



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	26/03/2019
Calibrated after	Model CA114	Serial # 500931	27/03/2019

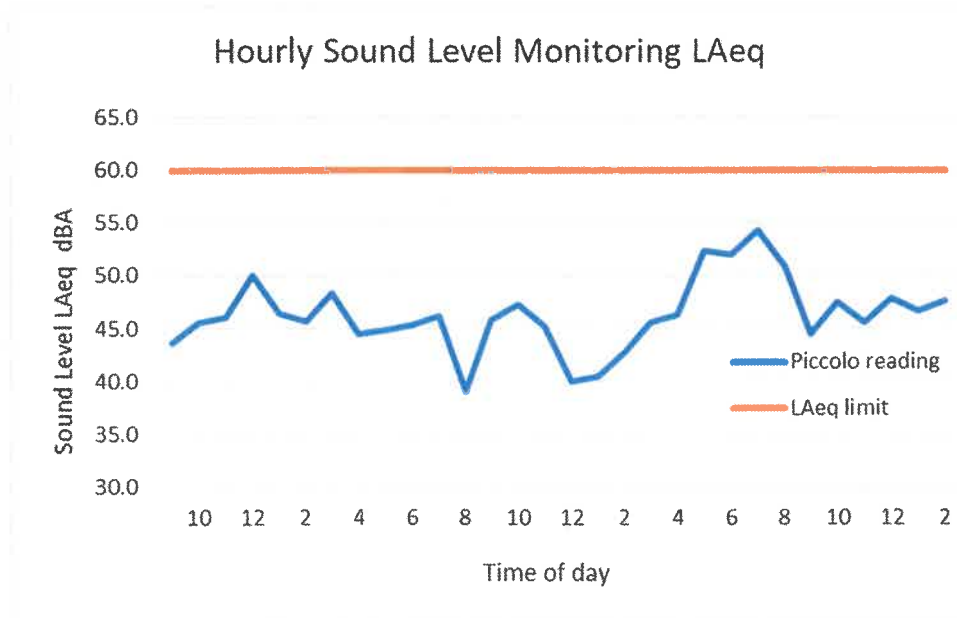
Monitoring Information

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
Dates	Tuesday March 26, 2019 to Wednesday March 27, 2019
Weather	Temp high 9C low -5 C, wind 8 – 20 km/h ESE, mostly sunny,
Quarry activity	No shale extraction Centre Quarry. Loader and trucks operating
Construction activity	Tree cutting in stage 1 – mulcher and chain saw
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
176	3/26/2019	9:00:02 AM	10:00:00 AM	0:59:58	43.6
177	3/26/2019	10:00:02 AM	11:00:00 AM	0:59:58	45.5
178	3/26/2019	11:00:02 AM	12:00:00 PM	0:59:58	46.0
179	3/26/2019	12:00:02 PM	1:00:00 PM	0:59:58	50.0
180	3/26/2019	1:00:02 PM	2:00:00 PM	0:59:58	46.4
181	3/26/2019	2:00:02 PM	3:00:00 PM	0:59:58	45.7
182	3/26/2019	3:00:02 PM	4:00:00 PM	0:59:58	48.4
183	3/26/2019	4:00:02 PM	5:00:00 PM	0:59:58	44.4
184	3/26/2019	5:00:02 PM	6:00:00 PM	0:59:58	44.8
185	3/26/2019	6:00:02 PM	7:00:00 PM	0:59:58	45.3
186	3/26/2019	7:00:02 PM	8:00:00 PM	0:59:58	46.2
187	3/26/2019	8:00:02 PM	9:00:00 PM	0:59:58	39.0

188	3/26/2019	9:00:02 PM	10:00:00 PM	0:59:58	45.8
189	3/26/2019	10:00:02 PM	11:00:00 PM	0:59:58	47.2
190	3/26/2019	11:00:02 PM	12:00:00 AM	0:59:58	45.2
191	3/27/2019	12:00:02 AM	1:00:00 AM	0:59:58	40.0
192	3/27/2019	1:00:02 AM	2:00:00 AM	0:59:58	40.5
193	3/27/2019	2:00:02 AM	3:00:00 AM	0:59:58	42.7
194	3/27/2019	3:00:02 AM	4:00:00 AM	0:59:58	45.5
195	3/27/2019	4:00:02 AM	5:00:00 AM	0:59:58	46.3
196	3/27/2019	5:00:02 AM	6:00:00 AM	0:59:58	52.4
197	3/27/2019	6:00:02 AM	7:00:00 AM	0:59:58	52.0
198	3/27/2019	7:00:02 AM	8:00:00 AM	0:59:58	54.3
199	3/27/2019	8:00:02 AM	9:00:00 AM	0:59:58	50.9
200	3/27/2019	9:00:02 AM	10:00:00 AM	0:59:58	44.4
201	3/27/2019	10:00:02 AM	11:00:00 AM	0:59:58	47.5
202	3/27/2019	11:00:02 AM	12:00:00 PM	0:59:58	45.5
203	3/27/2019	12:00:02 PM	1:00:00 PM	0:59:58	47.9
204	3/27/2019	1:00:02 PM	2:00:00 PM	0:59:58	46.7
205	3/27/2019	2:00:02 PM	3:00:00 PM	0:59:58	47.6



Comments.

All sound level readings (LAeq) less than the voluntary limit of 60 dBA.

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





Patrick Kelly P.Eng

MAR 27/2019

Date