



5155 Dundas Street West,
P.O. Box 248,
Burlington, ON L7R 3Y2

Sound Level Monitoring Report

Equipment

Equipment	Piccolo II	SNPO216123199	
Calibration Certificate	P02QC201711130	SoftDB	13/11/2017
Last calibrated before	Model CA114	Serial # 500931	18/03/2019
Calibrated after	Model CA114	Serial # 500931	19/03/2019

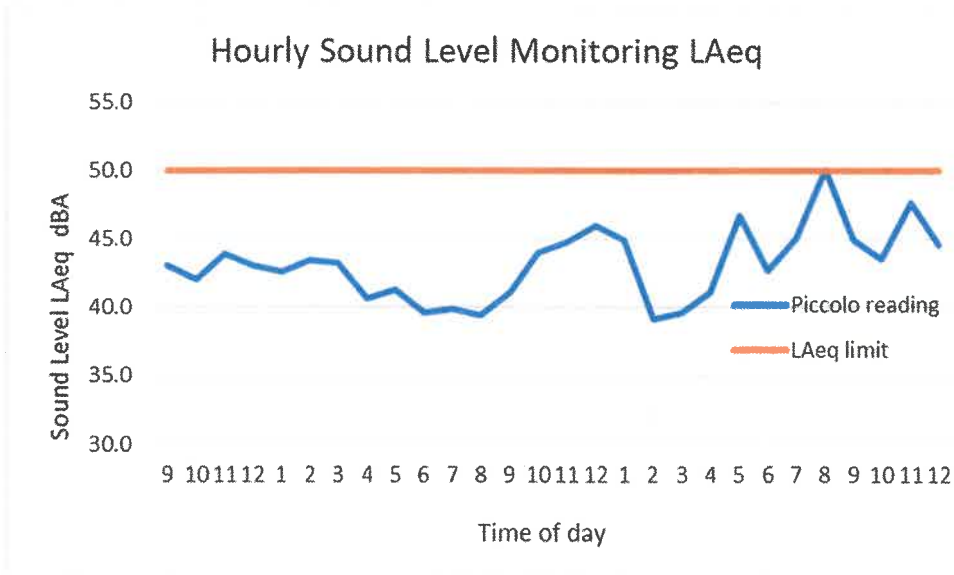
Monitoring Information

Monitored by	Patrick Kelly P.Eng Meridian Brick Canada Ltd
Location	East Quarry, Westhaven Dr, opp pedestrian access (see photo below) 30 paces from fence line, height 1.5 m
Date	Monday March 18, 2019 to Tuesday March 19, 2019
Weather	Temp high 4C low -3 C, wind 8 – 20 km/h NW, cloudy & sunny, snow dusting
Quarry activity	Shale extraction Centre Quarry, dozer, loader, trucks.
Construction activity	None
Settings	Duration – 60 min, Calibration – 94 dB, Input range – Low,
Settings	Freq Weight – dBA, SPL – Slow, FFT - Full
Limits - pt reception	Shale extraction; LAeq < 50 dBA, Construction; LAeq < 60 dBA, LAmx < 65 dBA

Results

#	Start Date	Start Time	End Time	Duration	LAeq
129	3/18/2019	9:00:02 AM	10:00:00 AM	0:59:58	43.1
130	3/18/2019	10:00:02 AM	11:00:00 AM	0:59:58	42.0
131	3/18/2019	11:00:02 AM	12:00:00 PM	0:59:58	43.9
132	3/18/2019	12:00:02 PM	1:00:00 PM	0:59:58	43.1
133	3/18/2019	1:00:02 PM	2:00:00 PM	0:59:58	42.6
134	3/18/2019	2:00:02 PM	3:00:00 PM	0:59:58	43.4
135	3/18/2019	3:00:02 PM	4:00:00 PM	0:59:58	43.2
136	3/18/2019	4:00:02 PM	5:00:00 PM	0:59:58	40.6
137	3/18/2019	5:00:02 PM	6:00:00 PM	0:59:58	41.3
138	3/18/2019	6:00:02 PM	7:00:00 PM	0:59:58	39.6
139	3/18/2019	7:00:02 PM	8:00:00 PM	0:59:58	39.9
140	3/18/2019	8:00:02 PM	9:00:00 PM	0:59:58	39.4

141	3/18/2019	9:00:02 PM	10:00:00 PM	0:59:58	41.1
142	3/18/2019	10:00:02 PM	11:00:00 PM	0:59:58	44.0
143	3/18/2019	11:00:02 PM	12:00:00 AM	0:59:58	44.7
144	3/19/2019	12:00:02 AM	1:00:00 AM	0:59:58	46.0
145	3/19/2019	1:00:02 AM	2:00:00 AM	0:59:58	44.9
146	3/19/2019	2:00:02 AM	3:00:00 AM	0:59:58	39.1
147	3/19/2019	3:00:02 AM	4:00:00 AM	0:59:58	39.6
148	3/19/2019	4:00:02 AM	5:00:00 AM	0:59:58	41.1
149	3/19/2019	5:00:02 AM	6:00:00 AM	0:59:58	46.7
150	3/19/2019	6:00:02 AM	7:00:00 AM	0:59:58	42.7
151	3/19/2019	7:00:02 AM	8:00:00 AM	0:59:58	45.0
152	3/19/2019	8:00:02 AM	9:00:00 AM	0:59:58	50.1
153	3/19/2019	9:00:02 AM	10:00:00 AM	0:59:58	44.9
154	3/19/2019	10:00:02 AM	11:00:00 AM	0:59:58	43.5
155	3/19/2019	11:00:02 AM	12:00:00 PM	0:59:58	47.6
156	3/19/2019	12:00:02 PM	1:00:00 PM	0:59:58	44.6




Comments.

When picking up Piccolo, heard small dog barking from one of the houses. This may be a source of sound recorded during previous session.

Location of monitoring station (black inked) and photo of Piccolo set up




Patrick Kelly P. Eng


Date