

Table 4.1 Attended noise monitoring results – 15-16 February 2023

Monitoring location	Period	Date, start time	Meteorological conditions ¹ Stability category Limits apply? (Y/N)	Total measured noise levels (15-min)				Estimated site contribution		EPL limits, Compliant? (Y/N)		Field observations
				L _{Amin}	L _{A90}	L _{Aeq,15min}	L _{Amax}	L _{Aeq,15min}	L _{Amax}	L _{Aeq,15min}	L _{Amax}	
Pleasant View ²	Day	15/02/2023 2:54pm	1.3m/s SSW Stability Category A Y	39	41	43	59	39	N/A	40 N/A ³	N/A	Site noise: Constant hum of site and reverse beepers audible at times. Other ambient noise: Constant insects, frequent birdsong and wind rustling foliage.
	Evening	15/02/2023 9:45pm	0.4m/s NE Stability Category F Y	46	48	51	68	40	N/A	40 N/A ³	N/A	Site noise: Constant hum of site, reversing tones and occasional bangs/clangs. Other ambient noise: Constant insects, frequent livestock and wind rustling foliage.
	Night	15/02/2023 10:00pm	1.0m/s ENE Stability Category F Y	44	47	60	66	40	54	40 N/A ³	45 N/A ³	Site noise: Constant hum of site, reversing tones and occasional bangs/clangs. Other ambient noise: Frequent livestock, constant insects and wind rustling foliage.
Reka	Day	15/02/2023 3:41pm	1.6m/s SW Stability Category A Y	34	38	41	55	35	N/A	36 N/A ³	N/A	Site noise: Hum of site audible at times. Other ambient noise: Constant insects, frequent birdsong, air conditioning unit hum and wind rustling foliage.
	Evening	16/02/2023 6:14pm	1.2m/s WSW Stability Category F Y	38	40	48	75	37	N/A	36 N/A ³	N/A	Site noise: Constant hum of site audible . Other ambient noise: Constant insects, frequent birdsong and livestock.

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				L _{Amin}	L _{A90}	L _{Aeq,15min}	L _{Amax}	L _{Aeq,15min}	L _{Amax}	L _{Aeq,15min}	L _{Amax}	
	Night	15/02/2023 10:36pm	2.5m/s ESE Stability Category D Y	41	44	45	57	40	41	36 N/A ³	45 N/A ³	Site noise: Constant hum of site. Other ambient noise: Constant insects and frogs, wind rustling foliage and constant distant traffic.
Whispering Pine	Day	15/02/2023 4:05pm	1.5m/s SSE Stability Category A Y	38	40	41	51	IA	N/A	35 N/A ³	N/A	Site inaudible. Other ambient noise: Constant insects, frequent birdsong, air conditioning hum and wind rustling foliage occasionally.
	Evening	16/02/2023 6:33pm	0.9m/s E Stability Category F Y	35	37	50	74	36	N/A	35 N/A ³	N/A	Site noise: Hum of site just audible at times. Other ambient noise: Constant insects, frequent birdsong and livestock noise.
	Night	15/02/2023 10:59pm	1.6m/s ESE Stability Category E Y	37	39	41	60	39	39	35 N/A ³	45 N/A ³	Site noise: Constant hum of site. Other ambient noise: Constant insects, wind rustling foliage and dogs barking occasionally.
Brentwood	Day	15/02/2023 4:37pm	2.0m/s NE Stability Category B Y	37	40	48	59	IA	N/A	35 N/A ³	N/A	Site inaudible. Other ambient noise: Constant insects, frequent birdsong and livestock, frequent traffic on Snowy Mountains Highway and wind rustling foliage occasionally.

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				L _{Amin}	L _{A90}	L _{Aeq,15min}	L _{Amax}	L _{Aeq,15min}	L _{Amax}	L _{Aeq,15min}	L _{Amax}	
	Evening	15/02/2023 9:05pm	0.3m/s NE Stability Category E Y	53	55	56	63	IA	N/A	35 N/A ³	N/A	Site inaudible. Other ambient noise: Constant insects, frequent traffic on Snowy Mountains Highway and wind rustling foliage occasionally.
	Night	15/02/2023 11:29pm	1.6m/s SE Stability Category F Y	45	46	49	69	40	40	35 N/A ³	45 N/A ³	Site noise: Constant hum of site audible. Other ambient noise: Constant insects, livestock, wind rustling foliage and traffic on Snowy Mountains Highway.
Deep Creek	Day	15/02/2023 5:02pm	1.1m/s SW Stability Category A Y	43	45	50	68	IA	N/A	39 N/A ³	N/A	Site inaudible. Other ambient noise: Constant insects, frequent birdsong, frequent traffic on Snowy Mountains Highway and wind rustling foliage occasionally.
	Evening	15/02/2023 8:44pm	1.4m/s N Stability Category F Y	47	49	56	75	IA	N/A	39 N/A ³	N/A	Site inaudible. Other ambient noise: Constant insect noise, traffic on Snowy Mountains Highway and wind rustling foliage.
	Night	16/02/2023 12:12am	1.8m/s ESE Stability Category F Y	40	42	49	68	39	40	39 N/A ³	45 N/A ³	Site noise: Hum of site audible, occasional bangs. Other ambient noise: Constant insect noise and traffic on Snow Mountains Highway.

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				L _{Amin}	L _{A90}	L _{Aeq,15min}	L _{Amax}	L _{Aeq,15min}	L _{Amax}	L _{Aeq,15min}	L _{Amax}	
Glengarry	Day	15/02/2023 5:20pm	2.3m/s SSW Stability Category A Y	44	47	52	64	IA	N/A	35 N/A ³	N/A	Site inaudible. Other ambient noise: Constant insects, livestock frequent birdsong, dogs barking, frequent traffic on Snowy Mountains Highway and wind rustling foliage occasionally.
	Evening	15/02/2023 8:26pm	1.4.m/s NNW Stability Category F Y	50	52	55	71	IA	N/A	35 N/A ³	N/A	Site inaudible. Other ambient noise: Wind rustling foliage occasionally, dogs barking, traffic on Snowy Mountains Highway, occasional birdsong and constant insects/frogs.
	Night	15/02/2023 11:55pm	1.8m/s SE Stability Category F Y	46	49	51	66	44	50	35 N/A ³	45 N/A ³	Site noise: Truck movements on access road. Other ambient noise: Wind rustling foliage, traffic on Snowy Mountains Highway and constant insect noise.
Beale	Day	16/02/2023 12:20pm	1.6m/s SSE Stability Category A Y	37	41	45	63	IA	N/A	35 N/A ³	N/A	Site inaudible. Other ambient noise: Constant insects, frequent birdsong, frequent traffic on Snowy Mountains Highway and livestock.
	Evening	15/02/2023 7:43pm	1.5m/s NW Stability Category D Y	44	49	54	78	IA	N/A	35 N/A ³	N/A	Site inaudible. Other ambient noise: Constant insects, frequent birdsong, livestock and traffic on Snowy Mountains Highway.

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				L _{Amin}	L _{A90}	L _{Aeq,15min}	L _{Amax}	L _{Aeq,15min}	L _{Amax}	L _{Aeq,15min}	L _{Amax}	
	Night	16/02/2023 12:37am	1.6m/s SE Stability Category F Y	45	48	52	66	IA	IA	35 Y	45 Y	Site inaudible. Other ambient noise: Traffic on Snowy Mountains Highway and constant insects/frogs.
Gentle	Day	16/02/2023 12:00pm	1.4m/s SSE Stability Category A Y	34	39	54	70	IA	N/A	35 N/A	N/A	Site inaudible. Other ambient noise: constant traffic on Snowy Mountains Highway and constant insects.
	Evening	15/02/2023 8:04pm	1.6m/s NNW Stability Category D Y	35	42	55	72	IA	N/A	35 N/A	N/A	Site inaudible. Other ambient noise: Constant insects, livestock frequent birdsong, frequent traffic on Snowy Mountains Highway and wind rustling foliage occasionally.
	Night	16/02/2023 12:58am	0.9m/s SSW Stability Category F Y	32	35	48	67	IA	IA	35 Y	45 Y	Site inaudible. Other ambient noise: Traffic on Snowy Mountains Highway, constant insects, occasional foliage and occasional livestock.

Notes: 1. Meteorological conditions stated are as recorded at the on-site weather station; wind speeds were recorded at 10m AGL.
 2. Access to this property was not granted and hence attended noise monitoring was completed at an alternative representative location on Visy's site boundary (refer to Figure 3.1) and site contribution calculated back to the property.
 3. Noise limits do not apply at this residence as a negotiated agreement is in place.
 IA = inaudible
 N/A = not applicable