Sandy Point - 14309 Heathcote Road, Menai NSW 2172

EPA Licence No: 1924

### **Noise Monitoring Requirements:**

Noise monitoring is to be performed on a quarterly basis during operating hours for a duration of 15 minutes in both the Morning-Shoulder and Evening periods at each of the nominated monitoring points listed below.

### **Location of Monitoring Points:**

EPA Identification No.:

- 3 Residential receiver to the North-west of the site in Sandy Point community.
- 4 Residential receiver to the North of the site in Picnic Point community.
- 5 Residential receiver to the East of the site in Alfords Point communty.

#### **Summary of Results:**

Date	EPA Identification No	Period	Site Noise Level Construction		EPL Limits, dB		Compliance (Y/N)
			$L_{Aeq}$	$L_{Amax}$	$L_{Aeq}$	$L_{Amax}$	Compliance (1/N)
10/3/20 - 11/3/20	3	Morning-Shoulder	38*	42	37 (Morning-Shoulder)       45 (Morning-Shoulder)         35 (Evening)       N/A (Evening)         35 (Morning-Shoulder)       45 (Morning-Shoulder)         35 (Evening)       N/A (Evening)         37 (Morning-Shoulder)       45 (Morning-Shoulder)	45 (Morning-Shoulder)	
		Evening	I/A	I/A		N/A (Evening)	Y
	4	Morning-Shoulder	38*	42		45 (Morning-Shoulder)	
		Evening	I/A	I/A		N/A (Evening)	
	5	Morning-Shoulder	33	36			
		Evening	I/A	I/A	35 (Evening)	N/A (Evening)	

#### Notes:

I/A Inaudible

Nil Quarry not in operation

\* Noise limits did not apply during these periods due to the temperature inversion conditions of greater than the EPL threshold of 3m/s measured at 10m above ground level. Inversion conditions of greater than 4°C/100m were present.

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			$L_{Aeq}$	$L_{Amax}$	$L_{Aeq}$	$L_{Amax}$	Compliance (1/N)
11/06/2020	3	Morning-Shoulder	<31	34	37 (Morning-Shoulder) 35 (Evening) 45 (Morning-Shoulder) 35 (Morning-Shoulder) 35 (Evening) 45 (Morning-Shoulder) N/A (Evening) 37 (Morning-Shoulder) 45 (Morning-Shoulder)	45 (Morning-Shoulder)	<u> </u>
		Evening	35	N/A		N/A (Evening)	
	4	Morning-Shoulder	<31	34		45 (Morning-Shoulder)	
		Evening	35	N/A		N/A (Evening)	
	5	Morning-Shoulder	I/A	I/A			
		Evening	I/A	N/A	35 (Evening)	N/A (Evening)	

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### Summary of Results:

Date	EPA Identification No	Period	Site Noise Level Construction		EPL Limits, dB		Compliance (V/N)
			$L_{Aeq}$	$L_{Amax}$	$L_{Aeq}$	$L_{Amax}$	Compliance (Y/N)
6/08/2020	3	Morning-Shoulder	I/A	I/A	37 (Morning-Shoulder) 35 (Evening)	45 (Morning-Shoulder)	Y
		Evening	I/A	N/A		N/A (Evening) 45 (Morning-Shoulder)	
	4	Morning-Shoulder	I/A	I/A	35 (Evening) N/A (Even 37 (Morning-Shoulder) 45 (Morning-Shoulder)		
		Evening	34	N/A		N/A (Evening)	
	5	Morning-Shoulder	I/A	I/A		45 (Morning-Shoulder)	
		Evening	I/A	N/A		N/A (Evening)	

Notes:

I/A Inaudible

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### Summary of Results:

Date	EPA Identification No	Period	Site Noise Level Construction		EPL Limits, dB		Compliance (V/N)
			$L_{Aeq}$	$L_{Amax}$	$L_{Aeq}$	$L_{Amax}$	Compliance (Y/N)
9/12/2020	3	Morning-Shoulder	I/A	I/A	37 (Morning-Shoulder) 35 (Evening)	45 (Morning-Shoulder)	
		Evening	I/A	I/A		N/A (Evening) 45 (Morning-Shoulder)	Y
	4	Morning-Shoulder	I/A	I/A	35 (Evening) N/A (Evening)		
		Evening	I/A	I/A		N/A (Evening)	
	5	Morning-Shoulder	33	35		45 (Morning-Shoulder)	
		Evening	I/A	I/A		N/A (Evening)	

Notes:

I/A Inaudible