



EPL No:	4865
Entity Name:	Enviroguard Pty Ltd
Site:	4 Quarry Road, Erskine Park NSW
Monitoring Frequency:	Annual
Link to NSW EPA Register:	Click Here

Uploaded onto the CWY Website: 23 November 2022

Provided to NSW EPA: 22 November 2022

Table 4.1 Location R01 – 55 Coowarra Drive, St Clair – Measurement Results

DATE	TIME	MEASUREMENT RESULT (15 MINUTE)		CRITERION	OBSERVATIONS	CONSIDERED COMPLIANT
		dBA L ₅₀	dBA L _{eq}			
13/07/22	8:30 – 8:45 AM	48	52	48	Dominant background noise: — Distant traffic (45 dBA) — Traffic from Erskine Park Road (49 – 58 dBA) — Trees rustling (50 dBA)	YES
	8:45 – 9:00 AM	48	52	48		YES
	9:00 – 9:15 AM	47	50	48		YES
	9:15 – 9:30 AM	48	52	48		YES
	9:30 – 9:45 AM	48	51	48		YES
	9:45 – 10:00 AM	48	54	48		YES
15/07/22	12:45 – 1:00 PM	43	50	48	Intermittent noise sources: — Reverse beeping (48 – 57 dBA) — Traffic (52 – 54 dBA) — Heavy vehicles (50 – 57 dBA) — Planes/helicopters (52 – 64 dBA) — Industrial noise (49 – 54 dBA) — Dogs barking (51 – 58 dBA) — Birds (53 – 59 dBA)	YES
	1:00 – 1:15 PM	43	48	48		YES
	1:15 – 1:30 PM	43	48	48		YES
	1:30 – 1:45 PM	43	51	48		YES
	1:45 – 2:00 PM	43	47	48		YES
	2:00 – 2:15 PM	43	47	48		YES
18/07/22	9:45 – 10:00 AM	48	51	48	Noise sources associated with project site: — Inaudible	YES
	10:00 – 10:15 AM	48	51	48		YES
	10:15 – 10:30 AM	49	52	48		YES
	10:30 – 10:45 AM	49	52	48		YES
	10:45 – 11:00 AM	48	51	48		YES
	11:00 – 11:15 AM	48	53	48		YES

Table 4.2 Location R02 – 66 Chameleon Drive, Erskine Park – Measurement Results

DATE	TIME	MEASUREMENT RESULT (15 MINUTE)		CRITERION	OBSERVATIONS	CONSIDERED COMPLIANT
		dBA L ₅₀	dBA L _{eq}			
13/07/22	8:00 – 8:15 AM	51	54	48	Dominant background noise: — Distant traffic (41 – 50 dBA) — Trees rustling (46 – 55 dBA)	YES
	8:15 – 8:30 AM	49	52	48		YES
	8:30 – 8:45 AM	48	51	48		YES
	8:45 – 9:00 AM	47	51	48		YES
	9:00 – 9:15 AM	47	49	48		YES
	9:15 – 9:30 AM	48	51	48		YES
15/07/22	1:15 – 1:30 PM	39	47	48	Intermittent noise sources: — Reverse beeping (48 – 61 dBA) — Reverse beeper audible for approximately 2 minutes during a 15 minute measurement — Car pass-by on Chameleon Drive/Ridgeview Crescent (49 – 58 dBA) — Truck pass-by on Chameleon Drive (60 dBA) — Planes/helicopters (50 – 56 dBA) — Industrial noise (49 – 60 dBA) — Birds (48 – 55 dBA) — Dog (48 – 53 dBA)	YES
	1:30 – 1:45 PM	40	47	48		YES
	1:45 – 2:00 PM	39	44	48		YES
	2:00 – 2:15 PM	38	45	48		YES
	2:15 – 2:30 PM	38	47	48		YES
	2:30 – 2:45 PM	41	49	48		YES
18/07/22	9:15 – 9:30 AM	45	50	48	Noise sources associated with project site: — Generally inaudible — Crash sound (50 dBA L _{max}) — Excavator (43 – 47 dBA L _{max})	YES
	9:30 – 9:45 AM	45	49	48		YES
	9:45 – 10:00 AM	47	52	48		YES
	10:00 – 10:15 AM	49	53	48		YES
	10:15 – 10:30 AM	48	53	48		YES
	10:30 – 10:45 AM	50	55	48		YES

Table 4.3 Location R03 – 19 Mandalong Close, Erskine Park – Measurement Results

DATE	TIME	MEASUREMENT RESULT (15 MINUTE)		CRITERION	OBSERVATIONS	CONSIDERED COMPLIANT
		dBA L ₅₀	dBA L _{eq}			
13/07/22	10:00 – 10:15 AM	50	57	49	Dominant background noise: — Background traffic from Mamre Road (50 dBA)	YES
	10:15 – 10:30 AM	50	58	49		YES
	10:30 – 10:45 AM	50	56	49		YES
	10:45 – 11:00 AM	50	57	49		YES
	11:00 – 11:15 AM	49	57	49		YES
	11:15 – 11:30 AM	48	55	49		YES
15/07/22	2:00 – 2:15 PM	47	59	49	Intermittent noise sources: — Car pass-by on Mandalong Close (65 – 76 dBA) — Truck pass-by on Mandalong Close (72 – 81 dBA) — Birds (64 – 75 dBA) — Bush rustling (68 dBA)	YES
	2:15 – 2:30 PM	48	56	49		YES
	2:30 – 2:45 PM	49	56	49		YES
	2:45 – 3:00 PM	48	56	49		YES
	3:00 – 3:15 PM	49	58	49		YES
	3:15 – 3:30 PM	48	58	49		YES
18/07/22	10:00 – 10:15 AM	48	56	49	Noise sources associated with project site: — Inaudible	YES
	10:15 – 10:30 AM	49	56	49		YES
	10:30 – 10:45 AM	49	56	49		YES
	10:45 – 11:00 AM	47	55	49		YES
	11:00 – 11:15 AM	47	55	49		YES
	11:15 – 11:30 AM	46	55	49		YES

Table 4.4 Location R05 – 573 Mamre Road, Orchard Hills – Measurement Results

DATE	TIME	MEASUREMENT RESULT (15 MINUTE)		CRITERION	OBSERVATIONS	CONSIDERED COMPLIANT
		dBA L ₅₀	dBA L _{eq}			
13/07/22	10:30 – 10:45 AM	55	67	49	Dominant background noise: — Distant traffic noise from Mamre Road	YES
	10:45 – 11:00 AM	56	68	49		YES
	11:00 – 11:15 AM	56	68	49		YES
	11:15 – 11:30 AM	54	68	49		YES
	11:30 – 11:45 AM	56	69	49		YES
	11:45 – 12:00 PM	55	68	49		YES
15/07/22	1:30 – 1:45 PM	57	67	49	Intermittent noise sources: — Car pass-by (62 – 67 dBA) — Trucks (67 – 75 dBA)	YES
	1:45 – 2:00 PM	56	67	49		YES
	2:00 – 2:15 PM	59	69	49		YES
	2:15 – 2:30 PM	60	68	49		YES
	2:30 – 2:45 PM	59	69	49		YES
	2:45 – 3:00 PM	57	68	49		YES
18/07/22	10:15 – 10:30 AM	55	66	49	Noise sources associated with project site: — Inaudible	YES
	10:30 – 10:45 AM	55	66	49		YES
	10:45 – 11:00 AM	54	65	49		YES
	11:00 – 11:15 AM	53	66	49		YES
	11:15 – 11:30 AM	54	65	49		YES
	11:30 – 11:45 AM	54	66	49		YES

Table 4.5 Location R06 – 674 Mamre Road, Kemps Creek – Measurement Results

DATE	TIME	MEASUREMENT RESULT (15 MINUTE)		CRITERION	OBSERVATIONS	CONSIDERED COMPLIANT
		dBA L ₅₀	dBA L _{eq}			
13/07/22	9:30 – 9:45 AM	58	70	49	Dominant background noise: — Traffic from Mamre Road (60 – 70 dBA) — Construction noise directly across from Mamre Road (58 dBA)	YES
	9:45 – 10:00 AM	56	70	49		YES
	10:00 – 10:15 AM	57	70	49		YES
	10:15 – 10:30 AM	59	70	49		YES
	10:30 – 10:45 AM	57	70	49		YES
	10:45 – 11:00 AM	59	71	49		YES
15/07/22 ¹	12:30 – 12:45 PM	57	69	49	Intermittent noise sources: — Car pass-by (65 – 71 dBA) — Truck (71 – 77 dBA)	YES
	12:45 – 1:00 PM	58	69	49		YES
18/07/22	8:45 – 9:00 AM	61	71	49	— Heavy vehicles (70 – 87 dBA) — Heavy vehicle horn (80 dBA) — Heavy vehicle bang/clang (88 dBA) — Construction noise (57 – 63 dBA) — Beeping associated with construction works (58 dBA) — Clanging associated with construction works (65 dBA) — Birds (57 dBA)	YES
	9:00 – 9:15 AM	59	70	49		YES
	9:15 – 9:30 AM	60	70	49		YES
	9:30 – 9:45 AM	58	70	49		YES
	9:45 – 10:00 AM	59	70	49		YES

Table 4.6 Location R08 – 61-109 Bakers Lane, Kemps Creek – Measurement Results

DATE	TIME	MEASUREMENT RESULT (15 MINUTE)		CRITERION	OBSERVATIONS	CONSIDERED COMPLIANT
		dBA L ₅₀	dBA L _{eq}			
13/07/22	9:30 – 9:45 AM	45	49	42	Dominant background noise: — Trees rustling (45 – 51 dBA) — Droning noise from south (40 dBA) — Distant traffic noise from Mamre Road (40 – 44 dBA)	YES
	9:45 – 10:00 AM	45	48	42		YES
	10:00 – 10:15 AM	45	49	42		YES
	10:15 – 10:30 AM	46	48	42		YES
	10:30 – 10:45 AM	46	50	42		YES
	10:45 – 11:00 AM	46	51	42		YES
15/07/22	1:15 – 1:30 PM	39	43	42	Intermittent noise sources: — Aircraft (45 – 62 dBA) — Industrial noise (47 dBA) — Industrial noise – bang/hammer (45 dBA) — Rustling leaves (49 – 56 dBA) — Birds (44 – 59 dBA) — Extraneous (49 dBA)	YES
	1:30 – 1:45 PM	39	47	42		YES
	1:45 – 2:00 PM	38	40	42		YES
	2:00 – 2:15 PM	39	42	42		YES
	2:15 – 2:30 PM	39	43	42		YES
	2:30 – 2:45 PM	38	49	42		YES
18/07/22	9:45 – 10:00 AM	46	53	42	Noise sources associated with project site: — Generally inaudible — Intermittent excavator noise (47 – 54 dBA L _{max})	YES
	10:00 – 10:15 AM	47	52	42		YES
	10:15 – 10:30 AM	48	53	42		YES
	10:30 – 10:45 AM	47	53	42		YES
	10:45 – 11:00 AM	48	52	42		YES
	11:00 – 11:15 AM	46	51	42		YES

(1) Shorter monitoring period due to equipment power failure. However, it was noted that the noise levels observed at R06 on 15 July 2022 is consistent with the levels measured on 13 July 2022 and 18 July 2022.