

November 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	
Lendlease Engineering (S10 & 11)	24/11/2017	17:40	NMP01	41	45					39	Construction not audible.
Lendlease Engineering (S10 & 11)	24/11/2017	17:20	NMP02	41	62					53	Construction not audible.
Lendlease Engineering (S10 & 11)	24/11/2017	16:55	NMP03	36	45.8					42	R2B main contributing source. Ex and 2 moxys, grader, water cart and small backhoe operating in area.
Lendlease Engineering (S10 & 11)	24/11/2017	16:40	NMP04	36	43					39.7	R2B main contributing source. Small excavator operating in area.
Lendlease Engineering (S10 & 11)	24/11/2017	16:25	NMP05	41	51					40	Construction not audible.
Lendlease Engineering (S10 & 11)	24/11/2017	16:10	NMP06	41	47					44	Construction not audible.
Lendlease Engineering (S10 & 11)	24/11/2017	15:40	NMP07	41	50					47	Construction not audible.
Lendlease Engineering (S10 & 11)	24/11/2017	15:15	NMP08	41	48.5					44.2	Construction not audible.
Lendlease Engineering (S10 & 11)	24/11/2017	14:49	NMP09	41	58.5					43.8	Construction not audible.
AFS	19/11/2017	9:15am	Shark Creek Road		37.7						Bird life noise background noise next to creek
Georgiou	15/11/2017	6:35am	83 Smith Drive	NCL - 54.7	52.4	74.9	100.3	44.2	52	46	OOHW Works - Monthly
Georgiou	15/11/2017	6:10am	55 Pimlico road	NCL - 51	50.6	71.2	97.3	41.2	49	42	OOHW Works - Monthly
Georgiou	16/11/2017	7:00pm	55 Pimlico Road	NCL - 58.3	57.7	73.9	104.2	42.6	57	44	OOHW Works - Monthly
Georgiou	16/11/2017	7:30pm	83 Smith Drive	NCL - 62.8	61.9	93.6	101.5	45.3	61	51	OOHW Works - Monthly
Georgiou	18/11/2017	2pm	83 Smith Drive	NCL - 62.8	60.3	91.9	99.8	45.7	59	49	OOHW Works - Monthly
Georgiou	18/11/2017	2:35pm	55 Pimlico road	NCL - 58.3	56.4	72.2	98.3	43.3	55	45	OOHW Works - Monthly
Georgiou	22/11/2017	10:35am	83 Smith drive	NCL - 62.8	58.4	71.5	102.9	44.9	58	47	Monthly monitoring
Georgiou	22/11/2017	11:05am	55 Pimlico road	NCL - 58.3	58.2	83.6	113.4	45.8	57	48	Monthly monitoring
Golding	14/11/2017	2015	Chatsworth Rd East Residence		54.5	63.8		47.5	56.7	50.9	Ambient reading prior to works commencing
Golding	14/11/2017	midnight	Chatsworth Rd East Residence		57.2	76.1		48.8	59.4	52.1	Several trucks used compression brakes. Trucks were public trucks, not associated with the works. Linemarking works werw being undertaken at the southern end of the job closest to the monitoring point at time of reading. High volume and ratio of public B-Doubles not associaed with the works during both reading times. Monitoring officer could not hear any noise from the works. No residents appeared to be home at time of monitoring.
Lendlease Engineering (Portion F)	4/11/2017	9:00	RRB-NMP01	42	58.9					46.8	Traffic on Highway, wind audible from trees near by. Bridge not audible during reading
Lendlease Engineering (Portion F)	4/11/2017	11:00	RRB-NMP02	42	58.6					51.7	Traffic on Highway, wind audible from trees near by. Bridge not audible during reading
Lendlease Engineering (Portion F)	4/11/2017	10:30	RRB-NMP03	42	54.8					46.7	Traffic on Highway, wind audible from trees near by. Bridge not audible during reading
BMD	8/11/2017	18:22	Serpentine channel southbank rd	39	47.1	67		39.6	50.2		Asphalt tie-in for Harwood Diversion North
BMD	14/11/2017	18:12	James creek road	44	41	61.8		35.3	43.1		Asphalt tie-in for Yamba Diversion South
BMD	14/11/2017	22:19	James creek road	39	47.9	56.2		37.5	50.6		Asphalt tie-in for Yamba Diversion South
BMD	27/11/2017	19:04	James creek road	44	44.6	56.4		33	44.6		Asphalting works at Yamba Diversion South
BMD	27/11/2017	22:00	James creek road	39	49.1	53.5		42.8	50.4		Asphalting works at Yamba Diversion South
BMD	29/11/2017	7.32am	Receiver 1529 Mororo Road	46	54	67.4		43.2	59		Monthly noise monitoring
BMD	29/11/2017	8.03am	Receiver R1523 Iluka Road Wombah	37	45.8	80.4		36	47.9		Monthly noise monitoring
BMD	29/11/2017	8.45am	Receiver R1471 Old pacific Highway Wombah	37	52.9	68.1		43.4	56		Monthly noise monitoring
BMD	29/11/2017	12.45pm	Receiver R1461 Chatsworth Road	37	56.4	78.3		38.4	55.8		Monthly noise monitoring
BMD	29/11/2017	1.03pm	Receiver R1457 380 Chatsworth Road	37	57.9	81.7		38.7	59.2		Monthly noise monitoring
BMD	29/11/2017	1.35pm	Receiver R1438 Pacific highway Chatsworth	37	57.5	68.4		44.2	61.3		Monthly noise monitoring

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BMD	29/11/2017	2.02pm	Receiver R1396 Morpeth st Harwood	45	56.5	72.6		47.6	59.5		Monthly noise monitoring
BMD	29/11/2017	2.24pm	Receiver R1283 10 Martins Point rd Harwood	45	57.9	79.7		44.1	56.6		Monthly noise monitoring
BMD	29/11/2017	2.46pm	Receiver R1331 petticoat lane Harwood	45	55.7	83.5		47.6	56.7		Monthly noise monitoring
BMD	29/11/2017	4.03pm	Receiver R1256 James Creek rd	45	43.8	64.2		34.7	45.3		Monthly noise monitoring
BMD	29/11/2017	4.20pm	Receiver 1271 532B Yamba road	45	58.6	66.5		49.6	61.1		Monthly noise monitoring
Davbridge	19/11/2017	8:21	Noise Sensitive Receiver #2	42	38.3	66.2	89.7	28.9	50.3	36.1	
Davbridge	19/11/2017	14:25	Noise Sensitive Receiver #2	42	38.6	69.2	97.4	32.8	46.7	36.5	
AFHJV	15/11/2017	9:12am	35 James Creek Road	45	50.8	66		44.6	52.4	47.4	Below NML 55dB(A) and predicted cumulative LAeq 15 min of 58dB(A) during bridge impact pile driving within NVMP. Dominant noise source was demucking at Pier 3B 65dB(A)
AFHJV	15/11/2017	9:55am	40 Morpeth Street	45	50.4	61.2		41.7	53.2	45.4	Construction noise being monitored was Northern abutment works, dominant sources of noise was the Pacific Highway traffic 59dB(A) and local traffic 57dB(A). Below NML 55dB(A) and above predicted cumulative LAeq 15min of 57 dB(A) for abutment works modelled within approved CCNVMP.
AFHJV	15/11/2017	10:18am	8 Martins Road	45	50.4	70.1		42.8	52.1	45.9	Construction noise being monitored was headstock, however dominant noise source was Pacific Highway traffic 53.7dB(A) and birds 67dB(A). Below NML 55dB(A) and predicted cumulative LAeq 15min of 57 dB(A) for headstocks modelled within approved CCNVMP.
AFHJV	15/11/2017	10:44am	1 Petticoat Lane	45	53.9	61.5		43.4	57.1	47.8	Below NML 55dB(A) and below predicted cumulative LAeq 15 min of 71dB(A) during headstock within NVMP. Sandblasting formwork headstock 59.3dB(A) was dominant noise source.