

## September 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	
SWC	OOHW	25/09/2019	21:39	Within the project boudanry in line with ID851 121 Shark Creek Road, Gulmarrad)	43	61.7	68.6		44.2	59.9	57.9	Predicted noise levels were 62.0dB(A) for saw cutting activities
SWC	OOHW	25/09/2019	22:00	Within the project boudanry in line with ID851 121 Shark Creek Road, Gulmarrad)	38	57.2	47.3		47.3	55.7	50.8	Predicted noise levels were 62.0dB(A) for saw cutting activities
BGC	OOHW Jubilee St Bridge plank install	11/09/2019	18:59	30 Jubilee Street, Townsend - 50m from works	44	64.6	94.2	72.3	61.9	65.5	63.4	Dominant source of noise from Jubilee Street traffic.
BGC	OOHW Jubilee St Bridge plank install	11/09/2019	22:05	30 Jubilee Street, Townsend - 50m from works	39	64	93.6	74.4	61	65.2	62.5	Works within predicted levels (Cat D 60-69dB)
BGC	OOHW Asphalt tie in works Edwards Creek	24/09/2019	20:19	Lot 10 DP837655 (R886) - 420 from works	44	60.7	90.3	76.2	32	65.1	38.9	Dominant source of noise from existing highway traffic.
BGC	OOHW Jubilee Bridge concrete deck pour	25/09/2019	6:29	30 Jubilee Street, Townsend - 25m from works	39	62.7	92.3	78.2	51.6	66.1	56	Dominant source of noise from trucks Jubilee Street traffic.
SEE Civil	OOHW	2/09/2019	18:30	526 Yamba Road	44	47.3	64.6	93.1	35.1	50.4	41.4	Traffic on existing highway dominant noise source. Construction works inaudible for majority of monitoring period.
SEE Civil	OOHW	9/09/2019	18:45	35 James Creek Road	44	41.7	64.3	88.9	34.4	43.3	36.2	Traffic on existing highway dominant noise source. Construction works inaudible for majority of monitoring period.
BMD	Monthly	24/09/2019	11:22	1 Jackybulbin Road, Mororo	42	57.2	78.6		34.2	52.3	42.6	Local traffic on Jackybulbin Road dominant noise source 70-78 dB(A). Pacific Highway traffic 48-60 dB(A). Construction Gate 102.7 North not in use. Construction noise inaudible from monitoring site.
BMD	Monthly	24/09/2019	11:56	7175 Pacific Highway	41	58.1	76.5		36.7	62.7	44.5	Pacific Highway traffic dominant noise source 65-72 dB(A). Birds in background 50-55 dB(A). Reversing alarms 57.0-64.0dB(A).
BMD	Monthly	24/09/2019	12:45	6530 Pacific Highway	42	59.3	73.2		49.5	62.3	53.4	Construction dominant noise source 51.8-65.4 dB(A) with peaks of 68.4 and 71.6 dB(A). Trucks at construction gate 103.7 - 52 dB(A). truck movements on the Pacific Highway 59.7-66.0 dB(A). Reversing alarms 50.0-62.0dB(A).
CPB	OOHW	6/09/2019	17:55	Trustums Hill Road (reciever #1673)	45	58	74.5	95.5	51.2	60	54.5	Principal noise source road traffic into RMS Depot adjacent works on site and vehicles leaving work or returning from work on Trustums hill road.
LLE	Monthly	2/09/2019	13:30	NMP03 (1202 Wardell Rd)(R242)	36	53	70.7	93.4	41.4	53.9	45	Main contributing source R2B. Excavator and some LV movements. Extraneous noise sources: Birds, Traffic on Wardell Rd. Reading was below modelled/approved noise scenario as detailed within the CCNVMP. Winds: W @ 3m/sec
LLE	Monthly	2/09/2019	13:48	NMP04 (1175 Wardell Rd)(R245)	36	46	68.2	87	34.8	48.1	37.1	Main contributing source R2B. Excavator and some LV movements. Extraneous noise sources: Birds, Traffic on Wardell Rd. Reading was below modelled/approved noise scenario as detailed within the CCNVMP. Winds: W @ 2.8m/sec
LLE	Monthly	2/09/2019	14:16	NMP06 (109 Meridian Drive)	41	50.1	60.5	80.5	43.9	51.8	47.5	Main contributing source R2B. Boral works on South bound on ramp. Extraneous noise sources: Birds, Traffic on Wardell Rd. Reading was below modelled/approved noise scenario as detailed within the CCNVMP. Winds: W @ 2.9m/sec
LLE	Monthly	2/09/2019	14:42	NMP08 (55 Whytes Lane West)	41	49.1	56.2	83.5	40.4	51.4	45.3	Pac Highway main contributing source. R2B Not audible. Extraneous noise sources: Birds. Winds: W @ 1.8m/sec