



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: 9 July 2025

Provided to NSW EPA: 8 July 2025

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

Date	Time	Measured noise level (15-min period), dBA		Estimated site contribution, dBA	Noise criterion, dBA Leq(15 min)	Observations and noted noise level (L _{Af})	Considered compliant
		L ₉₀	L _{eq}				
10/06/25	11:00 - 11:15 AM	50	55	Nil	48	Dominant background noise: — Traffic (41 – 54 dBA) — Leaves rustling (46 – 51 dBA) Intermittent noise sources: — Heavy vehicles (48 – 60 dBA) — Heavy vehicle compression braking (47 – 54 dBA) — Planes flyover (52 – 67 dBA) — Dogs (52 – 55 dBA) — Birds (49 – 71 dBA)	YES
	11:15 - 11:30 AM	51	55				
	11:30 – 11:45 AM	50	55				
	11:45 – 12:00 PM	49	54				
	12:00 – 12:15 PM	50	53				
	12:15 – 12:30 PM	50	53				
	12:30 – 12:45 PM	48	51				
	12:45 – 01:00 PM	48	51				
11/06/25	10:30 – 10:45 AM	48	52	Nil	48	Distant bang (54 – 60 dBA) — Reverse beeping (40 dBA) Noise sources associated with Project site: — Generally inaudible (< 40 dBA)	YES
	10:45 – 11:00 AM	49	53				
	11:00 – 11:15 AM	49	53				
	11:15 – 11:30 AM	49	52				
	11:30 – 11:45 AM	50	53				
	11:45 – 12:00 PM	51	54				
	12:00 – 12:15 PM	50	53				
	12:15 – 12:30 PM	50	53				
	12:30 – 12:45 PM	51	55				
	12:45 – 01:00 PM	51	54				
	01:00 – 01:15 PM	51	54				
	01:30 – 01:45 PM	47	52				
12/06/25	10:30 – 10:45 AM	48	52	Nil	48		YES
	10:45 – 11:00 AM	49	52				
	11:00 – 11:15 AM	48	55				
	11:15 – 11:30 AM	48	51				
	11:30 – 11:45 AM	48	51				
	11:45 – 12:00 PM	47	50				
	12:00 – 12:15 PM	48	52				
	12:15 – 12:30 PM	48	51				
	12:30 – 12:45 PM	49	52				
	12:45 – 01:00 PM	48	52				
	01:00 – 01:15 PM	48	52				
	01:15 – 01:30 PM	47	51				
	01:30 – 01:45 PM	47	52				

Note: Noise sources associated with the Site were observed to be generally inaudible with the dominant noise source contributing to the measured values being traffic. Therefore, strict compliance cannot be demonstrated at all locations, refer to Section 5 for further discussion on this point.

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

Date	Time	Measured noise level (15-min period), dBA		Estimated site contribution, dBA	Noise criterion, dBA Leq(15 min)	Observations and noted noise level (L _{Af})	Considered compliant
		L ₉₀	L _{eq}				
10/06/25	10:30 - 10:45 AM	46	50	Nil	48	Dominant background noise: — Distant traffic (40 –50 dBA) — Leaves rustling (40 – 50 dBA) Intermittent noise sources: — Birds (46 – 68 dBA) — Dogs (46 - 67 dBA) — Distant construction (44 –45 dBA) — Distant tonal beep (56 dBA) — Plane flyover (47 – 54 dBA) — Intermittent reverse beepers (40 dBA) Noise sources associated with Project site: — Generally inaudible	YES
	10:45 - 11:00 AM	49	52				
	11:00 - 11:15 AM	52	54				
	11:15 - 11:30 AM	49	52				
	11:30 – 11:45 AM	48	53				
	11:45 – 12:00 PM	45	49				
	12:00 – 12:15 PM	44	48				
	12:15 – 12:30 PM	44	48				
	12:30 – 12:45 PM	43	46				
	12:45 – 01:00 PM	42	45				
	01:00 – 01:15 PM	43	51				
	01:15 – 01:30 PM	45	52				
11/06/25	10:30 – 10:45 AM	43	51	Nil	48		YES
	10:45 – 11:00 AM	45	52				
	11:00 – 11:15 AM	45	49				
	11:15 – 11:30 AM	45	49				
	11:30 – 11:45 AM	45	50				
	11:45 – 12:00 PM	46	49				
	12:00 – 12:15 PM	46	50				
	12:15 – 12:30 PM	46	49				
	12:30 – 12:45 PM	45	52				
	12:45 – 01:00 PM	46	50				
	01:00 – 01:15 PM	46	49				
	01:15 – 01:30 PM	47	51				
12/06/25	10:00 – 10:15 AM	43	47	Nil	48		YES
	10:15 – 10:30 AM	43	50				
	10:30 – 10:45 AM	43	46				
	10:45 – 11:00 AM	44	50				
	11:00 – 11:15 AM	42	45				
	11:15 – 11:30 AM	42	46				
	11:30 – 11:45 AM	42	45				
	11:45 – 12:00 PM	42	45				
	12:00 – 12:15 PM	42	46				
	12:15 – 12:30 PM	43	46				
	12:30 – 12:45 PM	43	46				
	12:45 – 01:00 PM	42	46				
	01:00 – 01:15 PM	42	46				
	01:15 – 01:30 PM	43	46				
	01:30 – 01:45 PM	43	46				
	01:45 – 02:00 PM	42	46				

Note: Noise sources associated with the Site were observed to be generally inaudible with the dominant noise sources contributing to the measured values being traffic and environmental features. Therefore, strict compliance cannot be demonstrated at all locations, refer to Section 5 for further discussion on this point.

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

Date	Time	Measured noise level (15-min period), dBA		Estimated site contribution, dBA	Noise criterion, dBA Leq (15 min)	Observations and noted noise level (L _{Af})	Considered compliant
		L ₉₀	L _{eq}				
10/06/25	11:15 - 11:30 AM	57	62	Nil	49	Dominant background noise: — Background traffic (62 dBA) — Offsite construction excavator (60 dBA) — Truck idle (60 dBA) Intermittent noise sources: — Car pass-by on Mandalong Close (62 – 70 dBA) — Heavy vehicle pass-by (69 – 83 dBA) — Heavy vehicle compression braking (55 – 63 dBA)	YES
	11:30 – 11:45 AM	55	61				
	11:45 – 12:00 PM	55	60				
	12:00 – 12:15 PM	53	63				
	12:15 – 12:30 PM	54	62				
	12:30 – 12:45 PM	56	61				
	12:45 – 01:00 PM	58	62				
	01:00 – 01:15 PM	54	59				
11/06/25	10:15 – 10:30 AM	54	59	Nil	49	Helicopter noise (55 dBA) — Burds (47 – 56 dBA) Noise sources associated with Project site: — Inaudible	YES
	10:30 – 10:45 AM	53	56				
	10:45 – 11:00 AM	55	59				
	11:00 – 11:15 AM	58	61				
	11:15 – 11:30 AM	55	61				
	11:30 – 11:45 AM	55	62				
	11:45 – 12:00 PM	54	58				
	12:00 – 12:15 PM	54	62				
	12:15 – 12:30 PM	53	59				
	12:30 – 12:45 PM	54	60				
	12:45 – 01:00 PM	53	58				
	01:00 – 01:15 PM	52	60				
12/06/25	10:15 – 10:30 AM	55	61	Nil	49		YES
	10:30 – 10:45 AM	56	68				
	10:45 – 11:00 AM	53	65				
	11:00 – 11:15 AM	55	59				
	11:15 – 11:30 AM	50	58				
	11:30 – 11:45 AM	53	73				
	11:45 – 12:00 PM	51	61				
	12:00 – 12:15 PM	51	60				

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

Date	Time	Measured noise level (15-min period), dBA		Estimated site contribution, dBA	Noise criterion, dBA Leq (15 min)	Observations and noted noise level (L _{Af})	Considered compliant
		L ₉₀	L _{eq}				
10/06/25	11:30 – 11:45 AM	55	67	Nil	49	Dominant background noise: — Constant free flowing traffic on Mamre Road (60 – 68 dBA) — Continuous steady-state noise from adjacent industrial facility (Snacks Brands) (up to 55 dBA) Intermittent noise sources: — Heavy vehicle pass-by (70 – 81 dBA) — Motorbike (80 – 83 dBA) Noise sources associated with Project site: — Inaudible	YES
	11:45 – 12:00 PM	55	67				
	12:00 – 12:15 PM	57	67				
	12:15 – 12:30 PM	55	67				
	12:30 – 12:45 PM	56	67				
	12:45 – 01:00 PM	56	67				
	13:00 - 01:15 PM	56	67				
	13:15 - 01:30 PM	56	67				
	13:30 - 01:45 PM	58	68				
	01:00 – 01:15 PM	58	68				
	01:15 – 01:30 PM	57	68				
	01:30 – 01:45 PM	57	68				
12/06/25	10:30 – 10:45 AM	57	68	Nil	49		YES
	10:45 – 11:00 AM	54	67				
	11:00 – 11:15 AM	56	67				
	11:15 – 11:30 AM	56	68				
	11:30 – 11:45 AM	56	67				
	11:45 – 12:00 PM	54	67				

	12:15 – 12:30 PM	51	59				
	12:30 – 12:45 PM	51	61				
	12:45 – 01:00 PM	50	65				
	01:00 – 01:15 PM	49	59				
	01:15 – 01:30 PM	49	54				

Note: Noise sources associated with the Site were observed to be inaudible with the dominant noise sources contributing to the measured values being traffic. Therefore, strict compliance cannot be demonstrated, refer to Section 5 for further discussion on this point.

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

Date	Time	Measured noise level (15-min period), dBA		Estimated site contribution, dBA	Noise criterion, dBA Leq (15 min)	Observations and noted noise level (L _{AF})	Considered compliant
		L ₉₀	L _{eq}				
10/06/25	10:45 - 11:00 AM	60	72	Nil	49	Dominant background noise: — Constant free flowing traffic on Mamre Road (63 – 70 dBA) Intermittent noise sources: — Heavy vehicle pass-by (70 – 83 dBA) — Construction works on Mamre Road (55 - 63 dBA) — Nearby industrial facility (55 – 62 dBA) — Vehicle engine noise (77 – 88 dBA) — Helicopter (66 dBA) Noise sources associated with Project site: — Inaudible	YES
	11:00 - 11:15 AM	57	70				
	11:15 - 11:30 AM	56	71				
	11:30 - 11:45 AM	59	70				
	11:45 - 12:00 PM	56	71				
	12:00 - 12:15 PM	57	71				
	12:15 - 12:30 PM	58	71				
	12:30 - 12:45 PM	57	70				
	12:45 - 01:00 PM	58	70				
11/06/25	10:15 – 10:30 AM	61	71	Nil	49		YES
	10:30 – 10:45 AM	61	71				
	10:45 – 11:00 AM	60	72				
	11:00 – 11:15 AM	61	72				
	11:15 – 11:30 AM	60	71				
	11:30 – 11:45 AM	60	71				
	11:45 – 12:00 PM	61	72				
	12:00 – 12:15 PM	59	72				
	12:15 – 12:30 PM	58	71				
	12:30 – 12:45 PM	60	71				
	12:45 – 01:00 PM	59	71				
	01:00 – 01:15 PM	63	71				
12/06/25	10:00 – 10:15 AM	59	71	Nil	49		YES
	10:15 – 10:30 AM	60	71				
	10:30 – 10:45 AM	59	71				
	10:45 – 11:00 AM	58	71				
	11:00 – 11:15 AM	57	70				
	11:15 – 11:30 AM	57	71				
	11:30 – 11:45 AM	58	71				
	11:45 – 12:00 PM	59	70				
	12:00 – 12:15 PM	59	71				
	12:15 – 12:30 PM	61	71				
	12:30 – 12:45 PM	60	71				
	12:45 – 01:00 PM	57	70				

Note: Noise sources associated with the Site were observed to be inaudible with the dominant noise sources contributing to the measured values being constant traffic and construction from across the road. Therefore, strict compliance cannot be demonstrated, refer to Section 5 for further discussion on this point.

	12:00 – 12:15 PM	56	69				
	12:15 – 12:30 PM	58	68				
	12:30 – 12:45 PM	57	68				
	12:45 – 01:00 PM	56	67				
	01:00 – 01:15 PM	56	66				

Note: Noise sources associated with the Site were observed to be inaudible with the dominant noise sources contributing to the measured values being constant traffic. Therefore, strict compliance cannot be demonstrated, refer to Section 5 for further discussion on this point.

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

Date	Time	Measured noise level (15-min period), dBA		Estimated site contribution, dBA	Noise criterion, dBA Leq (15 min)	Observations and noted noise level (L _{AF})	Considered compliant
		L ₉₀	L _{eq}				
10/06/25	10:30 - 10:45 AM	45	48	< 38	42	Dominant background noise: — Leaves rustling (39 – 48 dBA) — Birds (50 – 66 dBA) — Distant traffic noise (47 – 48 dBA) Intermittent noise sources: — Tonal and non-tonal beepers from adjacent industry to the east (Amazon/Australia Post) (47 – 60 dBA) throughout the measurement period — Domestic noise (47 – 51 dBA) — Plane flyover (43 – 60 dBA) — Adjacent school activities (47 – 52 dBA) Noise sources associated with Project site: — Generally inaudible	YES
	10:45 - 11:00 AM	46	48				
	11:00 - 11:15 AM	46	50				
	11:15 - 11:30 AM	46	48				
	11:30 - 11:45 AM	46	50				
	11:45 - 12:00 PM	44	46				
	12:00 - 12:15 PM	45	51				
	12:15 - 12:30 PM	43	46				
	12:30 - 12:45 PM	43	45				
	12:45 - 01:00 PM	42	45				
11/06/25	10:00 – 10:15 AM	43	45	< 38	42	— Non-tonal beepers coming from the direction of the Site occasionally audible (46 – 47 dBA)	YES
	10:15 – 10:30 AM	44	48				
	10:30 – 10:45 AM	44	47				
	10:45 – 11:00 AM	44	48				
	11:00 – 11:15 AM	45	48				
	11:15 – 11:30 AM	45	48				
	11:30 – 11:45 AM	44	48				
	11:45 – 12:00 PM	44	47				
	12:00 – 12:15 PM	44	46				
	12:15 – 12:30 PM	43	46				
	12:30 – 12:45 PM	45	49				
	12:45 – 01:00 PM	44	48				
12/06/25	10:00 – 10:15 AM	42	47	< 38	42		YES
	10:15 – 10:30 AM	42	49				
	10:30 – 10:45 AM	43	48				
	10:45 – 11:00 AM	43	49				
	11:00 – 11:15 AM	43	46				
	11:15 – 11:30 AM	43	48				
	11:30 – 11:45 AM	42	45				
	11:45 – 12:00 PM	42	45				
	12:00 – 12:15 PM	41	47				
	12:15 – 12:30 PM	42	49				
	12:30 – 12:45 PM	42	46				

Note: Noise sources associated with the Site were observed to be generally inaudible with the dominant noise sources contributing to the measured values being traffic and environmental features. Therefore, strict compliance cannot be demonstrated at all locations, refer to Section 5 for further discussion on this point.