

December 2017 Noise Monitoring



Contractor	Date of noise monitoring	Time of Noise Monitoring	Location	RBL (for OOHV noise monitoring)	Noise Monitoring Results						Comments
					Laeq	Lafmax	Lzpk	Lafmin	Laf10	Laf90	
BHAJV - Portion B Section 5	9/12/2017	5:15	49 Farlows Lane	49	25	47.6					Steel fixing work out of hours. No exceedances
BHAJV - Portion B Section 5	14/12/2017	5:00	49 Farlows Lane	49	40	95.7					Deck pour monitoring. Results affected by highway holiday traffic. No exceedances after removal of extraneous noise and no complaints from sensitive receptor
LLE - Portion F	11/12/2017	10:15	RRB-NMP01	42	59.7					49.6	RRB not audible during monitoring. Pacific Highway main contributing source with some input from nearby resident operating farming equipment.
LLE - Portion F	11/12/2017	11:15	RRB-NMP02	42	63.6					60.1	RRB not audible during monitoring. Pacific Highway main contributing source with some input from cicadas and wind in trees.
LLE - Portion F	11/12/2017	10:45	RRB-NMP03	42	58.4					54.3	RRB not audible during monitoring. Traffic on Evans Head Rd main contributing source with some input from nearby road works.
AFHJV - Portion E	6/12/2017	9:12am	35 James Creek Road		51.3	69		44.8	53.6	47.4	Below NML 55dB(A) and predicted cumulative LAeq 15 min of 57dB(A) during headstock within CCNVMP. Dominant noise source included local traffic and trucks on the Pacific Highway.
AFHJV - Portion E	6/12/2017	9:55am	40 Morpeth Street		54	69.2		40.8	56.5	46.8	Construction activity being monitored was headstock construction, dominant sources of noise was the Pacific Highway traffic 63.6dB(A) and an angle grinder being used at 38 Morpeth St 66.4dB(A). LAeq 15mins was below NML 55dB(A) and predicted cumulative LAeq 15min of 63 dB(A) for headstock works modelled within approved CCNVMP.
AFHJV - Portion E	6/12/2017	10:18am	8 Martins Road		50.2	62.8		37.4	54.3	40.8	Construction noise being monitored was headstock construction, however dominant noise source was Pacific Highway traffic 56.4dB(A). LAeq 15mins was below NML 55dB(A) and predicted cumulative LAeq 15min of 57 dB(A) for headstocks modelled within approved CCNVMP.
AFHJV - Portion E	6/12/2017	10:44am	1 Petticoat Lane		53.9	74.1		45.6	56.5	49	Below NML 55dB(A) and predicted cumulative LAeq 15 min of 71dB(A) during headstock within CCNVMP. Local traffic 65.4dB(A), Crane movement 60dB (A) and a Rooster 59dB(A) were the dominant noise sources.
Georgiou	16/12/2017	2:10pm	83 Smith Drive	62.8	59.8	87.5	101.2	44.1	59	48	OOHW Works - Monthly
Georgiou	16/12/2017	2:45pm	55 Pimlico road	58.3	57.2	70.6	98.4	43.8	56	45	OOHW Works - Monthly
Georgiou	19/12/2017	6:40am	83 Smith Drive	54.7	51.3	75.1	101.6	43.9	52	45	OOHW Works - Monthly
Georgiou	19/12/2017	6:15am	55 Pimlico road	51	49.8	72.6	99.8	40.2	49	41	OOHW Works - Monthly
Georgiou	19/12/2017	7:10pm	55 Pimlico Road	58.3	58.1	75.8	105.1	43.2	58	43	OOHW Works - Monthly
Georgiou	19/12/2017	7:35pm	83 Smith Drive	62.8	60.5	89.1	102.5	44.9	60	50	OOHW Works - Monthly
Georgiou	19/12/2017	3:15pm	83 Smith drive	62.8	59.1	77.6	111.2	45.1	59	47	Monthly monitoring
Georgiou	19/12/2017	3:45pm	55 Pimlico road	58.3	57.6	71.5	101.4	44.6	57	46	Monthly monitoring
BMD	7/12/2017	12.40pm	Receiver 1271 532B Yamba road	45	56.2	79.3		46.0	58.6	50.2	Traffic noise constant throughout record 47-69dBa. Construction audible but not registering above background traffic.
BMD	7/12/2017	1.15pm	Receiver R1396 Morpeth st Harwood	45	58.8	75.9		47.5	60.3	52.1	Highway traffic up to 74 dBA construction inaudible
BMD	7/12/2017	1.35pm	Receiver R1283 10 Martins Point rd Harwood	45	59.3	81.7		47.4	63.4	52.0	Highway constant background noise at 62-68dBa. Construction audible but not registering above background
BMD	8/12/2017	4.20pm	Receiver 1529 Mororo Road	39	53.8	85.7		43.0	54.6	46.9	Highway traffic up to 53 dBA construction inaudible. Excavator at Mororo 52dBa
BMD	7/12/2017	6.40pm	Receiver R1256 James Creek rd	44	46.2	70.8		37.8	47.8	40.2	OOHW Monitoring - Yamba Diversion Cows bellowing 46dBa; bird calls 41-57dBa; local traffic 56dBa. Highway audible but not registering on meter. Construction inaudible
BMD	7/12/2017	10.20pm	Receiver R1256 James Creek rd	39	44.9	63.6		39.2	46.6	41.8	OOHW Monitoring - Yamba Diversion Highway and Yamba road main influence on record; construction inaudible

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					Laeq	Lafmax	Lzpk	Lafmin	Laf10	Laf90	
BMD	11/12/2017	9.50am	Receiver R1256 James Creek rd	45	46.6	72.2		34.7	47.5	37.3	Local traffic 65dBa; chainsaw on adjoining property 47-50dBa; bird calls 60-70dBa
BMD	11/12/2017	6.30pm	34 Fishers lane	39	41.1	63.6		33.4	43.4	36.5	OOHV Monitoring - Pacific Widening Bird calls 42-49dBa; traffic on highway audible at 44dBa. Construction inaudible
BMD	12/12/2017	7.25am	Receiver R1331 petticoat lane Harwood	45	57.2	77.4		45.8	59.7	49.5	Reverse alarm from bridgeworks (not BMD) 65-71dBa; highway constant background noise at 60dBa; banging of timber/metal (not BMD) 55-60dBa
BMD	12/12/2017	1.10pm	Receiver R1523 Old pacific Highway Wombah	37	44.3	62.6		39.6	46.1	42.0	Traffic on pacific hwy and Iluka road main background noise at 44dba
BMD	12/12/2017	1:48pm	R1471 Old Pac Hwy	37	52.8	67.6		43.2	55.8	49.1	Construction audible - excavation 54-59dB, water cart, reverse alarms 53dB. Trucks on hwy 51dB. Ducks, chickens, dog barking - 59dB
BMD	14/12/2017	6.55pm	34 Fishers lane	39	50.7	82.3		37.9	45.6	40.3	OOHV Monitoring - Pacific Widening Bird calls up to 70dBa; highway constant hum at 45dBa; local traffic up to 75dBa. Construction inaudible
BMD	14/12/2017	10.10pm	34 Fishers lane	35	46.7	67.1		40.3	48.2	44.0	OOHV Monitoring - Pacific Widening Highway traffic mainly trucks main influence on record at 54dBa. Construction inaudible
BMD	15/12/2017	1.00pm	R1461 Chatsworth Road, Chatsworth	37	57.1	79		45.5	55.2	49.4	Highway traffic (50-52dB), noise from pad foot roller within Golding embankment works north of Clarence River (50-52dB); AFS reverse alarm and saw cutting/grinder (49-52dB); cars on Chatsworth Rd (72.5dB) dominant noise
BMD	15/12/2017	2.00pm	R1438 Pacific Hwy, Chatsworth	37	42.7	77.6		49.6	60.2	52.7	Construction noise inaudible. Laeq calculated as LA90 minus 10 = 42.7dB. Pacific Hwy traffic dominant noise source (53-56dB). Cicadas calling (55-60dB)
LendLease S10 & 11	21/12/2017	11:15	NMP01	41	45.9					44.1	Not audible. Farming activity in cane fields running firemans pump was main contributing source along with highway.
LendLease S10 & 11	21/12/2017	11:45	NMP02	41	60					49.8	Not audible. Highway traffic main contributing source.
LendLease S10 & 11	21/12/2017	12:05	NMP03	41	57					53.6	R2B main contributing source. Equipment viewed operating in the area 3 excavators, 2 Moxy's, 2 dozers, 2 scrapers, 1 roller, 2 water carts. Some input from Wardell Rd
LendLease S10 & 11	21/12/2017	12:30	NMP04	41	52.2					46.3	R2B main contributing source. Equipment viewed operating in the area 1 excavator, 1 dozer.
LendLease S10 & 11	21/12/2017	13:05	NMP05	41	N/A						Unable to take accurate reading due to resident mowing lawn at monitoring location.
LendLease S10 & 11	21/12/2017	13:25	NMP06	41	48.6					46	R2B main contributing source from mulcher operating in the area.
LendLease S10 & 11	21/12/2017	13:50	NMP07	41	54					48.9	Not audible. Highway traffic main contributing source.
LendLease S10 & 11	21/12/2017	14:20	NMP08	41	49.6					45	Not audible. Highway traffic main contributing source.
LendLease S10 & 11	21/12/2017	14:45	NMP09	41	51					44.2	Not audible. Highway traffic main contributing source.