

## May 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	
Seymour Whyte	OOHW	9/05/2019	06:43	566 Coldstream Road, Tyndale	52	48.9	65		69.8	46.7	43.6	OOHW noise monitoring. Birds constantly flaccuating 48-61dB(A), cars on local road 46-50dB(A) x13, trucks on local road 54-59dB(A) x2, batching running but not batching continuously 43dB(A), Loader 40-46dB(A) x 13, Scraping of bucket on ground 49-55dB(A) x2, cows 44-48dB(A) x2, batch plant batching 45-53dB(A) x3
Seymour Whyte	OOHW	10/05/2019	05:05	3152 Pacific Highway, Tyndale	38	52.9	60.2		44	50.4	47.6	OOHW noise monitoring. Predicted noise level of 61.1 (Category D). Actual was 52.9 putting the works at a Category C. Sawcutting works 48-55dB(A) x3, Saw cutting & Pacific Highway constantly fluctuating 53-58. Highway traffic dominantly B-Doubles
Seymour Whyte	OOHW	15/05/2019	04:40	100 Byrons Lane, Tyndale	38	41.3	50.1		25.2	40.5	30.7	no saw cutting activities were being undertaken during this monitoring period. Traffic on existing highway constantly fluctuating 39-48dB(A). Monitoring was undertaken at agreed location with land owner
Seymour Whyte	OOHW	15/05/2019	05:13	100 Byrons Lane, Tyndale	38	43.7	51.2		27.4	43.7	38.6	Saw cutting and traffic at same time was constantly fluctuating 43-48 dB(A). 3 times only saw cutting was heard (no traffic) 40-45dB(A)
Seymour Whyte	OOHW	31/05/2019	09:28	566 Coldstream Road, Tyndale	52	45.3	57.9		40.9	44.6	43.2	Predicted noise levels as per the approved Ancillary addendum is 61.1 actual noise levels at time of monitoring was 45.3dB(A). Birds were constantly fluctuating, batch running constantly, alarms and beeper were heard and traffic on local road
BGC	OOHW	7/05/2019	18:40	2967 Pacific Highway, Tyndale	38	75	103.6	92.5	44.9	79.4	51.6	
BGC	OOHW	7/05/2019	19:20	2991 Pacific Highway, Tyndale	38	77.7	107.3	94.4	54.2	82.1	61.5	
BGC	OOHW	7/05/2019	22:26	2991 Pacific Highway, Tyndale	33	74.9	104.5	96.7	56.8	78.1	60.1	
BGC	OOHW	7/05/2019	22:08	2967 Pacific Highway, Tyndale	33	76.1	105.7	96.5	46	79.8	56.3	
BGC	OOHW	8/05/2019	18:42	2967 Pacific Highway, Tyndale	38	72.3	101.9	86.9	57.4	75.1	60.4	
BGC	OOHW	8/05/2019	22:25	2963 Pacific Highway, Tyndale	33	75.1	104.7	92.4	58.3	77.8	61.2	
BGC	OOHW	8/05/2019	18:52	2991 Pacific Highway, Tyndale	38	74	103.6	89.3	56	78	59.9	
BGC	OOHW	8/05/2019	22:03	2991 Pacific Highway, Tyndale	33	73	102.6	92.6	59.6	76.6	61.7	
BGC	OOHW	8/05/2019	15:44	132 McIntyres Ln, Gulmarrad	41	55	84.6	83.2	28.7	50.4	31.8	
BGC	OOHW	8/05/2019	16:04	3986 Pacific Highway, Tyndale (BP Lane)	41	54.3	83.9	76.9	41.9	53.8	48	
BGC	OOHW	9/05/2019	18:26	2971 Pacific Highway, Tyndale	38	71.6	101.2	86.1	54.5	76.1	57.4	
BGC	OOHW	9/05/2019	18:46	2991 Pacific Highway, Tyndale	38	75.1	104.7	92.2	62.5	79.2	64.9	
BGC	OOHW	9/05/2019	22:38	2963 Pacific Highway, Tyndale	38	66.7	96.3	82.5	57.4	90.2	59.9	
BGC	OOHW	9/05/2019	22:18	2967 Pacific Highway, Tyndale	38	72.4	102	88.9	60	75.1	62.1	
BGC	OOHW	10/05/2019	20:06	2963 Pacific Highway, Tyndale	38	67.1	96.7	82.8	57.9	70.4	60.9	
BGC	OOHW	10/05/2019	20:18	2991 Pacific Highway, Tyndale	38	72.8	102.4	88.3	56.7	76.8	63.8	
BGC	OOHW	10/05/2019	23:05	2991 Pacific Highway, Tyndale	33	68.3	97.9	89.1	61	72.2	63.1	
BGC	OOHW	13/05/2019	19:15	2991 Pacific Highway, Tyndale	38	73.5	103.1	87.5	57.1	78.8	60.4	
BGC	OOHW	13/05/2019	19:30	2963 Pacific Highway, Tyndale	38	66.3	95.9	90.5	59.5	69.1	61.6	
BGC	OOHW	13/05/2019	23:12	2967 Pacific Highway, Tyndale	33	81.8	100.1	91	67.3	86.9	68.3	
BGC	Monthly	24/05/2019	8:55	Ferry Park - Corner of Pacific Highway and Cameron Street, Maclean	43	71.9	101.5	87.2	48.3	78.8	56.5	
SEE Civil	OOHW	23/05/2019	18:15 - 18:30	James Creek Lane - Lot 31 on DP1136907	44	48.3	57.6	85.3	38.2	51.2	43.9	Construction works not audible. Noise from traffic on existing highway clearly audible for entire monitoring period
BMD	Monthly	20/05/2019	12:42	7175 Pacific Highway, Devils Pulpit	46	65.5	82		53.1	68.6	60.3	Pacific Highway traffic dominant noise source 62.8-67.3 with peaks of 74.0 and 74.7 dB(A). Truck movement onsite - 57.4-60.8 dB(A) and excavator onsite - 60.2-61.3 dB(A). Extrapolation calculation indicates 53.9 dB(A) therefore construction noise considered below NML and compliant.
BMD	Monthly	21/05/2019	15:53	1 Jackybulbin Road, Mororo	46	60.2	81		43	58.8	48.6	Local traffic on Jackybulbin Road 70.3-80.4 dB(A). Pacific Highway traffic 51.7-58.6 dB(A) with peaks of 61.4 and 62.1 dB(A). Truck and water cart at construction gate 51.3-52.4 dB(A). Rooster 59.4-60.0 dB(A). Other construction activities inaudible at monitoring point. Construction noise below NML.
BMD	Monthly	23/05/2019	11:56	6530 Pacific Highway Jackybulbin	46	59.4	77.4		41.6	62.5	48.2	Pacific Highway traffic dominant noise source 45.3-61.4 dB(A) with peaks of 75.1 and 76.5. Light vehicle onsite - 50.1 dB(A). Other construction activities inaudible. Construction noise below NML.
LendLease	Monthly	2/05/2019	10:27	NMP03 (1202 Wardell Rd)(R242)	46	62.4	70	93.4	51.5	65.3	58.2	Main contributing source R2B. Boral laying asphalt on the bridge and street sweeper servicing Wardell Rd. Extraneous noise sources: Birds, Traffic on Wardell Rd. Reading was below modelled/approved noise scenario as detailed within the CCNVMP. Winds: Still
LendLease	Monthly	2/05/2019	10:40	NMP04 (1175 Wardell Rd)(R245)	46	55.5	62.6	88.2	50.3	57.5	53.1	Main contributing source R2B. Boral laying asphalt on the bridge and street sweeper servicing Wardell Rd. Extraneous noise sources: Birds, Traffic on Wardell Rd. Reading was below modelled/approved noise scenario as detailed within the CCNVMP. Winds: Still
LendLease	Monthly	2/05/2019	9:52	NMP06 (109 Meridian Drive)	46	48.4	69.8	83.3	38.5	47.2	46.9	Pac Highway main contributing source. Extraneous noise sources: Birds, 2 cars passed on Meridian Dr. Winds: Still

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LendLease	Monthly	2/05/2019	12:30	NMP08 (55 Whytes Lane West)	46	48.7	57.7	86.2	41.3	50.9	44.7	R2B not audible. Main source Pac Highway.
LendLease	OOHW	9/05/2019	6:23	NMP04 (1175 Wardell Rd)(R245)	30	58.1	76.7	97.2	43.4	60.8	48.3	Traffic on Wardell Road was the main contributing noise source with noise levels ranging between 60dB and 80dB. 23 vehicles passed during the monitoring period. Birds were continuous throughout the monitoring period and were recorded at upto 53 dB. During lulls in background noise the batchplant was measured at upto 49 dB. A barking dog, vehicles in the Wardell Road compound car park and tipper trucks within the project alignment were also audible during the monitoring period. However, peak noise generation from these sources was indistinguishable from other background noise sources.
AFHJV	OOHW	3/05/2019	7:28pm	530 Yamba Road	44	59.4	77		51.4	61.5	54.9	Yamba Road asphaltting.
Georgiou	OOHW & Monthly	25/05/2019	14:15	83 Smith Drive	62.8	59.6	82.8	120.3	42.4	59	48	
Georgiou	OOHW & Monthly	25/05/2019	14:45	55 Pimlico Road	58.3	56.2	79.7	117.1	33.1	56	47	
Georgiou	Monthly	27/05/2019	11:55	87 Smith drive	62.8	59.4	87.9	104.1	44.8	58	49	
Georgiou	Monthly	27/05/2019	12:30	55 Pimlico road	58.3	55.7	78.6	110.8	42.6	54	46	