

December 2018 Noise Monitoring



Licensee: Laing O'Rourke Australia Construction Pty Ltd

Premises: Woolgoolga to Ballina Pacific Highway Upgrade Project, Harwood NSW 2465

Licence No: 20713

Contractor	Type of Noise Monitoring - Monthly or OOHW	Date of noise monitoring	Time of Noise Monitoring	Location	RBL (for OOHW noise monitoring)	Noise Monitoring Results						Comments
						Laeq	Lafmax	Lzpk	Lafmin	Laf10	Laf90	
BMD Constructions	OoHW	13/12/2018	18:40	Chainage: 97100 Cane pad opposite works	42	60.7	75.4		39.3	65.9	44.6	Wind and Pacific Highway traffic main influence on record. Traffic up to 65 dB(A) with peaks at 75dB(A). Construction inaudible. 'Monthly noise monitoring not yet conducted for December'.
SEE Civil	OOHW	3/12/2018	20:30	Close dwelling on Jubilee Street	44	57.9	78.1		49.6	60.2	53.3	Main noise sources were traffic noise from the highway to the west (audibly louder than construction works). Exceedance of RBL by 13.9dB is not considered to be attributable to construction as noise from works only slightly audible when traffic subsided (approx 2 - 3 times during monitoring).
SEE Civil	OOHW	19/12/2018	6:50	Lot 1 on DP603531 Tyndale	38	53.3	66.1		40.8	57.6	45.4	Main noise sources were traffic noise from the highway to the west. Truck hauling audible after 7:00am
SEE Civil	OOHW	3/12/2018	18:20	Skye Place, Townsend	44	50.6	73.7		36.5	52.1	41.3	Main noise source was traffic noise from the highway to the west and kids playing nearby to the monitor. Exceedance of NML by 6.6dB is not considered to be attributable to construction, as works were not audible above ambient noise at any time during the monitoring event.
SEE Civil	OOHW	6/12/2018	18:20	Close dwelling on Jubilee Street	44	52.9	74.4		37.8	57.5	52.4	Main noise sources were traffic noise from the highway to the west. Exceedance of RBL by 5.4dB in not considered to be attributable to construction as noise from works was not audible at any time during monitoring.
SEE Civil	OOHW	14/12/2018	6:45	Old Pacific Highway - close receiver located - Lot 60 on DP802939	35	49.6	71.3		39.4	52.5	42.7	Main noise source was traffic noise from the existing and old Pacific highway located directly to the west. Exceedance of NML by 14.6dB is not considered to be attributable to construction, as works were not audible above highway noise at any time during the monitoring event. approx 30 - 50 cars passed close by during the monitoring event
LendLease	Monthly	13/12/2018	7:45	NMP01 (10950 Pacific Highway)	41	48.9	66.8	90.2	34.9	51.9	42.4	Main contributing noise source: Traffic & Birds No R2B construction activities audible
LendLease	Monthly	13/12/2018	8:09	NMP02 (1184 Pacific Highway)	41	39.1	66.4	88	33.2	39	34.9	Main contributing noise source: Traffic & Cicadas No R2B construction activities audible
LendLease	Monthly	12/12/2018	17:35	NMP03 (1202 Wardell Rd)(R242)	41							Main Contributing noise source: R2B construction activities Extraneous noise sources: Cicadas, Wind in trees, local traffic & birds Reading was below modelled/approved noise scenario as detailed within the CCNVMP.
LendLease	Monthly	12/12/2018	17:15	NMP04 (1175 Wardell Rd)(R245)	41	55.7	73.5	93.3	42.6	59.1	46.7	Main contributing noise source: Traffic & Cicadas No R2B construction activities audible
LendLease	Monthly	12/12/2018	16:17	NMP05 (848 Pimlico Rd)	41	52.8	75.2	89.9	42.8	52.4	45.2	Main contributing noise source: Traffic, wind in trees No R2B construction activities audible
LendLease	Monthly	12/12/2018	16:45	NMP06 (109 Meridian Drive)	41	52.8	72.9	89.6	46.4	53.9	48.8	Main contributing noise source: Traffic, Birds, two cars used local road during reading No R2B construction activities audible
LendLease	Monthly	12/12/2018	15:52	NMP07 (3 McAndrews Lane)	41	53.3	73.8	97.1	43.5	55	48.4	Main contributing noise source: Traffic Pac Highway No R2B construction activities audible
LendLease	Monthly	12/12/2018	15:32	NMP08 (55 Whytes Lane West)	41	49.9	61.4	95.8	40.9	52.1	45.4	Main contributing noise source: Traffic Pac Highway No R2B construction activities audible
LendLease	Monthly	12/12/2018	15:00	NMP09 (151 Uralba Rd)	41	64.3	79.6	95.8	46.3	67.6	54.4	Main contributing noise source: Traffic No R2B construction activities audible
LendLease	OOHW	12/12/2018	18:10	R97 (Whytes lane West)	46	45.6	62.7	93.4	37.7	48	41.6	R2B not audible during reading. Main contributing source Pac Highway.
LendLease	OOHW	18/12/2018	18:17	R250 (36 Thurgates Lane)	46	41.9	59.6	76.7	32.4	47.6	35.3	R2B not audible during reading. Main contributing source birds, distant traffic and wind in trees.
LendLease	OOHW	18/12/2018	18:40	R215 (106 Thurgates Lane)	46	42.4	72	91.1	32.8	44.7	35.9	R2B audible during reading (concrete cutting of pavement) Extraneous noise sources: birds, wind in trees, distant traffic
LendLease	OOHW	19/12/2018	6:25	R239 (10 Hillside Lane)	40	46.1	66.3	78.9	40.7	47.9	42.7	R2B audible during reading (batch plant operations) Extraneous noise sources: birds, wind in trees, distant traffic Reading was below modelled/approved noise scenario as detailed within the CCNVMP
Quickway	Monthly	10/12/2018	10:05	X: 542569, Y: 6798844, 1202 Wardell Rd	41	63.3	93.6	94.2	45.6	66.7	56	All OOHW monitoring undertaken previously as representative monitoring. Refer to OOH Section
AFHJV	Monthly	19/12/2018	14:09	1 Petticoat Lane (R1331)	45	56	67.3	-	47.6	58.4	52.7	
AFHJV	Monthly	19/12/2018	13:46	8 Martin Road (R1283)	45	55.6	70.9	-	48.7	57.4	52.2	
AFHJV	Monthly	19/12/2018	11:42	40 Morpeth Street (R1396)	45	55.8	74.4	-	42.3	58.4	48.5	

Contractor	Type of Noise Monitoring - Monthly or OOHW	Date of noise monitoring	Time of Noise Monitoring	Location	RBL (for OOHW noise monitoring)	Noise Monitoring Results						Comments
						Laeq	Lafmax	Lzpk	Lafmin	Laf10	Laf90	
AFHJV	Monthly	19/12/2018	12:02	35 James Creek Road (R1256)	45	59.4	74.6	-	46.8	62.9	50.5	
AFHJV	OOHW	19/12/2018	6:34	4 River Street (R1290)	39	63.3	75.8	-	60.2	64.2	61.2	Asphalting
Georgou Group	OOHW	6/12/2018	3:15	83 Smith Drive	54.7	51.9	74.6	104.6	41.2	51	42	
Georgou Group	OOHW	6/12/2018	3:38	55 Pimlico road	51	47.6	67.6	103.2	32.6	46	37	
Georgou Group	Monthly	13/12/2018	15:15	83 Smith drive	62.8	59.1	82.3	116.6	44.3	59	47	
Georgou Group	Monthly	13/12/2018	15:45	55 Pimlico road	58.3	57.6	77.5	111.3	40.6	57	43	
Georgou Group	OOHW	13/12/2018	4:10	83 Smith Drive	54.7	52.1	77.6	109.4	42.9	51	44	
Georgou Group	OOHW	13/12/2018	4:30	55 Pimlico road	51	49.4	76.9	108.6	36.8	48	37	
Georgou Group	OOHW	19/12/2018	4:10	83 Smith Drive	54.7	52.8	81.2	111.7	43.7	52	44	
Georgou Group	OOHW	19/12/2018	4:30	55 Pimlico road	51	48.4	77.6	104.9	34.4	46	35	