

NOISE MONITORING RESULTS 2016-2017

Location 1 Tornatola Property Hitchcock Road - Noise Survey Results					
Date	Applicable Criterion Level	Measured Noise Level (LAeq,15min)	Measured LA90	Exceeding [dB]	NOTES (Full analysis of monitoring results are shown in the AEMR)
18 July 2016 Day-time hours	39 LAeq, 15min	48.8	38.8	9.8	Dominant noise source is that of road traffic noise. Quarry noise was not audible and not measurable.
19 July 2016 Night-time hours	35 LAeq, 15min	55.3	43.9	20.3	Dominant noise source is that of road traffic noise. Quarry noise was not audible and not measurable.
	45 LA1, 1min	55.5		10.5	
20 October 2016 Day-time hours	39 LAeq, 15min	46.8	39.7	7.8	Dominant noise source is that of road traffic and natural sounds. Quarry noise was not audible and not measurable.
20 October 2016 Night-time hours	35 LAeq, 15min	46.3	33.3	11.3	Dominant noise source is that of road traffic and natural sounds. Quarry noise was not audible and not measurable.
	45 LA1, 1min	53.6		8.6	
3 February 2017 Day-time hours	39 LAeq, 15min	51.1	38.3	12.1	Dominant noise source is that of road traffic noise. Quarry noise was not audible and not measurable.
3 February 2017 Night-time hours	35 LAeq, 15min	65.1	38.8	30.1	Dominant noise source was cicada noise. Quarry noise was not audible and not measurable.
	45 LA1, 1min	68.6		23.6	
1 June 2017 Day-time hours	39 LAeq, 15min	40.9	40	1.9	Dominant noise source is that of road traffic and natural sounds. Quarry noise was not audible and not measurable.
1 June 2017 Night-time hours	35 LAeq, 15min	49	48	14	Dominant noise source is that of road traffic. Quarry noise was not audible and not measurable.
	45 LA1, 1min	38.3		-7.7	

Location 2 Pignataro Property - Noise Survey Results					
Date	Applicable Criterion Level	Measured Noise Level (LAeq,15min)	Measured LA90	Exceeding [dB]	Note
18 July 2016 Day-time hours	42 LAeq, 15min	54.5	48.3	12.5	Dominant noise source is that of road traffic noise. Quarry noise was audible at times but not measurable.
19 July 2016 Night-time hours	35 LAeq, 15min	53.9	43.1	18.9	Dominant noise source is that of road traffic noise. Quarry noise was not audible and not measurable.
	45 LA1, 1min	52.4		7.4	
20 October 2016 Day-time hours	42 LAeq, 15min	50.1	40	8.1	Dominant noise source is that of road traffic and natural sounds. Quarry noise was not audible and not measurable.
20 October 2016 Night-time hours	35 LAeq, 15min	52	33.5	17	Dominant noise source is that of road traffic noise. Quarry noise was not audible and not measurable.
	45 LA1, 1min	62.6		17.6	
3 February 2017 Day-time hours	42 LAeq, 15min	47.6	36	5.6	Dominant noise source is that of road traffic noise. Quarry noise was not audible and not measurable.
3 February 2017 Night-time hours	35 LAeq, 15min	46.7	34.4	11.7	Dominant noise source is road traffic noise, cicada noise was also dominant at times during lulls in traffic. Quarry noise was not audible and not measurable.
	45 LA1, 1min	58.1		13.1	
1 June 2017 Day-time hours	42 LAeq, 15min	45.6	44.5	6.6	Dominant noise source is that of road traffic and natural sounds. Quarry noise was not audible and not measurable.
2 June 2017 Night-time hours	35 LAeq, 15min	50.6	49	15.6	Dominant noise source is that of road traffic. Quarry noise was not audible and not measurable.
	45 LA1, 1min	50		5	

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Location 3 Jurds Property - Noise Survey Results					
Date	Applicable Criterion Level	Measured Noise Level (LAeq,15min)	Measured LA90	Exceeding [dB]	Note
18 July 2016 Day-time hours	39 LAeq, 15min	57.5	43.3	18.5	Dominant noise source is that of road traffic noise. Quarry noise was audible at times but not measurable.
19 July 2016 Night-time hours	35 LAeq, 15min	57.7	43.3	22.7	Dominant noise source is that of road traffic noise. Quarry noise was audible at times but not measurable.
	45 LA1, 1min	61.7		16.7	
24 October 2016 Day-time hours	39 LAeq, 15min	55	37.3	16	Dominant noise source is that of road traffic and natural sounds. Quarry noise was audible but not measurable.
20 October 2016 Night-time hours	35 LAeq, 15min	56.5	33	21.5	Dominant noise source is that of road traffic noise. Quarry noise was not audible and not measurable.
	45 LA1, 1min	63.8		18.8	
3 February 2017 Day-time hours	39 LAeq, 15min	46	29.6	7	Dominant noise source is that of road traffic noise. Quarry noise was not audible and not measurable.
3 February 2017 Night-time hours	35 LAeq, 15min	52.1	29.7	17.1	Dominant noise source is road traffic noise, cicada noise was also dominant at times during lulls in traffic. Quarry noise was not audible and not measurable.
	45 LA1, 1min	65.4		20.4	
1 June 2017 Day-time hours	39 LAeq, 15min	39.2	39	0.2	Dominant noise source is traffic noise. Noisy minor bird call throughout monitoring period. Sound of machinery operating coming from Roberts Rd audible.
1 June 2017 Night-time hours	35 LAeq, 15min	40.8	40	5.8	Dominant noise source is traffic noise and natural sounds. Quarry noise was not audible and not measurable.
	45 LA1, 1min	53.6		8.3	

Location 4 Maroota Public School - Noise Survey Results					
Date	Applicable Criterion Level	Measured Noise Level (LAeq,1hour)	Measured LA90	Exceeding [dB]	Note
18 July 2016 Day-time hours	36 LAeq(1 hour)	47.3	43.4	11.3	Dominant noise sources is that of bird noise and other natural sounds. Non PF quarry noise was audible but not measurable.
24 October 2016 Day-time hours		43.3	39.6	7.3	Road traffic and natural sounds dominant noise sources. PF Quarry noise was audible but not measurable.
3 February 2017 Day-time hours		39.9	35.3	3.9	Dominant noise source is that of road traffic and natural sounds. Quarry noise was audible but not measurable.
1 June 2017 Day-time hours		46.2	45.1	10.2	Dominant noise source is traffic and natural sounds. Noise from school such as loud music, period bell and children playing in school yard. Quarry noise audible but not measurable.