	-34.0
8	466705.01	5021342.74	79.01	0	4000	63.0	63.0	0.0	0.0	73.1	41.9	-1.9	0.0	0.0	11.4	0.0	-0.0	-61.5	-61.5
9	466705.01	5021342.74	79.01	0	8000	57.9	57.9	0.0	0.0	73.1	149.6	-1.9	0.0	0.0	13.6	0.0	-0.0	-176.5	-176.5

Point Source, ISO 9613, Name: "Generator - 5", ID: "A_068"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466706.52	5021337.92	79.01	0	32	48.6	48.6	0.0	0.0	73.1	0.0	-5.5	0.0	0.0	10.4	0.0	-0.0	-29.4	-29.4
2	466706.52	5021337.92	79.01	0	63	66.8	66.8	0.0	0.0	73.1	0.2	-5.5	0.0	0.0	10.4	0.0	-0.0	-11.4	-11.4
3	466706.52	5021337.92	79.01	0	125	84.9	84.9	0.0	0.0	73.1	0.5	3.6	0.0	0.0	1.4	0.0	-0.0	6.2	6.2
4	466706.52	5021337.92	79.01	0	250	83.4	83.4	0.0	0.0	73.1	1.3	2.2	0.0	0.0	3.1	0.0	-0.0	3.6	3.6
5	466706.52	5021337.92	79.01	0	500	74.8	74.8	0.0	0.0	73.1	2.5	-0.9	0.0	0.0	6.6	0.0	-0.0	-6.5	-6.5
6	466706.52	5021337.92	79.01	0	1000	62.0	62.0	0.0	0.0	73.1	4.7	-1.9	0.0	0.0	8.4	0.0	-0.0	-22.3	-22.3
7	466706.52	5021337.92	79.01	0	2000	59.2	59.2	0.0	0.0	73.1	12.4	-1.9	0.0	0.0	9.7	0.0	-0.0	-34.1	-34.1
8	466706.52	5021337.92	79.01	0	4000	63.0	63.0	0.0	0.0	73.1	41.9	-1.9	0.0	0.0	11.5	0.0	-0.0	-61.6	-61.6
9	466706.52	5021337.92	79.01	0	8000	57.9	57.9	0.0	0.0	73.1	149.5	-1.9	0.0	0.0	13.7	0.0	-0.0	-176.5	-176.5

Point Source, ISO 9613, Name: "Generator - 6", ID: "A_069"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466707.88	5021334.22	79.01	0	32	48.6	48.6	0.0	0.0	73.1	0.0	-5.5	0.0	0.0	10.4	0.0	-0.0	-29.4	-29.4
2	466707.88	5021334.22	79.01	0	63	66.8	66.8	0.0	0.0	73.1	0.2	-5.5	0.0	0.0	10.4	0.0	-0.0	-11.4	-11.4
3	466707.88	5021334.22	79.01	0	125	84.9	84.9	0.0	0.0	73.1	0.5	3.6	0.0	0.0	1.4	0.0	-0.0	6.2	6.2
4	466707.88	5021334.22	79.01	0	250	83.4	83.4	0.0	0.0	73.1	1.3	2.2	0.0	0.0	3.1	0.0	-0.0	3.6	3.6
5	466707.88	5021334.22	79.01	0	500	74.8	74.8	0.0	0.0	73.1	2.5	-0.9	0.0	0.0	6.6	0.0	-0.0	-6.5	-6.5
6	466707.88	5021334.22	79.01	0	1000	62.0	62.0	0.0	0.0	73.1	4.7	-1.9	0.0	0.0	8.4	0.0	-0.0	-22.3	-22.3
7	466707.88	5021334.22	79.01	0	2000	59.2	59.2	0.0	0.0	73.1	12.4	-1.9	0.0	0.0	9.7	0.0	-0.0	-34.1	-34.1
8	466707.88	5021334.22	79.01	0	4000	63.0	63.0	0.0	0.0	73.1	41.9	-1.9	0.0	0.0	11.5	0.0	-0.0	-61.6	-61.6
9	466707.88	5021334.22	79.01	0	8000	57.9	57.9	0.0	0.0	73.1	149.5	-1.9	0.0	0.0	13.7	0.0	-0.0	-176.5	-176.5

Point Source, ISO 9613, Name: "Generator - 7", ID: "A_070"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466709.35	5021329.13	79.01	0	32	48.6	48.6	0.0	0.0	73.1	0.0	-5.5	0.0	0.0	10.4	0.0	-0.0	-29.4	-29.4
2	466709.35	5021329.13	79.01	0	63	66.8	66.8	0.0	0.0	73.1	0.2	-5.5	0.0	0.0	10.5	0.0	-0.0	-11.4	-11.4
3	466709.35	5021329.13	79.01	0	125	84.9	84.9	0.0	0.0	73.1	0.5	3.6	0.0	0.0	1.5	0.0	-0.0	6.2	6.2
4	466709.35	5021329.13	79.01	0	250	83.4	83.4	0.0	0.0	73.1	1.3	2.2	0.0	0.0	3.1	0.0	-0.0	3.6	3.6
5	466709.35	5021329.13	79.01	0	500	74.8	74.8	0.0	0.0	73.1	2.5	-0.9	0.0	0.0	6.6	0.0	-0.0	-6.6	-6.6
6	466709.35	5021329.13	79.01	0	1000	62.0	62.0	0.0	0.0	73.1	4.7	-1.9	0.0	0.0	8.5	0.0	-0.0	-22.4	-22.4
7	466709.35	5021329.13	79.01	0	2000	59.2	59.2	0.0	0.0	73.1	12.4	-1.9	0.0	0.0	9.8	0.0	-0.0	-34.1	-34.1
8	466709.35	5021329.13	79.01	0	4000	63.0	63.0	0.0	0.0	73.1	41.9	-1.9	0.0	0.0	11.6	0.0	-0.0	-61.6	-61.6
9	466709.35	5021329.13	79.01	0	8000	57.9	57.9	0.0	0.0	73.1	149.4	-1.9	0.0	0.0	13.8	0.0	-0.0	-176.5	-176.5

Point Source, ISO 9613, Name: "EGP - Exhaust", ID: "A_071"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466686.02	5021396.01	85.00	0	32	49.6	49.6	0.0	0.0	73.2	0.0	-5.1	0.0	0.0	9.9	0.0	-0.0	-28.4	-28.4
2	466686.02	5021396.01	85.00	0	63	64.8	64.8	0.0	0.0	73.2	0.2	-5.1	0.0	0.0	9.9	0.0	-0.0	-13.4	-13.4
3	466686.02	5021396.01	85.00	0	125	75.9	75.9	0.0	0.0	73.2	0.5	1.8	0.0	0.0	3.0	0.0	-0.0	-2.7	-2.7
4	466686.02	5021396.01	85.00	0	250	81.4	81.4	0.0	0.0	73.2	1.3	-0.6	0.0	0.0	5.7	0.0	-0.0	1.8	1.8
5	466686.02	5021396.01	85.00	0	500	81.8	81.8	0.0	0.0	73.2	2.5	-1.7	0.0	0.0	7.2	0.0	-0.0	0.6	0.6
6	466686.02	5021396.01	85.00	0	1000	80.0	80.0	0.0	0.0	73.2	4.7	-1.7	0.0	0.0	7.9	0.0	-0.0	-4.0	-4.0
7	466686.02	5021396.01	85.00	0	2000	75.2	75.2	0.0	0.0	73.2	12.5	-1.7	0.0	0.0	8.9	0.0	-0.0	-17.6	-17.6
8	466686.02	5021396.01	85.00	0	4000	74.0	74.0	0.0	0.0	73.2	42.2	-1.7	0.0	0.0	10.5	0.0	-0.0	-50.1	-50.1
9	466686.02	5021396.01	85.00	0	8000	64.9	64.9	0.0	0.0	73.2	150.5	-1.7	0.0	0.0	12.5	0.0	-0.0	-169.6	-169.6

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "MRF - HVAC - 1", ID: "A_072"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466301.18	5021469.84	93.50	0	32	40.6	40.6	0.0	0.0	71.1	0.0	-4.1	0.0	0.0	0.0	0.0	-0.0	-26.5	-26.5
2	466301.18	5021469.84	93.50	0	63	55.8	55.8	0.0	0.0	71.1	0.1	-4.1	0.0	0.0	0.0	0.0	-0.0	-11.4	-11.4
3	466301.18	5021469.84	93.50	0	125	66.9	66.9	0.0	0.0	71.1	0.4	1.7	0.0	0.0	0.0	0.0	-0.0	-6.4	-6.4
4	466301.18	5021469.84	93.50	0	250	73.4	73.4	0.0	0.0	71.1	1.1	-0.2	0.0	0.0	0.0	0.0	-0.0	1.4	1.4
5	466301.18	5021469.84	93.50	0	500	75.8	75.8	0.0	0.0	71.1	2.0	-1.4	0.0	0.0	0.0	0.0	-0.0	4.0	4.0
6	466301.18	5021469.84	93.50	0	1000	79.0	79.0	0.0	0.0	71.1	3.7	-1.4	0.0	0.0	0.0	0.0	-0.0	5.5	5.5
7	466301.18	5021469.84	93.50	0	2000	75.2	75.2	0.0	0.0	71.1	9.8	-1.4	0.0	0.0	0.0	0.0	-0.0	-4.5	-4.5
8	466301.18	5021469.84	93.50	0	4000	72.0	72.0	0.0	0.0	71.1	33.4	-1.4	0.0	0.0	0.0	0.0	-0.0	-31.2	-31.2
9	466301.18	5021469.84	93.50	0	8000	60.9	60.9	0.0	0.0	71.1	119.0	-1.4	0.0	0.0	0.0	0.0	-0.0	-127.9	-127.9

Point Source, ISO 9613, Name: "MRF - HVAC - 2", ID: "A_073"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466313.84	5021440.31	93.50	0	32	40.6	40.6	0.0	0.0	71.1	0.0	-4.1	0.0	0.0	0.0	0.0	-0.0	-26.4	-26.4
2	466313.84	5021440.31	93.50	0	63	55.8	55.8	0.0	0.0	71.1	0.1	-4.1	0.0	0.0	0.0	0.0	-0.0	-11.3	-11.3
3	466313.84	5021440.31	93.50	0	125	66.9	66.9	0.0	0.0	71.1	0.4	1.7	0.0	0.0	0.0	0.0	-0.0	-6.3	-6.3
4	466313.84	5021440.31	93.50	0	250	73.4	73.4	0.0	0.0	71.1	1.1	-0.2	0.0	0.0	0.0	0.0	-0.0	1.5	1.5
5	466313.84	5021440.31	93.50	0	500	75.8	75.8	0.0	0.0	71.1	1.9	-1.3	0.0	0.0	0.0	0.0	-0.0	4.1	4.1
6	466313.84	5021440.31	93.50	0	1000	79.0	79.0	0.0	0.0	71.1	3.7	-1.4	0.0	0.0	0.0	0.0	-0.0	5.6	5.6
7	466313.84	5021440.31	93.50	0	2000	75.2	75.2	0.0	0.0	71.1	9.7	-1.4	0.0	0.0	0.0	0.0	-0.0	-4.3	-4.3
8	466313.84	5021440.31	93.50	0	4000	72.0	72.0	0.0	0.0	71.1	33.0	-1.4	0.0	0.0	0.0	0.0	-0.0	-30.8	-30.8
9	466313.84	5021440.31	93.50	0	8000	60.9	60.9	0.0	0.0	71.1	117.8	-1.4	0.0	0.0	0.0	0.0	-0.0	-126.6	-126.6

Point Source, ISO 9613, Name: "MRF - HVAC - 3", ID: "A_074"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466396.79	5021471.27	93.50	0	32	40.6	40.6	0.0	0.0	71.8	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-26.9	-26.9
2	466396.79	5021471.27	93.50	0	63	55.8	55.8	0.0	0.0	71.8	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	-11.8	-11.8
3	466396.79	5021471.27	93.50	0	125	66.9	66.9	0.0	0.0	71.8	0.5	1.6	0.0	0.0	0.0	0.0	-0.0	-6.9	-6.9
4	466396.79	5021471.27	93.50	0	250	73.4	73.4	0.0	0.0	71.8	1.1	-0.3	0.0	0.0	0.0	0.0	-0.0	0.8	0.8
5	466396.79	5021471.27	93.50	0	500	75.8	75.8	0.0	0.0	71.8	2.1	-1.4	0.0	0.0	0.0	0.0	-0.0	3.4	3.4
6	466396.79	5021471.27	93.50	0	1000	79.0	79.0	0.0	0.0	71.8	4.0	-1.4	0.0	0.0	0.0	0.0	-0.0	4.7	4.7
7	466396.79	5021471.27	93.50	0	2000	75.2	75.2	0.0	0.0	71.8	10.5	-1.4	0.0	0.0	0.0	0.0	-0.0	-5.7	-5.7
8	466396.79	5021471.27	93.50	0	4000	72.0	72.0	0.0	0.0	71.8	35.7	-1.4	0.0	0.0	0.0	0.0	-0.0	-34.1	-34.1
9	466396.79	5021471.27	93.50	0	8000	60.9	60.9	0.0	0.0	71.8	127.5	-1.4	0.0	0.0	0.0	0.0	-0.0	-136.9	-136.9

Point Source, ISO 9613, Name: "MRF - HVAC - 4", ID: "A_075"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466385.75	5021503.62	93.50	0	32	40.6	40.6	0.0	0.0	71.8	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-27.0	-27.0
2	466385.75	5021503.62	93.50	0	63	55.8	55.8	0.0	0.0	71.8	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	-11.9	-11.9
3	466385.75	5021503.62	93.50	0	125	66.9	66.9	0.0	0.0	71.8	0.5	1.6	0.0	0.0	0.0	0.0	-0.0	-7.0	-7.0
4	466385.75	5021503.62	93.50	0	250	73.4	73.4	0.0	0.0	71.8	1.2	-0.3	0.0	0.0	0.0	0.0	-0.0	0.7	0.7
5	466385.75	5021503.62	93.50	0	500	75.8	75.8	0.0	0.0	71.8	2.1	-1.5	0.0	0.0	0.0	0.0	-0.0	3.3	3.3
6	466385.75	5021503.62	93.50	0	1000	79.0	79.0	0.0	0.0	71.8	4.0	-1.5	0.0	0.0	0.0	0.0	-0.0	4.5	4.5
7	466385.75	5021503.62	93.50	0	2000	75.2	75.2	0.0	0.0	71.8	10.7	-1.5	0.0	0.0	0.0	0.0	-0.0	-5.9	-5.9
8	466385.75	5021503.62	93.50	0	4000	72.0	72.0	0.0	0.0	71.8	36.1	-1.5	0.0	0.0	0.0	0.0	-0.0	-34.6	-34.6
9	466385.75	5021503.62	93.50	0	8000	60.9	60.9	0.0	0.0	71.8	129.0	-1.5	0.0	0.0	0.0	0.0	-0.0	-138.5	-138.5

Point Source, ISO 9613, Name: "C&D - HVAC - 1", ID: "A_076"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466105.54	5021388.96	92.20	0	32	40.6	40.6	0.0	0.0	69.3	0.0	-3.8	0.0	0.0	0.0	0.0	-0.0	-24.9	-24.9
2	466105.54	5021388.96	92.20	0	63	55.8	55.8	0.0	0.0	69.3	0.1	-3.8	0.0	0.0	0.0	0.0	-0.0	-9.8	-9.8
3	466105.54	5021388.96	92.20	0	125	66.9	66.9	0.0	0.0	69.3	0.3	1.8	0.0	0.0	0.0	0.0	-0.0	-4.6	-4.6
4	466105.54	5021388.96	92.20	0	250	73.4	73.4	0.0	0.0	69.3	0.9	-0.0	0.0	0.0	0.0	0.0	-0.0	3.2	3.2
5	466105.54	5021388.96	92.20	0	500	75.8	75.8	0.0	0.0	69.3	1.6	-1.1	0.0	0.0	0.0	0.0	-0.0	6.0	6.0
6	466105.54	5021388.96	92.20	0	1000	79.0	79.0	0.0	0.0	69.3	3.0	-1.1	0.0	0.0	0.0	0.0	-0.0	7.8	7.8
7	466105.54	5021388.96	92.20	0	2000	75.2	75.2	0.0	0.0	69.3	8.0	-1.1	0.0	0.0	0.0	0.0	-0.0	-1.0	-1.0
8	466105.54	5021388.96	92.20	0	4000	72.0	72.0	0.0	0.0	69.3	27.0	-1.1	0.0	0.0	0.0	0.0	-0.0	-23.2	-23.2
9	466105.54	5021388.96	92.20	0	8000	60.9	60.9	0.0	0.0	69.3	96.2	-1.1	0.0	0.0	0.0	0.0	-0.0	-103.5	-103.5

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "C&D - HVAC - 2", ID: "A_077"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466116.55	5021358.47	92.20	0	32	40.6	40.6	0.0	0.0	69.1	0.0	-3.8	0.0	0.0	0.0	0.0	-0.0	-24.8	-24.8
2	466116.55	5021358.47	92.20	0	63	55.8	55.8	0.0	0.0	69.1	0.1	-3.8	0.0	0.0	0.0	0.0	-0.0	-9.7	-9.7
3	466116.55	5021358.47	92.20	0	125	66.9	66.9	0.0	0.0	69.1	0.3	1.8	0.0	0.0	0.0	0.0	-0.0	-4.4	-4.4
4	466116.55	5021358.47	92.20	0	250	73.4	73.4	0.0	0.0	69.1	0.8	-0.0	0.0	0.0	0.0	0.0	-0.0	3.4	3.4
5	466116.55	5021358.47	92.20	0	500	75.8	75.8	0.0	0.0	69.1	1.6	-1.1	0.0	0.0	0.0	0.0	-0.0	6.2	6.2
6	466116.55	5021358.47	92.20	0	1000	79.0	79.0	0.0	0.0	69.1	3.0	-1.1	0.0	0.0	0.0	0.0	-0.0	8.0	8.0
7	466116.55	5021358.47	92.20	0	2000	75.2	75.2	0.0	0.0	69.1	7.8	-1.1	0.0	0.0	0.0	0.0	-0.0	-0.7	-0.7
8	466116.55	5021358.47	92.20	0	4000	72.0	72.0	0.0	0.0	69.1	26.5	-1.1	0.0	0.0	0.0	0.0	-0.0	-22.5	-22.5
9	466116.55	5021358.47	92.20	0	8000	60.9	60.9	0.0	0.0	69.1	94.5	-1.1	0.0	0.0	0.0	0.0	-0.0	-101.6	-101.6

Point Source, ISO 9613, Name: "C&D - HVAC - 3", ID: "A_078"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466178.38	5021382.18	92.20	0	32	40.6	40.6	0.0	0.0	69.8	0.0	-4.0	0.0	0.0	0.0	0.0	-0.0	-25.3	-25.3
2	466178.38	5021382.18	92.20	0	63	55.8	55.8	0.0	0.0	69.8	0.1	-4.0	0.0	0.0	0.0	0.0	-0.0	-10.1	-10.1
3	466178.38	5021382.18	92.20	0	125	66.9	66.9	0.0	0.0	69.8	0.4	1.8	0.0	0.0	0.0	0.0	-0.0	-5.0	-5.0
4	466178.38	5021382.18	92.20	0	250	73.4	73.4	0.0	0.0	69.8	0.9	-0.1	0.0	0.0	0.0	0.0	-0.0	2.8	2.8
5	466178.38	5021382.18	92.20	0	500	75.8	75.8	0.0	0.0	69.8	1.7	-1.2	0.0	0.0	0.0	0.0	-0.0	5.5	5.5
6	466178.38	5021382.18	92.20	0	1000	79.0	79.0	0.0	0.0	69.8	3.2	-1.2	0.0	0.0	0.0	0.0	-0.0	7.2	7.2
7	466178.38	5021382.18	92.20	0	2000	75.2	75.2	0.0	0.0	69.8	8.4	-1.2	0.0	0.0	0.0	0.0	-0.0	-1.8	-1.8
8	466178.38	5021382.18	92.20	0	4000	72.0	72.0	0.0	0.0	69.8	28.5	-1.2	0.0	0.0	0.0	0.0	-0.0	-25.1	-25.1
9	466178.38	5021382.18	92.20	0	8000	60.9	60.9	0.0	0.0	69.8	101.5	-1.2	0.0	0.0	0.0	0.0	-0.0	-109.2	-109.2

Point Source, ISO 9613, Name: "C&D - HVAC - 4", ID: "A_079"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466168.64	5021413.10	92.20	0	32	40.6	40.6	0.0	0.0	69.9	0.0	-4.0	0.0	0.0	0.0	0.0	-0.0	-25.4	-25.4
2	466168.64	5021413.10	92.20	0	63	55.8	55.8	0.0	0.0	69.9	0.1	-4.0	0.0	0.0	0.0	0.0	-0.0	-10.3	-10.3
3	466168.64	5021413.10	92.20	0	125	66.9	66.9	0.0	0.0	69.9	0.4	1.8	0.0	0.0	0.0	0.0	-0.0	-5.2	-5.2
4	466168.64	5021413.10	92.20	0	250	73.4	73.4	0.0	0.0	69.9	0.9	-0.1	0.0	0.0	0.0	0.0	-0.0	2.6	2.6
5	466168.64	5021413.10	92.20	0	500	75.8	75.8	0.0	0.0	69.9	1.7	-1.2	0.0	0.0	0.0	0.0	-0.0	5.4	5.4
6	466168.64	5021413.10	92.20	0	1000	79.0	79.0	0.0	0.0	69.9	3.2	-1.2	0.0	0.0	0.0	0.0	-0.0	7.0	7.0
7	466168.64	5021413.10	92.20	0	2000	75.2	75.2	0.0	0.0	69.9	8.5	-1.2	0.0	0.0	0.0	0.0	-0.0	-2.1	-2.1
8	466168.64	5021413.10	92.20	0	4000	72.0	72.0	0.0	0.0	69.9	29.0	-1.2	0.0	0.0	0.0	0.0	-0.0	-25.7	-25.7
9	466168.64	5021413.10	92.20	0	8000	60.9	60.9	0.0	0.0	69.9	103.3	-1.2	0.0	0.0	0.0	0.0	-0.0	-111.1	-111.1

Point Source, ISO 9613, Name: "Mech - HVAC ", ID: "A_080"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466542.40	5021491.66	87.60	0	32	40.6	40.6	0.0	0.0	72.7	0.0	-4.9	0.0	0.0	0.0	0.0	-0.0	-27.3	-27.3
2	466542.40	5021491.66	87.60	0	63	55.8	55.8	0.0	0.0	72.7	0.2	-4.9	0.0	0.0	0.0	0.0	-0.0	-12.2	-12.2
3	466542.40	5021491.66	87.60	0	125	66.9	66.9	0.0	0.0	72.7	0.5	1.3	0.0	0.0	0.0	0.0	-0.0	-7.6	-7.6
4	466542.40	5021491.66	87.60	0	250	73.4	73.4	0.0	0.0	72.7	1.3	-0.7	0.0	0.0	0.0	0.0	-0.0	0.1	0.1
5	466542.40	5021491.66	87.60	0	500	75.8	75.8	0.0	0.0	72.7	2.3	-1.8	0.0	0.0	0.0	0.0	-0.0	2.5	2.5
6	466542.40	5021491.66	87.60	0	1000	79.0	79.0	0.0	0.0	72.7	4.5	-1.8	0.0	0.0	0.0	0.0	-0.0	3.6	3.6
7	466542.40	5021491.66	87.60	0	2000	75.2	75.2	0.0	0.0	72.7	11.8	-1.8	0.0	0.0	0.0	0.0	-0.0	-7.5	-7.5
8	466542.40	5021491.66	87.60	0	4000	72.0	72.0	0.0	0.0	72.7	39.9	-1.8	0.0	0.0	0.0	0.0	-0.0	-38.9	-38.9
9	466542.40	5021491.66	87.60	0	8000	60.9	60.9	0.0	0.0	72.7	142.4	-1.8	0.0	0.0	0.0	0.0	-0.0	-152.4	-152.4

Point Source, ISO 9613, Name: "HC Soil - HVAC - 1", ID: "A_081"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466349.50	5020956.25	87.50	0	32	40.6	40.6	0.0	0.0	69.2	0.0	-4.3	0.0	0.0	0.0	0.0	-0.0	-24.3	-24.3
2	466349.50	5020956.25	87.50	0	63	55.8	55.8	0.0	0.0	69.2	0.1	-4.3	0.0	0.0	0.0	0.0	-0.0	-9.2	-9.2
3	466349.50	5020956.25	87.50	0	125	66.9	66.9	0.0	0.0	69.2	0.3	1.9	0.0	0.0	0.0	0.0	-0.0	-4.6	-4.6
4	466349.50	5020956.25	87.50	0	250	73.4	73.4	0.0	0.0	69.2	0.9	0.1	0.0	0.0	0.0	0.0	-0.0	3.3	3.3
5	466349.50	5020956.25	87.50	0	500	75.8	75.8	0.0	0.0	69.2	1.6	-1.1	0.0	0.0	0.0	0.0	-0.0	6.1	6.1
6	466349.50	5020956.25	87.50	0	1000	79.0	79.0	0.0	0.0	69.2	3.0	-1.1	0.0	0.0	0.0	0.0	-0.0	7.9	7.9
7	466349.50	5020956.25	87.50	0	2000	75.2	75.2	0.0	0.0	69.2	7.8	-1.1	0.0	0.0	0.0	0.0	-0.0	-0.8	-0.8
8	466349.50	5020956.25	87.50	0	4000	72.0	72.0	0.0	0.0	69.2	26.6	-1.1	0.0	0.0	0.0	0.0	-0.0	-22.8	-22.8
9	466349.50	5020956.25	87.50	0	8000	60.9	60.9	0.0	0.0	69.2	94.9	-1.1	0.0	0.0	0.0	0.0	-0.0	-102.1	-102.1

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "HC Soil - HVAC - 2", ID: "A_082"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466372.39	5020950.13	87.50	0	32	40.6	40.6	0.0	0.0	69.4	0.0	-4.4	0.0	0.0	0.0	0.0	-0.0	-24.5	-24.5
2	466372.39	5020950.13	87.50	0	63	55.8	55.8	0.0	0.0	69.4	0.1	-4.4	0.0	0.0	0.0	0.0	-0.0	-9.4	-9.4
3	466372.39	5020950.13	87.50	0	125	66.9	66.9	0.0	0.0	69.4	0.3	1.9	0.0	0.0	0.0	0.0	-0.0	-4.8	-4.8
4	466372.39	5020950.13	87.50	0	250	73.4	73.4	0.0	0.0	69.4	0.9	0.0	0.0	0.0	0.0	0.0	-0.0	3.1	3.1
5	466372.39	5020950.13	87.50	0	500	75.8	75.8	0.0	0.0	69.4	1.6	-1.1	0.0	0.0	0.0	0.0	-0.0	5.9	5.9
6	466372.39	5020950.13	87.50	0	1000	79.0	79.0	0.0	0.0	69.4	3.0	-1.1	0.0	0.0	0.0	0.0	-0.0	7.6	7.6
7	466372.39	5020950.13	87.50	0	2000	75.2	75.2	0.0	0.0	69.4	8.1	-1.1	0.0	0.0	0.0	0.0	-0.0	-1.2	-1.2
8	466372.39	5020950.13	87.50	0	4000	72.0	72.0	0.0	0.0	69.4	27.3	-1.1	0.0	0.0	0.0	0.0	-0.0	-23.6	-23.6
9	466372.39	5020950.13	87.50	0	8000	60.9	60.9	0.0	0.0	69.4	97.4	-1.1	0.0	0.0	0.0	0.0	-0.0	-104.8	-104.8

Point Source, ISO 9613, Name: "Leachate - HVAC - 1", ID: "A_083"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466442.01	5021016.96	90.50	0	32	40.6	40.6	0.0	0.0	70.2	0.0	-4.2	0.0	0.0	0.0	0.0	-0.0	-25.5	-25.5
2	466442.01	5021016.96	90.50	0	63	55.8	55.8	0.0	0.0	70.2	0.1	-4.2	0.0	0.0	0.0	0.0	-0.0	-10.3	-10.3
3	466442.01	5021016.96	90.50	0	125	66.9	66.9	0.0	0.0	70.2	0.4	1.9	0.0	0.0	0.0	0.0	-0.0	-5.6	-5.6
4	466442.01	5021016.96	90.50	0	250	73.4	73.4	0.0	0.0	70.2	1.0	-0.0	0.0	0.0	0.0	0.0	-0.0	2.2	2.2
5	466442.01	5021016.96	90.50	0	500	75.8	75.8	0.0	0.0	70.2	1.8	-1.1	0.0	0.0	0.0	0.0	-0.0	4.9	4.9
6	466442.01	5021016.96	90.50	0	1000	79.0	79.0	0.0	0.0	70.2	3.3	-1.1	0.0	0.0	0.0	0.0	-0.0	6.5	6.5
7	466442.01	5021016.96	90.50	0	2000	75.2	75.2	0.0	0.0	70.2	8.9	-1.1	0.0	0.0	0.0	0.0	-0.0	-2.8	-2.8
8	466442.01	5021016.96	90.50	0	4000	72.0	72.0	0.0	0.0	70.2	30.0	-1.1	0.0	0.0	0.0	0.0	-0.0	-27.2	-27.2
9	466442.01	5021016.96	90.50	0	8000	60.9	60.9	0.0	0.0	70.2	107.1	-1.1	0.0	0.0	0.0	0.0	-0.0	-115.4	-115.4

Point Source, ISO 9613, Name: "Organic Pre Processing - HVAC - 2", ID: "A_084"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466480.57	5021193.62	90.50	0	32	40.6	40.6	0.0	0.0	71.1	0.0	-4.4	0.0	0.0	0.0	0.0	-0.0	-26.2	-26.2
2	466480.57	5021193.62	90.50	0	63	55.8	55.8	0.0	0.0	71.1	0.1	-4.4	0.0	0.0	0.0	0.0	-0.0	-11.1	-11.1
3	466480.57	5021193.62	90.50	0	125	66.9	66.9	0.0	0.0	71.1	0.4	1.8	0.0	0.0	0.0	0.0	-0.0	-6.4	-6.4
4	466480.57	5021193.62	90.50	0	250	73.4	73.4	0.0	0.0	71.1	1.1	-0.2	0.0	0.0	0.0	0.0	-0.0	1.4	1.4
5	466480.57	5021193.62	90.50	0	500	75.8	75.8	0.0	0.0	71.1	2.0	-1.3	0.0	0.0	0.0	0.0	-0.0	4.0	4.0
6	466480.57	5021193.62	90.50	0	1000	79.0	79.0	0.0	0.0	71.1	3.7	-1.3	0.0	0.0	0.0	0.0	-0.0	5.4	5.4
7	466480.57	5021193.62	90.50	0	2000	75.2	75.2	0.0	0.0	71.1	9.8	-1.3	0.0	0.0	0.0	0.0	-0.0	-4.5	-4.5
8	466480.57	5021193.62	90.50	0	4000	72.0	72.0	0.0	0.0	71.1	33.2	-1.3	0.0	0.0	0.0	0.0	-0.0	-31.1	-31.1
9	466480.57	5021193.62	90.50	0	8000	60.9	60.9	0.0	0.0	71.1	118.4	-1.3	0.0	0.0	0.0	0.0	-0.0	-127.4	-127.4

Point Source, ISO 9613, Name: "Organic Pre Processing - HVAC - 1", ID: "A_086"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466491.24	5021225.65	90.50	0	32	40.6	40.6	0.0	0.0	71.3	0.0	-4.4	0.0	0.0	0.0	0.0	-0.0	-26.3	-26.3
2	466491.24	5021225.65	90.50	0	63	55.8	55.8	0.0	0.0	71.3	0.1	-4.4	0.0	0.0	0.0	0.0	-0.0	-11.2	-11.2
3	466491.24	5021225.65	90.50	0	125	66.9	66.9	0.0	0.0	71.3	0.4	1.7	0.0	0.0	0.0	0.0	-0.0	-6.6	-6.6
4	466491.24	5021225.65	90.50	0	250	73.4	73.4	0.0	0.0	71.3	1.1	-0.2	0.0	0.0	0.0	0.0	-0.0	1.2	1.2
5	466491.24	5021225.65	90.50	0	500	75.8	75.8	0.0	0.0	71.3	2.0	-1.3	0.0	0.0	0.0	0.0	-0.0	3.8	3.8
6	466491.24	5021225.65	90.50	0	1000	79.0	79.0	0.0	0.0	71.3	3.8	-1.3	0.0	0.0	0.0	0.0	-0.0	5.2	5.2
7	466491.24	5021225.65	90.50	0	2000	75.2	75.2	0.0	0.0	71.3	10.0	-1.3	0.0	0.0	0.0	0.0	-0.0	-4.8	-4.8
8	466491.24	5021225.65	90.50	0	4000	72.0	72.0	0.0	0.0	71.3	34.0	-1.3	0.0	0.0	0.0	0.0	-0.0	-32.0	-32.0
9	466491.24	5021225.65	90.50	0	8000	60.9	60.9	0.0	0.0	71.3	121.2	-1.3	0.0	0.0	0.0	0.0	-0.0	-130.3	-130.3

Point Source, ISO 9613, Name: "EGP - HVAC ", ID: "A_087"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466691.98	5021389.85	84.50	0	32	40.6	40.6	0.0	0.0	73.2	0.0	-5.2	0.0	0.0	10.0	0.0	-0.0	-37.5	-37.5
2	466691.98	5021389.85	84.50	0	63	55.8	55.8	0.0	0.0	73.2	0.2	-5.2	0.0	0.0	10.0	0.0	-0.0	-22.4	-22.4
3	466691.98	5021389.85	84.50	0	125	66.9	66.9	0.0	0.0	73.2	0.5	2.0	0.0	0.0	2.9	0.0	-0.0	-11.8	-11.8
4	466691.98	5021389.85	84.50	0	250	73.4	73.4	0.0	0.0	73.2	1.4	-0.6	0.0	0.0	5.7	0.0	-0.0	-6.3	-6.3
5	466691.98	5021389.85	84.50	0	500	75.8	75.8	0.0	0.0	73.2	2.5	-1.8	0.0	0.0	7.2	0.0	-0.0	-5.4	-5.4
6	466691.98	5021389.85	84.50	0	1000	79.0	79.0	0.0	0.0	73.2	4.7	-1.8	0.0	0.0	7.9	0.0	-0.0	-5.1	-5.1
7	466691.98	5021389.85	84.50	0	2000	75.2	75.2	0.0	0.0	73.2	12.5	-1.8	0.0	0.0	8.9	0.0	-0.0	-17.7	-17.7
8	466691.98	5021389.85	84.50	0	4000	72.0	72.0	0.0	0.0	73.2	42.3	-1.8	0.0	0.0	10.5	0.0	-0.0	-52.3	-52.3
9	466691.98	5021389.85	84.50	0	8000	60.9	60.9	0.0	0.0	73.2	150.8	-1.8	0.0	0.0	12.5	0.0	-0.0	-173.9	-173.9

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "Soil Facility Truck Idle", ID: "A_088"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466282.56	5021185.11	79.50	0	32	59.1	59.1	0.0	0.0	69.4	0.0	-5.2	0.0	0.0	0.0	0.0	-0.0	-5.0	-5.0
2	466282.56	5021185.11	79.50	0	63	75.3	75.3	0.0	0.0	69.4	0.1	-5.2	0.0	0.0	0.0	0.0	-0.0	11.1	11.1
3	466282.56	5021185.11	79.50	0	125	77.4	77.4	0.0	0.0	69.4	0.3	3.5	0.0	0.0	0.0	0.0	-0.0	4.2	4.2
4	466282.56	5021185.11	79.50	0	250	83.9	83.9	0.0	0.0	69.4	0.9	2.0	0.0	0.0	0.0	0.0	-0.0	11.7	11.7
5	466282.56	5021185.11	79.50	0	500	84.3	84.3	0.0	0.0	69.4	1.6	-1.2	0.0	0.0	0.0	0.0	-0.0	14.5	14.5
6	466282.56	5021185.11	79.50	0	1000	90.5	90.5	0.0	0.0	69.4	3.0	-1.6	0.0	0.0	0.0	0.0	-0.0	19.7	19.7
7	466282.56	5021185.11	79.50	0	2000	96.7	96.7	0.0	0.0	69.4	8.1	-1.6	0.0	0.0	0.0	0.0	-0.0	20.9	20.9
8	466282.56	5021185.11	79.50	0	4000	85.5	85.5	0.0	0.0	69.4	27.3	-1.6	0.0	0.0	0.0	0.0	-0.0	-9.6	-9.6
9	466282.56	5021185.11	79.50	0	8000	73.4	73.4	0.0	0.0	69.4	97.3	-1.6	0.0	0.0	0.0	0.0	-0.0	-91.7	-91.7

Point Source, ISO 9613, Name: "Organics Facility Truck Idle", ID: "A_089"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466441.95	5021247.85	79.50	0	32	59.1	59.1	0.0	0.0	71.0	0.0	-5.4	0.0	0.0	10.1	0.0	-0.0	-16.7	-16.7
2	466441.95	5021247.85	79.50	0	63	75.3	75.3	0.0	0.0	71.0	0.1	-5.4	0.0	0.0	10.1	0.0	-0.0	-0.6	-0.6
3	466441.95	5021247.85	79.50	0	125	77.4	77.4	0.0	0.0	71.0	0.4	3.5	0.0	0.0	1.3	0.0	-0.0	1.2	1.2
4	466441.95	5021247.85	79.50	0	250	83.9	83.9	0.0	0.0	71.0	1.1	1.8	0.0	0.0	3.0	0.0	-0.0	7.1	7.1
5	466441.95	5021247.85	79.50	0	500	84.3	84.3	0.0	0.0	71.0	1.9	-1.4	0.0	0.0	6.1	0.0	-0.0	6.6	6.6
6	466441.95	5021247.85	79.50	0	1000	90.5	90.5	0.0	0.0	71.0	3.7	-1.7	0.0	0.0	6.5	0.0	-0.0	11.1	11.1
7	466441.95	5021247.85	79.50	0	2000	96.7	96.7	0.0	0.0	71.0	9.7	-1.8	0.0	0.0	6.5	0.0	-0.0	11.3	11.3
8	466441.95	5021247.85	79.50	0	4000	85.5	85.5	0.0	0.0	71.0	32.9	-1.8	0.0	0.0	6.5	0.0	-0.0	-23.1	-23.1
9	466441.95	5021247.85	79.50	0	8000	73.4	73.4	0.0	0.0	71.0	117.2	-1.8	0.0	0.0	6.5	0.0	-0.0	-119.6	-119.6

Point Source, ISO 9613, Name: "Secondary Reactor - Exhaust", ID: "A_090"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466667.79	5021386.47	89.00	0	32	49.6	49.6	0.0	0.0	73.1	0.0	-4.8	0.0	0.0	0.0	0.0	-0.0	-18.7	-18.7
2	466667.79	5021386.47	89.00	0	63	64.8	64.8	0.0	0.0	73.1	0.2	-4.8	0.0	0.0	0.0	0.0	-0.0	-3.6	-3.6
3	466667.79	5021386.47	89.00	0	125	75.9	75.9	0.0	0.0	73.1	0.5	1.5	0.0	0.0	0.0	0.0	-0.0	0.8	0.8
4	466667.79	5021386.47	89.00	0	250	81.4	81.4	0.0	0.0	73.1	1.3	-0.5	0.0	0.0	0.0	0.0	-0.0	7.5	7.5
5	466667.79	5021386.47	89.00	0	500	81.8	81.8	0.0	0.0	73.1	2.4	-1.6	0.0	0.0	0.0	0.0	-0.0	7.9	7.9
6	466667.79	5021386.47	89.00	0	1000	80.0	80.0	0.0	0.0	73.1	4.6	-1.6	0.0	0.0	0.0	0.0	-0.0	3.9	3.9
7	466667.79	5021386.47	89.00	0	2000	75.2	75.2	0.0	0.0	73.1	12.3	-1.6	0.0	0.0	0.0	0.0	-0.0	-8.5	-8.5
8	466667.79	5021386.47	89.00	0	4000	74.0	74.0	0.0	0.0	73.1	41.5	-1.6	0.0	0.0	0.0	0.0	-0.0	-39.0	-39.0
9	466667.79	5021386.47	89.00	0	8000	64.9	64.9	0.0	0.0	73.1	148.1	-1.6	0.0	0.0	0.0	0.0	-0.0	-154.7	-154.7

Point Source, ISO 9613, Name: "Secondary Reactor - HVAC ", ID: "A_091"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466672.48	5021373.85	88.50	0	32	40.6	40.6	0.0	0.0	73.0	0.0	-4.9	0.0	0.0	0.0	0.0	-0.0	-27.6	-27.6
2	466672.48	5021373.85	88.50	0	63	55.8	55.8	0.0	0.0	73.0	0.2	-4.9	0.0	0.0	0.0	0.0	-0.0	-12.6	-12.6
3	466672.48	5021373.85	88.50	0	125	66.9	66.9	0.0	0.0	73.0	0.5	1.5	0.0	0.0	0.0	0.0	-0.0	-8.2	-8.2
4	466672.48	5021373.85	88.50	0	250	73.4	73.4	0.0	0.0	73.0	1.3	-0.5	0.0	0.0	0.0	0.0	-0.0	-0.5	-0.5
5	466672.48	5021373.85	88.50	0	500	75.8	75.8	0.0	0.0	73.0	2.4	-1.6	0.0	0.0	0.0	0.0	-0.0	1.9	1.9
6	466672.48	5021373.85	88.50	0	1000	79.0	79.0	0.0	0.0	73.0	4.6	-1.6	0.0	0.0	0.0	0.0	-0.0	2.9	2.9
7	466672.48	5021373.85	88.50	0	2000	75.2	75.2	0.0	0.0	73.0	12.2	-1.6	0.0	0.0	0.0	0.0	-0.0	-8.5	-8.5
8	466672.48	5021373.85	88.50	0	4000	72.0	72.0	0.0	0.0	73.0	41.5	-1.6	0.0	0.0	0.0	0.0	-0.0	-40.9	-40.9
9	466672.48	5021373.85	88.50	0	8000	60.9	60.9	0.0	0.0	73.0	147.9	-1.6	0.0	0.0	0.0	0.0	-0.0	-158.5	-158.5

Point Source, ISO 9613, Name: "Leachate Truck Pump", ID: "A_092"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466464.52	5020979.69	79.50	0	32	63.6	63.6	0.0	0.0	70.4	0.0	-5.3	0.0	0.0	5.3	0.0	-0.0	-6.8	-6.8
2	466464.52	5020979.69	79.50	0	63	77.8	77.8	0.0	0.0	70.4	0.1	-5.3	0.0	0.0	5.6	0.0	-0.0	7.0	7.0
3	466464.52	5020979.69	79.50	0	125	90.9	90.9	0.0	0.0	70.4	0.4	3.5	0.0	0.0	0.8	0.0	-0.0	15.9	15.9
4	466464.52	5020979.69	79.50	0	250	90.4	90.4	0.0	0.0	70.4	1.0	1.9	0.0	0.0	2.5	0.0	-0.0	14.7	14.7
5	466464.52	5020979.69	79.50	0	500	98.8	98.8	0.0	0.0	70.4	1.8	-1.3	0.0	0.0	5.7	0.0	-0.0	22.2	22.2
6	466464.52	5020979.69	79.50	0	1000	105.0	105.0	0.0	0.0	70.4	3.4	-1.7	0.0	0.0	6.4	0.0	-0.0	26.5	26.5
7	466464.52	5020979.69	79.50	0	2000	107.2	107.2	0.0	0.0	70.4	9.0	-1.7	0.0	0.0	6.8	0.0	-0.0	22.7	22.7
8	466464.52	5020979.69	79.50	0	4000	102.0	102.0	0.0	0.0	70.4	30.4	-1.7	0.0	0.0	7.4	0.0	-0.0	-4.5	-4.5
9	466464.52	5020979.69	79.50	0	8000	97.9	97.9	0.0	0.0	70.4	108.6	-1.7	0.0	0.0	8.2	0.0	-0.0	-87.6	-87.6

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "Admin - HVAC - 1", ID: "A_093"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	465945.28	5021093.87	84.60	0	32	40.6	40.6	0.0	0.0	65.0	0.0	-3.8	0.0	0.0	0.0	0.0	-0.0	-20.6	-20.6
2	465945.28	5021093.87	84.60	0	63	55.8	55.8	0.0	0.0	65.0	0.1	-3.8	0.0	0.0	0.0	0.0	-0.0	-5.5	-5.5
3	465945.28	5021093.87	84.60	0	125	66.9	66.9	0.0	0.0	65.0	0.2	2.7	0.0	0.0	0.0	0.0	-0.0	-1.1	-1.1
4	465945.28	5021093.87	84.60	0	250	73.4	73.4	0.0	0.0	65.0	0.5	0.2	0.0	0.0	0.0	0.0	-0.0	7.6	7.6
5	465945.28	5021093.87	84.60	0	500	75.8	75.8	0.0	0.0	65.0	1.0	-0.9	0.0	0.0	0.0	0.0	-0.0	10.7	10.7
6	465945.28	5021093.87	84.60	0	1000	79.0	79.0	0.0	0.0	65.0	1.8	-0.9	0.0	0.0	0.0	0.0	-0.0	13.0	13.0
7	465945.28	5021093.87	84.60	0	2000	75.2	75.2	0.0	0.0	65.0	4.8	-0.9	0.0	0.0	0.0	0.0	-0.0	6.2	6.2
8	465945.28	5021093.87	84.60	0	4000	72.0	72.0	0.0	0.0	65.0	16.4	-0.9	0.0	0.0	0.0	0.0	-0.0	-8.6	-8.6
9	465945.28	5021093.87	84.60	0	8000	60.9	60.9	0.0	0.0	65.0	58.7	-0.9	0.0	0.0	0.0	0.0	-0.0	-61.9	-61.9

Point Source, ISO 9613, Name: "LeachateTruck Idle", ID: "A_094"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466458.31	5020977.67	79.50	0	32	59.1	59.1	0.0	0.0	70.3	0.0	-5.3	0.0	0.0	5.3	0.0	-0.0	-11.2	-11.2
2	466458.31	5020977.67	79.50	0	63	75.3	75.3	0.0	0.0	70.3	0.1	-5.3	0.0	0.0	5.8	0.0	-0.0	4.4	4.4
3	466458.31	5020977.67	79.50	0	125	77.4	77.4	0.0	0.0	70.3	0.4	3.5	0.0	0.0	0.8	0.0	-0.0	2.4	2.4
4	466458.31	5020977.67	79.50	0	250	83.9	83.9	0.0	0.0	70.3	1.0	1.9	0.0	0.0	2.6	0.0	-0.0	8.2	8.2
5	466458.31	5020977.67	79.50	0	500	84.3	84.3	0.0	0.0	70.3	1.8	-1.3	0.0	0.0	5.8	0.0	-0.0	7.7	7.7
6	466458.31	5020977.67	79.50	0	1000	90.5	90.5	0.0	0.0	70.3	3.4	-1.7	0.0	0.0	6.6	0.0	-0.0	11.9	11.9
7	466458.31	5020977.67	79.50	0	2000	96.7	96.7	0.0	0.0	70.3	8.9	-1.7	0.0	0.0	7.1	0.0	-0.0	12.1	12.1
8	466458.31	5020977.67	79.50	0	4000	85.5	85.5	0.0	0.0	70.3	30.2	-1.7	0.0	0.0	7.9	0.0	-0.0	-21.2	-21.2
9	466458.31	5020977.67	79.50	0	8000	73.4	73.4	0.0	0.0	70.3	107.9	-1.7	0.0	0.0	9.1	0.0	-0.0	-112.1	-112.1

Point Source, ISO 9613, Name: "Generator Exhaust - 1", ID: "A_095"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466695.31	5021355.38	89.50	0	32	58.6	58.6	0.0	0.0	73.1	0.0	-4.8	0.0	0.0	0.0	0.0	-0.0	-9.8	-9.8
2	466695.31	5021355.38	89.50	0	63	78.8	78.8	0.0	-0.4	73.1	0.2	-4.8	0.0	0.0	0.0	0.0	-0.0	9.9	9.9
3	466695.31	5021355.38	89.50	0	125	76.9	76.9	0.0	-2.3	73.1	0.5	1.5	0.0	0.0	0.0	0.0	-0.0	-0.5	-0.5
4	466695.31	5021355.38	89.50	0	250	71.4	71.4	0.0	-3.9	73.1	1.3	-0.5	0.0	0.0	0.0	0.0	-0.0	-6.5	-6.5
5	466695.31	5021355.38	89.50	0	500	62.8	62.8	0.0	-4.3	73.1	2.5	-1.6	0.0	0.0	0.0	0.0	-0.0	-15.5	-15.5
6	466695.31	5021355.38	89.50	0	1000	61.0	61.0	0.0	-5.9	73.1	4.7	-1.6	0.0	0.0	0.0	0.0	-0.0	-21.1	-21.1
7	466695.31	5021355.38	89.50	0	2000	60.2	60.2	0.0	-7.8	73.1	12.3	-1.6	0.0	0.0	0.0	0.0	-0.0	-31.5	-31.5
8	466695.31	5021355.38	89.50	0	4000	81.0	81.0	0.0	-8.6	73.1	41.8	-1.6	0.0	0.0	0.0	0.0	-0.0	-41.0	-41.0
9	466695.31	5021355.38	89.50	0	8000	81.9	81.9	0.0	-9.5	73.1	149.3	-1.6	0.0	0.0	0.0	0.0	-0.0	-148.4	-148.4

Point Source, ISO 9613, Name: "Generator Exhaust - 2", ID: "A_096"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466697.18	5021350.52	89.50	0	32	58.6	58.6	0.0	0.0	73.1	0.0	-4.8	0.0	0.0	9.6	0.0	-0.0	-19.3	-19.3
2	466697.18	5021350.52	89.50	0	63	78.8	78.8	0.0	-0.4	73.1	0.2	-4.8	0.0	0.0	9.6	0.0	-0.0	0.3	0.3
3	466697.18	5021350.52	89.50	0	125	76.9	76.9	0.0	-2.3	73.1	0.5	1.5	0.0	0.0	3.3	0.0	-0.0	-3.8	-3.8
4	466697.18	5021350.52	89.50	0	250	71.4	71.4	0.0	-3.9	73.1	1.3	-0.5	0.0	0.0	5.2	0.0	-0.0	-11.8	-11.8
5	466697.18	5021350.52	89.50	0	500	62.8	62.8	0.0	-4.3	73.1	2.5	-1.6	0.0	0.0	6.3	0.0	-0.0	-21.8	-21.8
6	466697.18	5021350.52	89.50	0	1000	61.0	61.0	0.0	-5.9	73.1	4.7	-1.6	0.0	0.0	6.3	0.0	-0.0	-27.5	-27.5
7	466697.18	5021350.52	89.50	0	2000	60.2	60.2	0.0	-7.8	73.1	12.3	-1.6	0.0	0.0	6.3	0.0	-0.0	-37.9	-37.9
8	466697.18	5021350.52	89.50	0	4000	81.0	81.0	0.0	-8.6	73.1	41.8	-1.6	0.0	0.0	6.3	0.0	-0.0	-47.4	-47.4
9	466697.18	5021350.52	89.50	0	8000	81.9	81.9	0.0	-9.5	73.1	149.2	-1.6	0.0	0.0	6.3	0.0	-0.0	-154.7	-154.7

Point Source, ISO 9613, Name: "Generator Exhaust - 3", ID: "A_097"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466698.85	5021346.36	89.50	0	32	58.6	58.6	0.0	0.0	73.1	0.0	-4.8	0.0	0.0	9.6	0.0	-0.0	-19.3	-19.3
2	466698.85	5021346.36	89.50	0	63	78.8	78.8	0.0	-0.4	73.1	0.2	-4.8	0.0	0.0	9.6	0.0	-0.0	0.3	0.3
3	466698.85	5021346.36	89.50	0	125	76.9	76.9	0.0	-2.3	73.1	0.5	1.5	0.0	0.0	3.3	0.0	-0.0	-3.8	-3.8
4	466698.85	5021346.36	89.50	0	250	71.4	71.4	0.0	-3.9	73.1	1.3	-0.5	0.0	0.0	5.2	0.0	-0.0	-11.8	-11.8
5	466698.85	5021346.36	89.50	0	500	62.8	62.8	0.0	-4.3	73.1	2.5	-1.6	0.0	0.0	6.3	0.0	-0.0	-21.8	-21.8
6	466698.85	5021346.36	89.50	0	1000	61.0	61.0	0.0	-5.9	73.1	4.7	-1.6	0.0	0.0	6.3	0.0	-0.0	-27.5	-27.5
7	466698.85	5021346.36	89.50	0	2000	60.2	60.2	0.0	-7.8	73.1	12.3	-1.6	0.0	0.0	6.3	0.0	-0.0	-37.8	-37.8
8	466698.85	5021346.36	89.50	0	4000	81.0	81.0	0.0	-8.6	73.1	41.8	-1.6	0.0	0.0	6.3	0.0	-0.0	-47.3	-47.3
9	466698.85	5021346.36	89.50	0	8000	81.9	81.9	0.0	-9.5	73.1	149.2	-1.6	0.0	0.0	6.3	0.0	-0.0	-154.6	-154.6



Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "Generator Exhaust - 4", ID: "A_098"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466700.56	5021341.41	89.50	0	32	58.6	58.6	0.0	0.0	73.1	0.0	-4.8	0.0	0.0	9.6	0.0	-0.0	-19.3	-19.3
2	466700.56	5021341.41	89.50	0	63	78.8	78.8	0.0	-0.4	73.1	0.2	-4.8	0.0	0.0	9.6	0.0	-0.0	0.3	0.3
3	466700.56	5021341.41	89.50	0	125	76.9	76.9	0.0	-2.3	73.1	0.5	1.5	0.0	0.0	3.3	0.0	-0.0	-3.8	-3.8
4	466700.56	5021341.41	89.50	0	250	71.4	71.4	0.0	-3.9	73.1	1.3	-0.5	0.0	0.0	5.2	0.0	-0.0	-11.7	-11.7
5	466700.56	5021341.41	89.50	0	500	62.8	62.8	0.0	-4.3	73.1	2.5	-1.6	0.0	0.0	6.3	0.0	-0.0	-21.8	-21.8
6	466700.56	5021341.41	89.50	0	1000	61.0	61.0	0.0	-5.9	73.1	4.7	-1.6	0.0	0.0	6.3	0.0	-0.0	-27.5	-27.5
7	466700.56	5021341.41	89.50	0	2000	60.2	60.2	0.0	-7.8	73.1	12.3	-1.6	0.0	0.0	6.3	0.0	-0.0	-37.8	-37.8
8	466700.56	5021341.41	89.50	0	4000	81.0	81.0	0.0	-8.6	73.1	41.8	-1.6	0.0	0.0	6.3	0.0	-0.0	-47.3	-47.3
9	466700.56	5021341.41	89.50	0	8000	81.9	81.9	0.0	-9.5	73.1	149.1	-1.6	0.0	0.0	6.3	0.0	-0.0	-154.5	-154.5

Point Source, ISO 9613, Name: "Generator Exhaust - 5", ID: "A_099"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466702.50	5021336.45	89.50	0	32	58.6	58.6	0.0	0.0	73.1	0.0	-4.8	0.0	0.0	9.6	0.0	-0.0	-19.3	-19.3
2	466702.50	5021336.45	89.50	0	63	78.8	78.8	0.0	-0.4	73.1	0.2	-4.8	0.0	0.0	9.6	0.0	-0.0	0.3	0.3
3	466702.50	5021336.45	89.50	0	125	76.9	76.9	0.0	-2.3	73.1	0.5	1.5	0.0	0.0	3.3	0.0	-0.0	-3.8	-3.8
4	466702.50	5021336.45	89.50	0	250	71.4	71.4	0.0	-3.9	73.1	1.3	-0.5	0.0	0.0	5.2	0.0	-0.0	-11.7	-11.7
5	466702.50	5021336.45	89.50	0	500	62.8	62.8	0.0	-4.3	73.1	2.5	-1.6	0.0	0.0	6.3	0.0	-0.0	-21.8	-21.8
6	466702.50	5021336.45	89.50	0	1000	61.0	61.0	0.0	-5.9	73.1	4.7	-1.6	0.0	0.0	6.3	0.0	-0.0	-27.4	-27.4
7	466702.50	5021336.45	89.50	0	2000	60.2	60.2	0.0	-7.8	73.1	12.3	-1.6	0.0	0.0	6.3	0.0	-0.0	-37.8	-37.8
8	466702.50	5021336.45	89.50	0	4000	81.0	81.0	0.0	-8.6	73.1	41.8	-1.6	0.0	0.0	6.3	0.0	-0.0	-47.3	-47.3
9	466702.50	5021336.45	89.50	0	8000	81.9	81.9	0.0	-9.5	73.1	149.0	-1.6	0.0	0.0	6.3	0.0	-0.0	-154.5	-154.5

Point Source, ISO 9613, Name: "Generator Exhaust - 6", ID: "A_100"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466704.06	5021332.51	89.50	0	32	58.6	58.6	0.0	0.0	73.1	0.0	-4.8	0.0	0.0	9.6	0.0	-0.0	-19.3	-19.3
2	466704.06	5021332.51	89.50	0	63	78.8	78.8	0.0	-0.4	73.1	0.2	-4.8	0.0	0.0	9.6	0.0	-0.0	0.3	0.3
3	466704.06	5021332.51	89.50	0	125	76.9	76.9	0.0	-2.3	73.1	0.5	1.5	0.0	0.0	3.3	0.0	-0.0	-3.8	-3.8
4	466704.06	5021332.51	89.50	0	250	71.4	71.4	0.0	-3.9	73.1	1.3	-0.5	0.0	0.0	5.2	0.0	-0.0	-11.7	-11.7
5	466704.06	5021332.51	89.50	0	500	62.8	62.8	0.0	-4.3	73.1	2.5	-1.6	0.0	0.0	6.3	0.0	-0.0	-21.8	-21.8
6	466704.06	5021332.51	89.50	0	1000	61.0	61.0	0.0	-5.9	73.1	4.7	-1.6	0.0	0.0	6.3	0.0	-0.0	-27.4	-27.4
7	466704.06	5021332.51	89.50	0	2000	60.2	60.2	0.0	-7.8	73.1	12.3	-1.6	0.0	0.0	6.3	0.0	-0.0	-37.8	-37.8
8	466704.06	5021332.51	89.50	0	4000	81.0	81.0	0.0	-8.6	73.1	41.8	-1.6	0.0	0.0	6.3	0.0	-0.0	-47.3	-47.3
9	466704.06	5021332.51	89.50	0	8000	81.9	81.9	0.0	-9.5	73.1	149.0	-1.6	0.0	0.0	6.3	0.0	-0.0	-154.5	-154.5

Point Source, ISO 9613, Name: "Generator Exhaust - 7", ID: "A_101"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466705.76	5021327.84	89.50	0	32	58.6	58.6	0.0	0.0	73.1	0.0	-4.8	0.0	0.0	9.6	0.0	-0.0	-19.3	-19.3
2	466705.76	5021327.84	89.50	0	63	78.8	78.8	0.0	-0.4	73.1	0.2	-4.8	0.0	0.0	9.6	0.0	-0.0	0.4	0.4
3	466705.76	5021327.84	89.50	0	125	76.9	76.9	0.0	-2.3	73.1	0.5	1.5	0.0	0.0	3.3	0.0	-0.0	-3.8	-3.8
4	466705.76	5021327.84	89.50	0	250	71.4	71.4	0.0	-3.9	73.1	1.3	-0.5	0.0	0.0	5.2	0.0	-0.0	-11.7	-11.7
5	466705.76	5021327.84	89.50	0	500	62.8	62.8	0.0	-4.3	73.1	2.5	-1.6	0.0	0.0	6.3	0.0	-0.0	-21.8	-21.8
6	466705.76	5021327.84	89.50	0	1000	61.0	61.0	0.0	-5.9	73.1	4.7	-1.6	0.0	0.0	6.3	0.0	-0.0	-27.4	-27.4
7	466705.76	5021327.84	89.50	0	2000	60.2	60.2	0.0	-7.8	73.1	12.3	-1.6	0.0	0.0	6.3	0.0	-0.0	-37.8	-37.8
8	466705.76	5021327.84	89.50	0	4000	81.0	81.0	0.0	-8.6	73.1	41.8	-1.6	0.0	0.0	6.3	0.0	-0.0	-47.3	-47.3
9	466705.76	5021327.84	89.50	0	8000	81.9	81.9	0.0	-9.5	73.1	148.9	-1.6	0.0	0.0	6.3	0.0	-0.0	-154.4	-154.4

Point Source, ISO 9613, Name: "Compost Excavator", ID: "A_102"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466363.94	5021106.28	83.50	0	32	61.6	61.6	0.0	0.0	69.8	0.0	-5.3	0.0	0.0	0.0	0.0	-0.0	-3.0	-3.0
2	466363.94	5021106.28	83.50	0	63	79.8	79.8	0.0	0.0	69.8	0.1	-5.3	0.0	0.0	0.0	0.0	-0.0	15.2	15.2
3	466363.94	5021106.28	83.50	0	125	86.9	86.9	0.0	0.0	69.8	0.4	3.5	0.0	0.0	0.0	0.0	-0.0	13.3	13.3
4	466363.94	5021106.28	83.50	0	250	96.4	96.4	0.0	0.0	69.8	0.9	1.9	0.0	0.0	0.0	0.0	-0.0	23.8	23.8
5	466363.94	5021106.28	83.50	0	500	96.8	96.8	0.0	0.0	69.8	1.7	-1.2	0.0	0.0	0.0	0.0	-0.0	26.6	26.6
6	466363.94	5021106.28	83.50	0	1000	96.0	96.0	0.0	0.0	69.8	3.2	-1.6	0.0	0.0	0.0	0.0	-0.0	24.6	24.6
7	466363.94	5021106.28	83.50	0	2000	98.2	98.2	0.0	0.0	69.8	8.4	-1.6	0.0	0.0	0.0	0.0	-0.0	21.6	21.6
8	466363.94	5021106.28	83.50	0	4000	92.0	92.0	0.0	0.0	69.8	28.6	-1.6	0.0	0.0	0.0	0.0	-0.0	-4.7	-4.7
9	466363.94	5021106.28	83.50	0	8000	81.9	81.9	0.0	0.0	69.8	101.9	-1.6	0.0	0.0	0.0	0.0	-0.0	-88.1	-88.1

Appendix G - Sample Calculation

Point Source, ISO 9613, Name: "Organics Loader", ID: "A_103"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466524.80	5021294.93	88.25	0	32	65.8	-88.0	0.0	0.0	71.8	0.0	-5.4	0.0	0.0	0.0	0.0	-0.0	-0.6	-88.0
2	466524.80	5021294.93	88.25	0	63	88.0	-88.0	0.0	0.0	71.8	0.1	-5.4	0.0	0.0	0.0	0.0	-0.0	21.5	-88.0
3	466524.80	5021294.93	88.25	0	125	90.1	-88.0	0.0	0.0	71.8	0.5	3.5	0.0	0.0	0.0	0.0	-0.0	14.4	-88.0
4	466524.80	5021294.93	88.25	0	250	86.6	-88.0	0.0	0.0	71.8	1.2	1.7	0.0	0.0	0.0	0.0	-0.0	11.9	-88.0
5	466524.80	5021294.93	88.25	0	500	90.0	-88.0	0.0	0.0	71.8	2.1	-1.4	0.0	0.0	0.0	0.0	-0.0	17.5	-88.0
6	466524.80	5021294.93	88.25	0	1000	92.2	-88.0	0.0	0.0	71.8	4.0	-1.8	0.0	0.0	0.0	0.0	-0.0	18.2	-88.0
7	466524.80	5021294.93	88.25	0	2000	92.4	-88.0	0.0	0.0	71.8	10.6	-1.8	0.0	0.0	0.0	0.0	-0.0	11.8	-88.0
8	466524.80	5021294.93	88.25	0	4000	87.2	-88.0	0.0	0.0	71.8	36.0	-1.8	0.0	0.0	0.0	0.0	-0.0	-18.8	-88.0
9	466524.80	5021294.93	88.25	0	8000	75.1	-88.0	0.0	0.0	71.8	128.3	-1.8	0.0	0.0	0.0	0.0	-0.0	-123.2	-88.0

Point Source, ISO 9613, Name: "Organics Excavator", ID: "A_104"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466572.36	5021166.67	88.25	0	32	50.8	-88.0	0.0	0.0	71.7	0.0	-5.4	0.0	0.0	0.0	0.0	-0.0	-15.5	-88.0
2	466572.36	5021166.67	88.25	0	63	69.0	-88.0	0.0	0.0	71.7	0.1	-5.4	0.0	0.0	0.0	0.0	-0.0	2.6	-88.0
3	466572.36	5021166.67	88.25	0	125	76.1	-88.0	0.0	0.0	71.7	0.5	3.5	0.0	0.0	0.0	0.0	-0.0	0.4	-88.0
4	466572.36	5021166.67	88.25	0	250	85.6	-88.0	0.0	0.0	71.7	1.1	1.7	0.0	0.0	0.0	0.0	-0.0	11.0	-88.0
5	466572.36	5021166.67	88.25	0	500	86.0	-88.0	0.0	0.0	71.7	2.1	-1.4	0.0	0.0	0.0	0.0	-0.0	13.6	-88.0
6	466572.36	5021166.67	88.25	0	1000	85.2	-88.0	0.0	0.0	71.7	4.0	-1.8	0.0	0.0	0.0	0.0	-0.0	11.3	-88.0
7	466572.36	5021166.67	88.25	0	2000	87.4	-88.0	0.0	0.0	71.7	10.5	-1.8	0.0	0.0	0.0	0.0	-0.0	7.0	-88.0
8	466572.36	5021166.67	88.25	0	4000	81.2	-88.0	0.0	0.0	71.7	35.6	-1.8	0.0	0.0	0.0	0.0	-0.0	-24.3	-88.0
9	466572.36	5021166.67	88.25	0	8000	71.1	-88.0	0.0	0.0	71.7	127.1	-1.8	0.0	0.0	0.0	0.0	-0.0	-125.9	-88.0

Point Source, ISO 9613, Name: "Organics Skidsteer (backhoe)", ID: "A_105"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466568.09	5021179.49	88.25	0	32	53.8	-88.0	0.0	0.0	71.7	0.0	-5.4	0.0	0.0	0.0	0.0	-0.0	-12.5	-88.0
2	466568.09	5021179.49	88.25	0	63	66.0	-88.0	0.0	0.0	71.7	0.1	-5.4	0.0	0.0	0.0	0.0	-0.0	-0.4	-88.0
3	466568.09	5021179.49	88.25	0	125	70.1	-88.0	0.0	0.0	71.7	0.5	3.5	0.0	0.0	0.0	0.0	-0.0	-5.6	-88.0
4	466568.09	5021179.49	88.25	0	250	65.6	-88.0	0.0	0.0	71.7	1.1	1.7	0.0	0.0	0.0	0.0	-0.0	-9.0	-88.0
5	466568.09	5021179.49	88.25	0	500	73.0	-88.0	0.0	0.0	71.7	2.1	-1.4	0.0	0.0	0.0	0.0	-0.0	0.6	-88.0
6	466568.09	5021179.49	88.25	0	1000	77.2	-88.0	0.0	0.0	71.7	4.0	-1.8	0.0	0.0	0.0	0.0	-0.0	3.3	-88.0
7	466568.09	5021179.49	88.25	0	2000	76.4	-88.0	0.0	0.0	71.7	10.5	-1.8	0.0	0.0	0.0	0.0	-0.0	-4.0	-88.0
8	466568.09	5021179.49	88.25	0	4000	68.2	-88.0	0.0	0.0	71.7	35.7	-1.8	0.0	0.0	0.0	0.0	-0.0	-37.4	-88.0
9	466568.09	5021179.49	88.25	0	8000	55.1	-88.0	0.0	0.0	71.7	127.2	-1.8	0.0	0.0	0.0	0.0	-0.0	-142.0	-88.0

Point Source, ISO 9613, Name: "Organics Dump Truck", ID: "A_106"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466528.54	5021285.30	88.25	0	32	52.3	-88.0	0.0	0.0	71.8	0.0	-5.4	0.0	0.0	0.0	0.0	-0.0	-14.1	-88.0
2	466528.54	5021285.30	88.25	0	63	67.5	-88.0	0.0	0.0	71.8	0.1	-5.4	0.0	0.0	0.0	0.0	-0.0	1.0	-88.0
3	466528.54	5021285.30	88.25	0	125	84.6	-88.0	0.0	0.0	71.8	0.5	3.5	0.0	0.0	0.0	0.0	-0.0	8.9	-88.0
4	466528.54	5021285.30	88.25	0	250	87.1	-88.0	0.0	0.0	71.8	1.1	1.7	0.0	0.0	0.0	0.0	-0.0	12.4	-88.0
5	466528.54	5021285.30	88.25	0	500	89.5	-88.0	0.0	0.0	71.8	2.1	-1.4	0.0	0.0	0.0	0.0	-0.0	17.0	-88.0
6	466528.54	5021285.30	88.25	0	1000	91.7	-88.0	0.0	0.0	71.8	4.0	-1.8	0.0	0.0	0.0	0.0	-0.0	17.7	-88.0
7	466528.54	5021285.30	88.25	0	2000	91.9	-88.0	0.0	0.0	71.8	10.6	-1.8	0.0	0.0	0.0	0.0	-0.0	11.3	-88.0
8	466528.54	5021285.30	88.25	0	4000	82.7	-88.0	0.0	0.0	71.8	35.9	-1.8	0.0	0.0	0.0	0.0	-0.0	-23.2	-88.0
9	466528.54	5021285.30	88.25	0	8000	79.6	-88.0	0.0	0.0	71.8	128.2	-1.8	0.0	0.0	0.0	0.0	-0.0	-118.6	-88.0

Point Source, ISO 9613, Name: "Organics Conveyor", ID: "A_107"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
1	466532.41	5021274.09	88.25	0	32	38.8	-88.0	0.0	0.0	71.8	0.0	-5.4	0.0	0.0	0.0	0.0	-0.0	-27.6	-88.0
2	466532.41	5021274.09	88.25	0	63	55.0	-88.0	0.0	0.0	71.8	0.1	-5.4	0.0	0.0	0.0	0.0	-0.0	-11.5	-88.0
3	466532.41	5021274.09	88.25	0	125	69.1	-88.0	0.0	0.0	71.8	0.5	3.5	0.0	0.0	0.0	0.0	-0.0	-6.6	-88.0
4	466532.41	5021274.09	88.25	0	250	75.6	-88.0	0.0	0.0	71.8	1.1	1.7	0.0	0.0	0.0	0.0	-0.0	0.9	-88.0
5	466532.41	5021274.09	88.25	0	500	78.0	-88.0	0.0	0.0	71.8	2.1	-1.4	0.0	0.0	0.0	0.0	-0.0	5.5	-88.0
6	466532.41	5021274.09	88.25	0	1000	77.2	-88.0	0.0	0.0	71.8	4.0	-1.8	0.0	0.0	0.0	0.0	-0.0	3.2	-88.0
7	466532.41	5021274.09	88.25	0	2000	75.4	-88.0	0.0	0.0	71.8	10.6	-1.8	0.0	0.0	0.0	0.0	-0.0	-5.1	-88.0
8	466532.41	5021274.09	88.25	0	4000	68.2	-88.0	0.0	0.0	71.8	35.9	-1.8	0.0	0.0	0.0	0.0	-0.0	-37.6	-88.0
9	466532.41	5021274.09	88.25	0	8000	59.1	-88.0	0.0	0.0	71.8	128.0	-1.8	0.0	0.0	0.0	0.0	-0.0	-138.9	-88.0























Appendix G - Sample Calculation

Line Source, ISO 9613, Name: "Leachate Truck Movements", ID: "A_120"																			
Nr.	X	Y	Z	Refl.	Freq.	LxT	LxN	K0	Dc	Adiv	Aatm	Agr	Afol	Ahous	Abar	Cmet	RL	LrT	LrN
	(m)	(m)	(m)		(Hz)	dB(A)	dB(A)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	(dB)	dB(A)	dB(A)
178	466315.47	5020899.99	79.50	0	2000	72.1	72.1	0.0	0.0	68.7	7.4	-1.5	0.0	0.0	0.0	0.0	-0.0	-2.5	-2.5
179	466315.47	5020899.99	79.50	0	4000	66.9	66.9	0.0	0.0	68.7	25.2	-1.5	0.0	0.0	0.0	0.0	-0.0	-25.5	-25.5
180	466315.47	5020899.99	79.50	0	8000	60.8	60.8	0.0	0.0	68.7	89.7	-1.5	0.0	0.0	0.0	0.0	-0.0	-96.1	-96.1
181	466195.57	5021166.42	79.50	0	32	30.5	30.5	0.0	0.0	68.5	0.0	-5.2	0.0	0.0	0.0	0.0	-0.0	-32.9	-32.9
182	466195.57	5021166.42	79.50	0	63	48.7	48.7	0.0	0.0	68.5	0.1	-5.2	0.0	0.0	0.0	0.0	-0.0	-14.7	-14.7
183	466195.57	5021166.42	79.50	0	125	59.8	59.8	0.0	0.0	68.5	0.3	3.3	0.0	0.0	0.0	0.0	-0.0	-12.3	-12.3
184	466195.57	5021166.42	79.50	0	250	63.3	63.3	0.0	0.0	68.5	0.8	2.0	0.0	0.0	0.0	0.0	-0.0	-7.9	-7.9
185	466195.57	5021166.42	79.50	0	500	63.7	63.7	0.0	0.0	68.5	1.4	-1.2	0.0	0.0	0.0	0.0	-0.0	-5.0	-5.0
186	466195.57	5021166.42	79.50	0	1000	70.9	70.9	0.0	0.0	68.5	2.7	-1.6	0.0	0.0	0.0	0.0	-0.0	1.3	1.3
187	466195.57	5021166.42	79.50	0	2000	71.1	71.1	0.0	0.0	68.5	7.2	-1.6	0.0	0.0	0.0	0.0	-0.0	-3.0	-3.0
188	466195.57	5021166.42	79.50	0	4000	65.9	65.9	0.0	0.0	68.5	24.5	-1.6	0.0	0.0	0.0	0.0	-0.0	-25.5	-25.5
189	466195.57	5021166.42	79.50	0	8000	59.8	59.8	0.0	0.0	68.5	87.5	-1.6	0.0	0.0	0.0	0.0	-0.0	-94.6	-94.6
190	466297.00	5020907.01	79.50	0	32	29.7	29.7	0.0	0.0	68.5	0.0	-5.2	0.0	0.0	0.0	0.0	-0.0	-33.6	-33.6
191	466297.00	5020907.01	79.50	0	63	47.9	47.9	0.0	0.0	68.5	0.1	-5.2	0.0	0.0	0.0	0.0	-0.0	-15.5	-15.5
192	466297.00	5020907.01	79.50	0	125	59.0	59.0	0.0	0.0	68.5	0.3	3.5	0.0	0.0	0.0	0.0	-0.0	-13.3	-13.3
193	466297.00	5020907.01	79.50	0	250	62.5	62.5	0.0	0.0	68.5	0.8	2.2	0.0	0.0	0.0	0.0	-0.0	-8.9	-8.9
194	466297.00	5020907.01	79.50	0	500	62.9	62.9	0.0	0.0	68.5	1.5	-1.1	0.0	0.0	0.0	0.0	-0.0	-6.0	-6.0
195	466297.00	5020907.01	79.50	0	1000	70.1	70.1	0.0	0.0	68.5	2.8	-1.5	0.0	0.0	0.0	0.0	-0.0	0.3	0.3
196	466297.00	5020907.01	79.50	0	2000	70.3	70.3	0.0	0.0	68.5	7.3	-1.5	0.0	0.0	0.0	0.0	-0.0	-4.0	-4.0
197	466297.00	5020907.01	79.50	0	4000	65.1	65.1	0.0	0.0	68.5	24.6	-1.5	0.0	0.0	0.0	0.0	-0.0	-26.5	-26.5
198	466297.00	5020907.01	79.50	0	8000	59.0	59.0	0.0	0.0	68.5	87.7	-1.5	0.0	0.0	0.0	0.0	-0.0	-95.8	-95.8
199	465970.06	5021049.98	79.50	0	32	25.6	25.6	0.0	0.0	64.9	0.0	-4.7	0.0	0.0	0.0	0.0	-0.0	-34.6	-34.6
200	465970.06	5021049.98	79.50	0	63	43.8	43.8	0.0	0.0	64.9	0.1	-4.7	0.0	0.0	0.0	0.0	-0.0	-16.4	-16.4
201	465970.06	5021049.98	79.50	0	125	54.9	54.9	0.0	0.0	64.9	0.2	3.8	0.0	0.0	0.0	0.0	-0.0	-14.0	-14.0
202	465970.06	5021049.98	79.50	0	250	58.4	58.4	0.0	0.0	64.9	0.5	3.6	0.0	0.0	0.0	0.0	-0.0	-10.6	-10.6
203	465970.06	5021049.98	79.50	0	500	58.8	58.8	0.0	0.0	64.9	1.0	-0.5	0.0	0.0	0.0	0.0	-0.0	-6.5	-6.5
204	465970.06	5021049.98	79.50	0	1000	66.0	66.0	0.0	0.0	64.9	1.8	-1.1	0.0	0.0	0.0	0.0	-0.0	0.4	0.4
205	465970.06	5021049.98	79.50	0	2000	66.2	66.2	0.0	0.0	64.9	4.8	-1.1	0.0	0.0	0.0	0.0	-0.0	-2.4	-2.4
206	465970.06	5021049.98	79.50	0	4000	61.0	61.0	0.0	0.0	64.9	16.2	-1.1	0.0	0.0	0.0	0.0	-0.0	-19.1	-19.1
207	465970.06	5021049.98	79.50	0	8000	54.9	54.9	0.0	0.0	64.9	57.9	-1.1	0.0	0.0	0.0	0.0	-0.0	-66.8	-66.8



# **ATTACHMENT H**

## **Noise Monitoring Data**

Date	Time	POR1		POR2		POR3	
		Leq	L90	Leq	L90	Leq	L90
23-Aug-13	12:00 AM	57	49	58	45	51	35
23-Aug-13	1:00 AM	55	46	56	43	48	34
23-Aug-13	2:00 AM	54	43	57	42	49	36
23-Aug-13	3:00 AM	53	42	57	42	49	38
23-Aug-13	4:00 AM	55	47	56	44	49	36
23-Aug-13	5:00 AM	59	54	64	49	58	44
23-Aug-13	6:00 AM	63	59	69	57	64	54
23-Aug-13	7:00 AM	62	58	69	55	64	54
23-Aug-13	8:00 AM	61	56	68	52	63	49
23-Aug-13	9:00 AM	61	56	67	52	61	47
23-Aug-13	10:00 AM	61	55	66	52	60	45
23-Aug-13	11:00 AM	60	54	67	51	60	46
23-Aug-13	12:00 PM	60	54	67	50	61	45
23-Aug-13	1:00 PM	61	54	67	54	64	59
23-Aug-13	2:00 PM	61	56	68	54	61	48
23-Aug-13	3:00 PM	63	57	69	56	62	50
23-Aug-13	4:00 PM	63	58	68	59	62	51
23-Aug-13	5:00 PM	63	58	68	58	62	51
23-Aug-13	6:00 PM	62	57	69	53	60	48
23-Aug-13	7:00 PM	62	58	65	51	58	45
23-Aug-13	8:00 PM	63	60	65	52	58	45
23-Aug-13	9:00 PM	63	59	63	52	56	43
23-Aug-13	10:00 PM	62	58	62	50	54	39
23-Aug-13	11:00 PM	61	56	61	48	54	37
24-Aug-13	12:00 AM	60	55	58	47	51	33
24-Aug-13	1:00 AM	58	50	55	44	47	30
24-Aug-13	2:00 AM	57	47	56	43	47	32
24-Aug-13	3:00 AM	55	45	52	41	47	29
24-Aug-13	4:00 AM	55	46	56	42	49	29
24-Aug-13	5:00 AM	58	52	58	45	52	35
24-Aug-13	6:00 AM	61	57	63	50	56	41
24-Aug-13	7:00 AM	61	56	65	50	59	44
24-Aug-13	8:00 AM	59	52	65	47	59	44
24-Aug-13	9:00 AM	59	52	66	48	59	45
24-Aug-13	10:00 AM	59	53	66	50	59	45
24-Aug-13	11:00 AM	59	54	66	53	59	47
24-Aug-13	12:00 PM	58	51	66	54	59	50
24-Aug-13	1:00 PM	58	52	67	56	60	51
24-Aug-13	2:00 PM	58	50	66	56	59	50
24-Aug-13	3:00 PM	59	49	66	56	60	50
24-Aug-13	4:00 PM	59	51	66	55	59	51
24-Aug-13	5:00 PM	58	52	66	48	59	47
24-Aug-13	6:00 PM	59	50	65	46	58	43
24-Aug-13	7:00 PM	61	57	64	48	57	43
24-Aug-13	8:00 PM	62	58	64	49	56	44
24-Aug-13	9:00 PM	61	58	64	48	56	43
24-Aug-13	10:00 PM	61	57	62	47	55	41
24-Aug-13	11:00 PM	60	56	61	46	54	39
25-Aug-13	12:00 AM	57	53	58	44	50	33
25-Aug-13	1:00 AM	55	48	56	40	49	32
25-Aug-13	2:00 AM	52	44	54	37	47	29
25-Aug-13	3:00 AM	52	41	56	36	51	28
25-Aug-13	4:00 AM	49	40	53	34	49	29

Date	Time	POR1		POR2		POR3	
		Leq	L90	Leq	L90	Leq	L90
25-Aug-13	5:00 AM	50	43	58	35	50	32
25-Aug-13	6:00 AM	53	45	59	41	53	35
25-Aug-13	7:00 AM	57	46	62	42	55	38
25-Aug-13	8:00 AM	57	46	63	41	56	36
25-Aug-13	9:00 AM	57	47	65	46	58	43
25-Aug-13	10:00 AM	58	49	66	53	59	48
25-Aug-13	11:00 AM	58	51	66	56	60	52
25-Aug-13	12:00 PM	59	51	67	56	60	53
25-Aug-13	1:00 PM	58	51	65	54	59	53
25-Aug-13	2:00 PM	58	50	66	56	61	54
25-Aug-13	3:00 PM	59	51	66	55	60	52
25-Aug-13	4:00 PM	59	51	66	54	59	50
25-Aug-13	5:00 PM	59	52	66	54	58	47
25-Aug-13	6:00 PM	60	50	65	46	57	44
25-Aug-13	7:00 PM	58	50	64	45	57	44
25-Aug-13	8:00 PM	57	49	63	50	56	48
25-Aug-13	9:00 PM	57	50	62	48	56	47
25-Aug-13	10:00 PM	55	48	61	47	53	43
25-Aug-13	11:00 PM	53	46	59	48	51	43
26-Aug-13	12:00 AM	49	44	56	49	50	45
26-Aug-13	1:00 AM	47	43	53	49	47	45
26-Aug-13	2:00 AM	48	43	54	50	47	44
26-Aug-13	3:00 AM	48	43	54	50	47	43
26-Aug-13	4:00 AM	50	44	56	47	51	43
26-Aug-13	5:00 AM	55	48	63	47	58	45
26-Aug-13	6:00 AM	58	52	68	54	63	53
26-Aug-13	7:00 AM	59	52	68	53	63	51
26-Aug-13	8:00 AM	59	51	68	51	62	49
26-Aug-13	9:00 AM	59	50	67	50	60	48
26-Aug-13	10:00 AM	59	52	67	51	61	48
26-Aug-13	11:00 AM	60	52	68	50	60	49
26-Aug-13	12:00 PM	58	51	67	49	60	49
26-Aug-13	1:00 PM	59	53	67	49	60	46
26-Aug-13	2:00 PM	61	53	67	49	61	48
26-Aug-13	3:00 PM	62	56	68	53	62	51
26-Aug-13	4:00 PM	64	57	69	57	63	54
26-Aug-13	5:00 PM	63	56	69	57	62	53
26-Aug-13	6:00 PM	60	51	67	50	60	47
26-Aug-13	7:00 PM	60	54	65	48	58	47
26-Aug-13	8:00 PM	60	55	63	51	56	49
26-Aug-13	9:00 PM	57	52	61	51	55	49
26-Aug-13	10:00 PM	56	51	61	50	54	49
26-Aug-13	11:00 PM	54	49	59	50	52	47
27-Aug-13	12:00 AM	53	50	56	50	51	48
27-Aug-13	1:00 AM	51	48	55	49	49	46
27-Aug-13	2:00 AM	50	48	53	48	49	46
27-Aug-13	3:00 AM	50	48	55	49	49	47
27-Aug-13	4:00 AM	50	45	56	47	52	46
27-Aug-13	5:00 AM	55	48	63	46	58	41
27-Aug-13	6:00 AM	59	54	69	54	63	54
27-Aug-13	7:00 AM	61	53	67	55	62	54
27-Aug-13	8:00 AM	61	51	67	51	61	46
27-Aug-13	9:00 AM	59	49	67	46	60	46



Date	Time	POR1		POR2		POR3	
		Leq	L90	Leq	L90	Leq	L90
27-Aug-13	10:00 AM	59	49	67	45	60	46
27-Aug-13	11:00 AM	58	49	67	47	60	44
27-Aug-13	12:00 PM	58	50	66	48	60	48
27-Aug-13	1:00 PM	59	49	67	53	60	48
27-Aug-13	2:00 PM	60	51	67	50	61	49
27-Aug-13	3:00 PM	62	53	69	54	61	51
27-Aug-13	4:00 PM	62	53	69	54	62	52
27-Aug-13	5:00 PM	62	51	68	55	61	51
27-Aug-13	6:00 PM	60	50	67	51	64	50
27-Aug-13	7:00 PM	58	49	65	46	58	43
27-Aug-13	8:00 PM	58	52	64	48	59	47
27-Aug-13	9:00 PM	58	52	62	49	56	47
27-Aug-13	10:00 PM	57	50	61	49	54	45
27-Aug-13	11:00 PM	55	49	58	48	51	46
28-Aug-13	12:00 AM	54	45	57	47	53	48
28-Aug-13	1:00 AM	51	41	56	46	51	48
28-Aug-13	2:00 AM	49	40	53	44	53	50
28-Aug-13	3:00 AM	50	40	50	43	48	43
28-Aug-13	4:00 AM	49	41	55	43	50	41
28-Aug-13	5:00 AM	54	46	65	44	59	41
28-Aug-13	6:00 AM	60	53	68	53	63	50
28-Aug-13	7:00 AM	61	53	67	52	62	51
28-Aug-13	8:00 AM	60	49	69	48	61	46
28-Aug-13	9:00 AM	62	51	68	47	60	41
28-Aug-13	10:00 AM	60	51	69	54	59	42
28-Aug-13	11:00 AM	61	50	68	48	60	44
28-Aug-13	12:00 PM	61	51	67	48	59	45
28-Aug-13	1:00 PM	61	49	68	48	60	47
28-Aug-13	2:00 PM	60	51	68	49	60	50
28-Aug-13	3:00 PM	61	52	68	50	61	51
28-Aug-13	4:00 PM	63	55	69	54	62	55
28-Aug-13	5:00 PM	62	56	69	55	62	54
28-Aug-13	6:00 PM	62	54	67	51	61	50
28-Aug-13	7:00 PM	61	56	64	49	59	45
28-Aug-13	8:00 PM	61	57	64	52	58	52
28-Aug-13	9:00 PM	60	56	64	53	58	53
28-Aug-13	10:00 PM	58	54	61	52	56	51
28-Aug-13	11:00 PM	56	49	59	51	55	51
29-Aug-13	12:00 AM	54	46	58	50	53	49
29-Aug-13	1:00 AM	51	45	56	49	52	47
29-Aug-13	2:00 AM	52	43	55	48	49	43
29-Aug-13	3:00 AM	51	44	55	48	49	46
29-Aug-13	4:00 AM	55	46	60	46	50	40
29-Aug-13	5:00 AM	58	52	64	49	58	43
29-Aug-13	6:00 AM	62	57	69	55	62	54
29-Aug-13	7:00 AM	61	56	69	54	63	54
29-Aug-13	8:00 AM	60	54	68	52	62	50
29-Aug-13	9:00 AM	61	55	67	52	60	44
29-Aug-13	10:00 AM	61	53	67	54	60	46
29-Aug-13	11:00 AM	61	54	67	56	60	48
29-Aug-13	12:00 PM	61	53	67	59	60	49



# **ATTACHMENT I**

## **STAMSON Calculations**

Filename: vl\_day.te Time Period: 1 hours  
Description: Vacant Lot - VL01 - Daytime

Road data, segment # 1: EB

-----  
Car traffic volume : 756 veh/TimePeriod  
Medium truck volume : 59 veh/TimePeriod  
Heavy truck volume : 25 veh/TimePeriod  
Posted speed limit : 100 km/h  
Road gradient : 0 %  
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 1: EB

-----  
Angle1 Angle2 : -90.00 deg 90.00 deg  
Wood depth : 0 (No woods.)  
No of house rows : 0  
Surface : 1 (Absorptive ground surface)  
Receiver source distance : 205.00 m  
Receiver height : 4.50 m  
Topography : 1 (Flat/gentle slope; no barrier)  
Reference angle : 0.00

Road data, segment # 2: WB

-----  
Car traffic volume : 756 veh/TimePeriod  
Medium truck volume : 59 veh/TimePeriod  
Heavy truck volume : 25 veh/TimePeriod  
Posted speed limit : 100 km/h  
Road gradient : 0 %  
Road pavement : 1 (Typical asphalt or concrete)

Data for Segment # 2: WB

-----  
Angle1 Angle2 : -90.00 deg 90.00 deg  
Wood depth : 0 (No woods.)  
No of house rows : 0  
Surface : 1 (Absorptive ground surface)  
Receiver source distance : 250.00 m  
Receiver height : 4.50 m  
Topography : 1 (Flat/gentle slope; no barrier)  
Reference angle : 0.00

Results segment # 1: EB

-----  
Source height = 1.31 m

ROAD (0.00 + 54.40 + 0.00) = 54.40 dBA  
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-----  
-90 90 0.58 73.61 0.00 -17.89 -1.31 0.00 0.00 0.00 54.40  
-----

Segment Leq : 54.40 dBA

Results segment # 2: WB

-----  
Source height = 1.31 m

ROAD (0.00 + 53.04 + 0.00) = 53.04 dBA  
Angle1 Angle2 Alpha RefLeq P.Adj D.Adj F.Adj W.Adj H.Adj B.Adj SubLeq

-----  
-90 90 0.58 73.61 0.00 -19.25 -1.31 0.00 0.00 0.00 53.04  
-----

Segment Leq : 53.04 dBA

Total Leq All Segments: 56.78 dBA

TOTAL Leq FROM ALL SOURCES: 56.78

As a global, employee-owned organisation with over 50 years of experience, Golder Associates is driven by our purpose to engineer earth's development while preserving earth's integrity. We deliver solutions that help our clients achieve their sustainable development goals by providing a wide range of independent consulting, design and construction services in our specialist areas of earth, environment and energy.

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