

August 2020 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	
BGC	OOHW	3/08/2020	19:07	Ch 80990 (between works and sensitive receiver R935)	44	63.3	83.3		49.1	66.1	52	Monitoring conducted at 40m. Predicted Laeq(15mins) =58dB(A) at 91m (R935); actual 56 at 91m
BGC	OOHW	4/08/2020	18:08	Ch 81100 shared path (closest receiver R935)	44	64	78.8		55.5	66.1	59.5	Monitoring conducted at 40m. Predicted SPL = 111.6dB(A) at 110m (R935); actual SPL 104 at 110m.
BGC	OOHW	5/08/2020	19:23	Ch 81760	44	80.5	86.7		68.3	85.3	70.7	Levels recorded are for line marking removal at 12m, closest resident (R1065) at 205m. Predicted SPL = 110.7, measured SPL = 110.8 which included traffic on pacific highway approximately 17m away.
Quickway	OOHW	27/07/2020	0:00	N/A	-	86.6	-	-	-	-	-	Monitoring of SPL@7m of shot blasting unit for accurate noise impact estimation in OOH application
Quickway	N/A	30/07/2020	0:00	Lot 1, DP362622	43	58.2	68.5	87.8	39.4	62.5	45.2	Noise source from works occurring on site not audible. Noise dominated by passing highway traffic