



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

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

Date	Time	Total measurement result (15 min)		Estimated site contribution	Criterion Leq (15 min), dBA	Observations and noted noise level (Leq,t)	Considered compliant
		dBA L ₉₀	dBA L _{eq}	dBA L _{eq}			
18/06/24	10:15 – 10:30 AM	49	54	< 39	48	Dominant background noise:	YES
	10:30 – 10:45 AM	47	53		48	— Traffic on Erskine Park Road (41 – 47 dBA)	YES
	10:45 – 11:00 AM	47	51		48	— Leaves rustling (46 – 47 dBA)	YES
	11:00 – 11:15 AM	47	50		48	Intermittent noise sources:	YES
	11:15 – 11:30 AM	46	49		48	— Heavy vehicles on Erskine Park Road (48 – 60 dBA)	YES
	11:30 – 11:45 AM	46	49		48	— Heavy vehicle compression braking (47 – 54 dBA)	YES
19/06/24	9:45 – 10:00 AM	43	46		48	— Planes (52 – 60 dBA)	YES
	10:00 – 10:15 AM	44	49		48	— Dogs (52 – 55 dBA)	YES
	10:15 – 10:30 AM	43	46		48	— Birds (49 – 61 dBA)	YES
	10:30 – 10:45 AM	42	47		48	— Insects (44 dBA)	YES
	10:45 – 11:00 AM	43	48		48	— Distant bang (54 – 60 dBA)	YES
	11:00 – 11:15 AM	42	46		48	— Car door slam (48 dBA)	YES
20/06/24	9:30 – 9:45 AM	45	49		48	— Car passby on Coowarra Drive (62 – 65 dBA)	YES
	9:45 – 10:00 AM	45	49		48	— Engine noise (56 – 64 dBA)	YES
	10:00 – 10:15 AM	45	50		48	— Industrial noise (< 40 dBA)	YES
	10:15 – 10:30 AM	43	51		48	Noise sources associated with Project site:	YES
	10:30 – 10:45 AM	42	47		48	— Generally inaudible	YES
	10:45 – 11:00 AM	43	49		48	— Reverse beeping (< 39 dBA L _{Max})	YES

Note: Noise sources associated with the Project 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 4.3 Location R03 – 19 Mandalong Close, Erskine Park – Measurement Results

Date	Time	Total measurement result (15 min)		Estimated site contribution	Criterion Leq (15 min), dBA	Observations and noted noise level (Leq,t)	Considered compliant
		dBA L ₉₀	dBA L _{eq}	dBA L _{eq}			
18/06/24	10:15 – 10:30 AM	45	57	Nil	49	Dominant background noise:	YES
	10:30 – 10:45 AM	46	53		49	— Background traffic from Mamre Road (47 – 50 dBA)	YES
	10:45 – 11:00 AM	45	54		49	Intermittent noise sources:	YES
	11:00 – 11:15 AM	46	55		49	— Car pass-by on Mandalong Close (67 – 70 dBA)	YES
	11:15 – 11:30 AM	45	53		49	— Heavy vehicle pass-by on Mandalong Close (69 – 83 dBA)	YES
	11:30 – 11:45 AM	46	56		49	— Heavy vehicles on Mamre Road (53 – 60 dBA)	YES
19/06/24	9:45 – 10:00 AM	44	55		49	— Heavy vehicle compression braking on Mamre Road (55 – 63 dBA)	YES
	10:00 – 10:15 AM	45	58		49	— Plane (55 – 70 dBA)	YES
	10:15 – 10:30 AM	44	55		49	— Birds (47 – 56 dBA)	YES
	10:30 – 10:45 AM	43	57		49	— Dogs (48 – 49 dBA)	YES
	10:45 – 11:00 AM	44	56		49	— Insects (44 – 47 dBA)	YES
	11:00 – 11:15 AM	43	55		49	— Leaves rustling (46 – 47 dBA)	YES
20/06/24	9:30 – 9:45 AM	48	58		49	Noise sources associated with Project site:	YES
	9:45 – 10:00 AM	48	58		49	— Inaudible	YES
	10:00 – 10:15 AM	48	56		49		YES
	10:15 – 10:30 AM	47	57		49		YES
	10:30 – 10:45 AM	45	55		49		YES
	10:45 – 11:00 AM	46	55		49		YES

Note: Noise sources associated with the Project 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.

Uploaded onto the CWY Website: 29 April 2025

Provided to NSW EPA: 9 July 2024

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

Date	Time	Total measurement result (15 min)		Estimated site contribution	Criterion Leq (15 min), dBA	Observations and noted noise level (Leq,t)	Considered compliant
		dBA L ₉₀	dBA L _{eq}	dBA L _{eq}			
18/06/24	10:15 – 10:30 AM	44	48	< 39	48	Dominant background noise:	YES
	10:30 – 10:45 AM	45	49		48	— Distant traffic (40 – 45 dBA)	YES
	10:45 – 11:00 AM	46	51		48	— Leaves rustling (40 – 41 dBA)	YES
	11:00 – 11:15 AM	45	48		48	Intermittent noise sources:	YES
	11:15 – 11:30 AM	45	48		48	— Birds (46 – 57 dBA)	YES
	11:30 – 11:45 AM	44	49		48	— Dogs (45 dBA)	YES
19/06/24	9:45 – 10:00 AM	44	52		48	— Plane (47 – 54 dBA)	YES
	10:00 – 10:15 AM	44	48		48	— Tractor (50 – 51 dBA)	YES
	10:15 – 10:30 AM	44	47		48	— Power tools from nearby residences (43 – 50 dBA)	YES
	10:30 – 10:45 AM	43	46		48	— Resident dragging bin (54 – 56 dBA)	YES
	10:45 – 11:00 AM	43	47		48	Noise sources associated with Project site:	YES
	11:00 – 11:15 AM	43	47		48	— Generally inaudible	YES
20/06/24	9:30 – 9:45 AM	45	47		48	— Intermittent reverse beep (< 39 dBA L _{Max})	YES
	9:45 – 10:00 AM	45	52		48		YES
	10:00 – 10:15 AM	43	47		48		YES
	10:15 – 10:30 AM	43	48		48		YES
	10:30 – 10:45 AM	43	46		48		YES
	10:45 – 11:00 AM	43	46		48		YES

Note: Noise sources associated with the Project 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 4.4 Location R05 – 573 Mamre Road, Orchard Hills – Measurement Results

Date	Time	Total measurement result (15 min)		Estimated site contribution	Criterion Leq (15 min), dBA	Observations and noted noise level (Leq,t)	Considered compliant
		dBA L ₉₀	dBA L _{eq}	dBA L _{eq}			
18/06/24	10:15 – 10:30 AM	55	64	Nil	49	Dominant background noise:	YES
	10:30 – 10:45 AM	55	65		49	— Traffic on Mamre Road (54 – 68 dBA)	YES
	10:45 – 11:00 AM	56	65		49	Intermittent noise sources:	YES
	11:00 – 11:15 AM	55	64		49	— Heavy vehicle pass-by (69 – 85 dBA)	YES
	11:15 – 11:30 AM	55	64		49	— Engine noise (75 – 76 dBA)	YES
	11:30 – 11:45 AM	55	64		49	— Plane (63 – 64 dBA)	YES
19/06/24	9:45 – 10:00 AM	55	64		49	— Birds (55 – 61 dBA)	YES
	10:00 – 10:15 AM	55	65		49	Noise sources associated with Project site:	YES
	10:15 – 10:30 AM	55	65		49	— Inaudible	YES
	10:30 – 10:45 AM	53	63		49		YES
	10:45 – 11:00 AM	55	67		49		YES
	11:00 – 11:15 AM	52	64		49		YES
20/06/24	9:30 – 9:45 AM	56	65		49		YES
	9:45 – 10:00 AM	55	64		49		YES
	10:00 – 10:15 AM	57	66		49		YES
	10:15 – 10:30 AM	57	66		49		YES
	10:30 – 10:45 AM	57	66		49		YES
	10:45 – 11:00 AM	58	65		49		YES

Note: Noise sources associated with the Project 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	Total measurement result (15 min)		Estimated site contribution	Criterion Leq (15 min), dBA	Observations and noted noise level (Leq,t)	Considered compliant
		dBA L ₉₀	dBA L _{eq}				
18/06/24	10:15 – 10:30 AM	59	69	Nil	49	Dominant background noise:	YES
	10:30 – 10:45 AM	56	70		49	— Traffic from Mamre Road (63 – 77 dBA)	YES
	10:45 – 11:00 AM	57	70		49	Intermittent noise sources:	YES
	11:00 – 11:15 AM	56	69		49	— Heavy vehicle pass-by (67 – 84 dBA)	YES
	11:15 – 11:30 AM	56	69		49	— Heavy vehicle compression braking (71 – 78 dBA)	YES
	11:30 – 11:45 AM	55	69		49	— Engine noise (76 – 85 dBA)	YES
19/06/24	9:45 – 10:00 AM	55	68		49	— Plane (57– 62 dBA)	YES
	10:00 – 10:15 AM	56	69		49	— Birds (54 – 56 dBA)	YES
	10:15 – 10:30 AM	56	69		49	— Leaves rustling (49 – 56 dBA)	YES
	10:30 – 10:45 AM	56	69		49	— Construction noise (47 – 60 dBA)	YES
	10:45 – 11:00 AM	56	69		49	Noise sources associated with Project site:	YES
	11:00 – 11:15 AM	56	70		49	— Inaudible	YES
	11:15 – 11:30 AM	56	70		49		YES
20/06/24	9:30 – 9:45 AM	57	70		49		YES
	9:45 – 10:00 AM	57	69		49		YES
	10:00 – 10:15 AM	57	70		49		YES
	10:15 – 10:30 AM	56	70		49		YES
	10:30 – 10:45 AM	55	69		49		YES
	10:45 – 11:00 AM	59	70		49		YES

Note: Noise sources associated with the Project site were observed to be inaudible with the dominant noise sources contributing to the measured values being traffic and construction from another site. 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	Total measurement result (15 min)		Estimated site contribution	Criterion Leq (15 min), dBA	Observations and noted noise level (Leq,t)	Considered compliant
		dBA L ₉₀	dBA L _{eq}				
18/06/24	10:15 – 10:30 AM	43	47	< 39	42	Dominant background noise:	YES
	10:30 – 10:45 AM	43	46		42	— Distant traffic noise (39 – 42 dBA)	YES
	10:45 – 11:00 AM	43	50		42	— Leaves rustling (39 – 48 dBA)	YES
	11:00 – 11:15 AM	43	46		42	Intermittent noise sources:	YES
	11:15 – 11:30 AM	42	46		42	— Heavy vehicle braking noise (47 – 48 dBA)	YES
	11:30 – 11:45 AM	42	46		42	— Heavy traffic (46 – 47 dBA)	YES
19/06/24	9:45 – 10:00 AM	41	44		42	— Plane (43 – 68 dBA)	YES
	10:00 – 10:15 AM	42	50		42	— Birds (44 – 57 dBA)	YES
	10:15 – 10:30 AM	42	46		42	— Children playing (40 – 47 dBA)	YES
	10:30 – 10:45 AM	42	44		42	— PA in nearby school (57 – 64 dBA)	YES
	10:45 – 11:00 AM	42	48		42	— Power tools from nearby residences (47 – 49 dBA)	YES
	11:00 – 11:15 AM	41	44		42	Noise sources associated with Project site:	YES
20/06/24	9:30 – 9:45 AM	42	48		42	— Generally inaudible	YES
						— Reverse beeping (< 39 dBA)	YES
	9:45 – 10:00 AM	43	47		42	— Intermittent excavator noise (41 dBA L _{max})	YES
	10:00 – 10:15 AM	43	46		42		YES
	10:15 – 10:30 AM	42	49		42		YES
	10:30 – 10:45 AM	42	45		42		YES
	10:45 – 11:00 AM	42	45		42		YES

Note: Noise sources associated with the Project 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.