

May 2017 Noise Monitoring

Contractor	Date of noise monitoring	Time of Noise Monitoring (24hr)	Location	Noise Monitoring Results						Comments
				Laeq	Lafmax	Lzpk	Lafmin	Laf10	Laf90	
Portion E - AFHJV	17/05/2017	14:04	1 Petticoat Lane (R1331)	62.3	75.1		49.7	66.5	52.5	Above NML 55dB(A) however below predicted cumulative Laeq 15 min of 66dB(A) during temporary jetty piling within MaCR noise assessment. Piling was dominant noise source.
Portion E - AFHJV	17/05/2017	10:48	8 Martin Road (R1283)	62	78.7		47.9	65.7	53.6	Above NML 55dB(A) and predicted cumulative Laeq 15 min of 61dB(A) during temporary jetty piling within MaCR noise assessment. However, local traffic and highway were also dominant noise sources.
Portion E - AFHJV	17/05/2017	13:07	40 Morpeth Street (R1396)	59.8	76.1		50.7	62.4	54.1	Above NML 55dB(A), however below cumulative Laeq 15 min of 63dB(A) during temporary jetty piling within MaCR noise assessment. However, local traffic and highway were also dominant noise sources. Tractor also operating at agricultural store adjacent to monitoring location. Some construction activities also occurring at Main Site Compound associated with the construction of piling pad and set up of crane.
Portion E - AFHJV	17/05/2017	14:34	19 James Creek Road (R1256)	51	69.9		45	51.6	46.4	Below NML 55dB(A) and cumulative Laeq 15 min of 57dB(A) during temporary jetty piling within MaCR noise assessment. However, local traffic and highway were also dominant noise sources. Construction activities occurring during monitoring was operation of grader at B4/5 works
Wave 3 - FKG	1/05/2017	12:00	DW1530	TBA	TBA	TBA	TBA	TBA	TBA	Noise and vibration monitoring undertaken at DW1530 during May will be reported in June Report, with results pending from noise consultant
Portion B - BMD	23/05/2017	8:00	9 Old Pacific Highway, Woombah, NSW	63.6	93.2		78.7			Noise monitoring following complaint. While noise monitoring results showed that the activity was above the noise management level, results were within the range predicted for the construction activity. Mitigation measures were in place in accordance with the environmental work method statement the works were being undertaken under.
Portion B - BMD	25/05/2017	18:08	Adjacent to Yamba Interchange (northbound on/off ramp)	57.9	70		50.5			Noise monitoring during extended hours work. Noise agreements were in place with nearby receivers to undertake these works.

Portion B - BMD	26/05/2017	7:43	40 Serpentine Channel North Bank Road, Chatsworth Island, NSW	51.8	72.1		43.7			<p>Noise monitoring following complaint.</p> <p>While noise monitoring results showed that the activity was above the noise management level, results were within the range predicted for the construction activity.</p> <p>Mitigation measures were in place in accordance with the environmental work method statement the works were being undertaken under and BMD are considering additional noise mitigation measures for future works that may affect this receiver.</p>
Wave 5A - Seymour Whyte	5/01/2017	14:17	15 Tallowood Lane	34.4	51.7		25.8	32.1	28.5	
Wave 5A - Seymour Whyte	5/10/2017	11:42	32 Old Six Mile Lane	48.7	75.7		39.6	46.9	43	
Wave 5A - Seymour Whyte	5/10/2017	10:37	970 Woolli Rd	42.6	59.6		26.7	34.5	29.2	
Wave 5A - Seymour Whyte	17/05/2017	13:12	2 Cakora St Tucabia	58.2	76.3		29.4	41.2	33.1	
Portion B - Davbridge	2/06/2017	18:00	Sensitive Receiver #1, Jacky Bulbin Road	52.3	58.9	81.7	43.2	54.7	48.9	Significant noise from Pacific Highway audible
Portion B - Davbridge	2/06/2017	18:19	Sensitive Receiver #1, Jacky Bulbin Road	54.1	78.3	93.1	39.9	55.7	47.6	As above. Concrete pour finished at 18:00, only cleanup of site occurring.
Portion B - Davbridge	18/06/2017	11:50	Sensitive Receiver #1, Jacky Bulbin Road	53.7	80.8	100	41.7	52.4	45.2	Significant noise from Pacific Highway audible. Pile hammering ceased.
Portion B - Davbridge	18/06/2017	13:12	Sensitive Receiver #1, Jacky Bulbin Road	52	86	100.3	45.6	54.7	48.6	As above. Pile hammering ceased.