

September 2017 Noise Monitoring



Contractor	Date of noise monitoring	Time of Noise Monitoring	Location	RBL (for OOHW noise monitoring)	Noise Monitoring Results						Comments
					Laeq	Lafmax	Lzpk	Lafmin	Laf10	Laf90	
Davbridge	17/09/2017	10:19	Sensitive Receiver #2, Jackybulbin Road	NCA G RBL (day) = 42 RBL (evening) = 42 RBL (night) - 34	38.4	74.3	95.5	30.6	52.3	33.4	Birds overhead and background M1 noise
Davbridge	17/09/2017	14:48	Sensitive Receiver #2, Jackybulbin Road	NCA G RBL (day) = 42 RBL (evening) = 42 RBL (night) - 34	37.8	72.9	94.3	32.1	47.8	34.9	Birds overhead and background M1 noise
BMD	4/09/2017	10:50	James Creek Road	NCA E RBL (Day) - 45 RBL (Evening) - 44 RBL (Night) - 39	60.0				55.8	48.6	Background influence; Birds, highway traffic & construction
BMD	4/09/2017	11:15	Morpeth Street	NCA E RBL (Day) - 45 RBL (Evening) - 44 RBL (Night) - 39	54.2	84.5		42.9	56.3	47.6	Background influence; Birds, highway traffic & construction
BMD	4/09/2017	11:50	Old Pacific Highway	NCA F RBL (Day) - 37 RBL (Evening) - 39 RBL (Night) - 35	55.6	93.5		43.2	61.0	47.7	Background influence; Highway traffic , birds
BMD	7/09/2017	15:05	10 Martin's Point Road	NCA E RBL (Day) - 45 RBL (Evening) - 44 RBL (Night) - 39	60.1	88.2		49.4	60.2	53.0	Background influence; highway traffic, bridge construction & birds
BMD	7/09/2017	15:24	Petticoat Lane	NCA E RBL (Day) - 45 RBL (Evening) - 44 RBL (Night) - 39	59.0	79.7		49.0	60.9	51.8	Background sounds; bridge construction & highway traffic
BMD	7/09/2017	15:52	Chatsworth Road	NCA F RBL (Day) - 37 RBL (Evening) - 39 RBL (Night) - 35	66.6	88.4		39.6	61.9	45.7	Background sounds; highway traffic & construction
BMD	7/09/2017	16:10	Chatswoth Road	NCA F RBL (Day) - 37 RBL (Evening) - 39 RBL (Night) - 35	62.8	92.4		42.9	54.8	47.8	Background sounds; highway traffic & construction
BMD	11/09/2017	13:30	Yamba Road	NCA E RBL (Day) - 45 RBL (Evening) - 44 RBL (Night) - 39	66.0	90.3		54.0	69.8	58.5	OOHW verification (prior to work comencing)
BMD	11/09/2017	22:10	Yamba Road	NCA E RBL (Day) - 45 RBL (Evening) - 44 RBL (Night) - 39	54.7	86.7		32.1	55.2	40.0	OOHW verification (during works)
BMD	18/09/2017	5:45	Iluka Road (LOT 5 DP263404)	NCA F RBL (Day) - 37 RBL (Evening) - 39 RBL (Night) - 35	70.2	92.9		41.0	77.6	44.5	OOHW verification (prior to work comencing)
BMD	18/09/2017	19:30	Iluka Road (LOT 5 DP263404)	NCA F RBL (Day) - 37 RBL (Evening) - 39 RBL (Night) - 35	54.7	81.4		44.6	58.6	46.5	OOHW verification (during works)
AFHJV	11/09/2017	14:03	1 Petticoat Lane (R1331)		51.6	75.2		41.2	52.9	44.8	Below NML 55dB(A) and below predicted cumulative LAeq 15 min of 66dB(A) during abutment works within NVMP. Rainbow lorikeets during monitoring was the dominant noise source.

Contractor	Date of noise monitoring	Time of Noise Monitoring	Location	RBL (for OOHV noise monitoring)	Noise Monitoring Results						Comments
					Laeq	Lafmax	Lzpk	Lafmin	Laf10	Laf90	
AFHJV	11/09/2017	14:25	8 Martin Road (R1283)		48.1	66.9		39.3	50.7	43.5	Below NML 55dB(A) and below predicted cumulative LAeq 15 min of 52dB(A) during southern abutment works within NVMP. However, highway, local traffic and dog barking were also dominant noise sources.
AFHJV	11/09/2017	9:17	40 Morpeth Street (R1396)		49.5	65		41.1	52.3	45.3	Below NML 55dB(A), and predicted cumulative LAeq 15 min of 57dB(A) during southern abutment works. Dominant noise source Pacific Highway, local traffic and birds were dominant noise sources.
AFHJV	11/09/2017	2:16	91 James Creek Road (R1256)		48.8	67.8		41.6	51.1	45.3	Below NML 55dB(A) and predicted cumulative LAeq 15 min of 51dB(A) during southern abutment works. However, local traffic, B4/5 works and highway were dominant noise sources.
Georgiou	18/09/2017	23:05	55 Pimlico road		46.9	69.1	87.3	39.8	48	42	Out of hours works
Georgiou	22/09/2017	9:10	87 Smith drive		54	63	90.8	45.8	56	49	Monthly monitoring
Georgiou	22/09/2017	10:05	55 Pimlico road		57.2	81.3	97.2	44.2	58	48	Monthly monitoring