

November 2019 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 / * Laf50	
Seymour Whyte	OOHW	19/11/2019	19:28	ID 736, 165 Sommervale Road, Tucabia	37	48	53.5		27.1	42.5	30.8	Dominant noise source was the crickets. Predicted noise level for the saw cutting works 41.8dB(A). Exceedance not project related
Seymour Whyte	Monthly	25/11/2019	9:54	ID 755, 566 Coldstream Road, Tyndale	42	45.9	60.5		41.9	44.5	43	Dominant noise source was the batch plant operations & insects. No exceedance as per the predicted noise levels of 52dB(A).
Seymour Whyte	OOHW	26/11/2019	21:13	ID 683 & 684, 6709 Old Pacific Highway, Glenugie	44	53.5	63.5		37.8	50.2	43.9	Dominant noise source was the trucks & cars on the Old Pacific Highway as part of the Glenugie switch works. Predicted noise 68.1dB(A)
Seymour Whyte	OOHW	26/11/2019	21:39	ID 671, 6607 Old Pacific Highway, Glenugie	44	52.5	60.1		47.6	51.2	48.9	Dominant noise source was the trucks & cars on the Old Pacific Highway as part of the Glenugie switch works. Predicted noise 57.9dB(A)
Seymour Whyte	OOHW	26/11/2019	1:17	ID 683 & 684, 6709 Old Pacific Highway, Glenugie	39	51.7	63.2		39.2	48.3	43.1	Dominant noise source was the trucks on the Old Pacific Highway as part of the Glenugie switch works. Predicted noise 68.1dB(A)
Seymour Whyte	OOHW	26/11/2019	1:39	ID 671, 6607 Old Pacific Highway, Glenugie	39	49.2	63.6		39.9	46.2	42.5	Dominant noise source was the trucks & cars on the Old Pacific Highway as part of the Glenugie switch works. Predicted noise 57.9dB(A)
Seymour Whyte	OOHW	27/11/2019	0:28	ID NCA_S4_069, 132 McIntyres Lane, Gulmarrad	38	38.1	73.1		23	25.1	24.5	Dominant noise source was the batch plant operation. No exceedance as per the predicted noise levels of 40dB(A).
Seymour Whyte	OOHW	27/11/2019	22:37	ID 867, 127 Clyde Essex Drive, Gulmarrad	38	46.8	71.8		34	43	42.3	Dominant noise source was the dogs barking near the monitoring location. Exceedance not project related
BGC	OOHW Foam bitumen rolling and trimming	1/11/2019	18:59	Chainages 81450-8480 70m from sensitive receiver	44	59.6	86.7	77.5	40.5	63.2	45.6	Construction works compliant
BGC	OOHW A35 Blade wall painting	22/11/2019	18:27	550m southwest of work location at A35	33	43.9	72.4	63	36.2	45.9	40.8	Construction works not audible
Tropic Asphalts	OOHW	14/11/2019	18:08	Palm Lane, Harwood Lot 11 / DP 538937	44	67.6	82.8		54	71	63.3	
Tropic Asphalts	OOHW	14/11/2019	20:08	Palm Lane, Harwood Lot 11 / DP 538937	44	66.5	79.4		59.4	69.9	61.5	
Tropic Asphalts	OOHW	15/11/2019	2:51	Palm Lane, Harwood Lot 11 / DP 538937	39	66.5	82.2		57.3	70.6	59.1	
Avante Linemarking	OOHW	18/11/2019	19:36	Yamba Road, Maclean Lot 19 / DP 1095472	44	57.1	75.8		47.4	60.1	55.5	
Avante Linemarking	OOHW	18/11/2019	22:00	Yamba Road, Maclean Lot 19 / DP 1095472	39	59.9	79.7		42.7	63.1	57.8	
Avante Linemarking	OOHW	19/11/2019	3:16	Yamba Road, Maclean Lot 19 / DP 1095472	39	47.6	48.7		46.4	48.4	48	
Avante Linemarking	OOHW	29/11/2019	19:30	James Creek Road, Maclean Lot 1 / DP 1136907	44	59.3	88.9		27.3	52.2	43	
BMD	OOHW	5/11/2019	19:20	Representative 200m along Mororo Road	42	38.2	63		29.2	38.6	31.8	Distance from works 1400m construction inaudible. Traffic from highway main influence on record at 38-42 dB(A). Bird calls up to 60dB(A)
BMD	Monthly	18/11/2019	11:51	1 Jackybulbin Road, Mororo	42	57	80.6		43.6	56.2	47	Local traffic 67.9-74.2 dB(A). Pacific Highway traffic constant noise source 60-63 dB(A). Truck movement onsite at Gate 102 7 53 dB(A).
BMD	Monthly	18/11/2019	12:31	7175 Pacific Highway, Devils Pulpit	42	62.3	75.7		37.7	67.1	47.1	Pacific Highway traffic dominant noise source 65.5 dB(A) with peaks of 73.6 dB(A). Construction noise 55.6 dB(A).
BMD	Monthly	20/11/2019	8:22	6530 Pacific Highway	42	58.8	69.9		39.8	63.1	47.9	Pacific Highway traffic dominant noise source 56.7 dB(A) with peaks of 69.2 dB(A). Construction noise inaudible from monitoring point.
LendLease	Monthly	4/11/2019	9:45	NMP03 (1202 Wardell Rd)(R242)	36	47.8	65.1	86.2	40.3	50.3	42.2	Wardell Rd main contributing source. R2B not audible during reading. Extraneous noise sources: Birds, 1 flight. Winds: NE @ 2.2m/sec
LendLease	Monthly	4/11/2019	10:02	NMP04 (1175 Wardell Rd)(R245)	36	44.8	62	86.9	31.8	46	36	Wardell Rd main contributing source. R2B not audible during reading. Extraneous noise sources: Birds, Winds: NE @ 1.8m/sec
LendLease	Monthly	4/11/2019	10:30	NMP06 (109 Meridian Drive)	41	55.7	81.3	97.1	32.1	48.3	35.8	Pac Highway main contributing source along with cicadas. R2B not audible during reading. Extraneous noise sources: Birds, Cicadas. Winds: NE @ 1.2m/sec
LendLease	Monthly	4/11/2019	10:50	NMP08 (55 Whytes Lane West)	41	52.5	83	99.6	32.8	47.3	35.3	Pac Highway main contributing source. R2B not audible. Extraneous noise sources: Birds, wind in sugar cane. Winds: NE @ 2.8m/sec