

Blast Monitoring Requirements:

At any residence or noise sensitive location (such as school or hospital) that is not owned by the licensee or subject of a private agreement between the owner of the residence or noise sensitive location and the licensee as to an alternative airblast overpressure or ground vibration level.

Location of Monitoring Points:

- Monitoring Point 1: Sandy Point Community Hall, St George Crescent, Sandy Point NSW 2172.
- Monitoring Point 2: any point within 20 metres of 13 Carinya Road, Picnic Point NSW 2213.

Summary of Results:

Monitoring Point 1:

Parameter	Unit of Measure	Criteria (at any time)	Allowable Exceedance *
Airblast Overpressure	dB (Lin Peak)	120	115
Ground Vibration Level	mm/s	10	5

\* applies to 95% of total number of blasts conducte during each reporting period.

Individual Results:

Monitoring Point 1:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
No Blasting conducted during this period				

Monitoring Point 2:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
No Blasting conducted during this period				

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Ground Vibration Level	mm/s	10	5

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Individual Results:

Monitoring Point 1:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
08/02/2023 14:21:00 PM	Airblast Overpressure	dB (Lin Peak)	NA*	N
	Ground Vibration Level	mm/s	0.76	N

Monitoring Point 2:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
08/02/2023 14:21:00 PM	Airblast Overpressure	dB (Lin Peak)	122.0	Y
	Ground Vibration Level	mm/s	0.63	N

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Airblast Overpressure	dB (Lin Peak)	120	115
Ground Vibration Level	mm/s	10	5

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Individual Results:

Monitoring Point 1:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
16/03/2023 14:22:00 PM	Airblast Overpressure	dB (Lin Peak)	98.8	N
	Ground Vibration Level	mm/s	1.11	N

Monitoring Point 2:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
16/03/2023 14:22:00 PM	Airblast Overpressure	dB (Lin Peak)	103.5	N
	Ground Vibration Level	mm/s	1.65	N

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Summary of Results:

Monitoring Point 1:

Parameter	Unit of Measure	Criteria (at any time)	Allowable Exceedance *
Airblast Overpressure	dB (Lin Peak)	120	115
Ground Vibration Level	mm/s	10	5

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Individual Results:

Monitoring Point 1:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
27/04/2023 13:59:00 PM	Airblast Overpressure	dB (Lin Peak)	98.8	N
	Ground Vibration Level	mm/s	1.27	N

Monitoring Point 2:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
27/04/2023 13:59:00 PM	Airblast Overpressure	dB (Lin Peak)	102.8	N
	Ground Vibration Level	mm/s	2.67	N

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Summary of Results:

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Airblast Overpressure	dB (Lin Peak)	120	115
Ground Vibration Level	mm/s	10	5

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Monitoring Point 1:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
No Blasting conducted during this period				

Monitoring Point 2:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
No Blasting conducted during this period				

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Monitoring Point 1:

Parameter	Unit of Measure	Criteria (at any time)	Allowable Exceedance *
Airblast Overpressure	dB (Lin Peak)	120	115
Ground Vibration Level	mm/s	10	5

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Individual Results:

Monitoring Point 1:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
29/06/2023 14:10:00 PM	Airblast Overpressure	dB (Lin Peak)	104.9	N
	Ground Vibration Level	mm/s	0.51	N

Monitoring Point 2:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
29/06/2023 14:10:00 AM	Airblast Overpressure	dB (Lin Peak)	108.0	N
	Ground Vibration Level	mm/s	1.50	N

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Summary of Results:

Monitoring Point 1:

Parameter	Unit of Measure	Criteria (at any time)	Allowable Exceedance *
Airblast Overpressure	dB (Lin Peak)	120	115
Ground Vibration Level	mm/s	10	5

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Monitoring Point 1:

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No Blasting conducted during this period				

Monitoring Point 2:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
No Blasting conducted during this period				

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Monitoring Point 1:

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Airblast Overpressure	dB (Lin Peak)	120	115
Ground Vibration Level	mm/s	10	5

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Individual Results:

Monitoring Point 1:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
21/08/2023 13:02:00 PM	Airblast Overpressure	dB (Lin Peak)	95.9	N
	Ground Vibration Level	mm/s	0.51	N

Monitoring Point 2:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
21/08/2023 13:02:00 PM	Airblast Overpressure	dB (Lin Peak)	98.8	N
	Ground Vibration Level	mm/s	1.78	N



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Ground Vibration Level	mm/s	10	5

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Individual Results:

Monitoring Point 1:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
6-Sep-23	Airblast Overpressure	dB (Lin Peak)	>100*	N
14.00PM	Ground Vibration Level	mm/s	>0.51*	N

Monitoring Point 2:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
6-Sep-23	Airblast Overpressure	dB (Lin Peak)	107.00	N
14.00PM	Ground Vibration Level	mm/s	0.89	N

\* At the Community Centre the blast noise and vibration did not reach the blast trigger level set for the event

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Airblast Overpressure	dB (Lin Peak)	120	115
Ground Vibration Level	mm/s	10	5

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Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
16-Oct-23	Airblast Overpressure	dB (Lin Peak)	98.80	N
13.48PM	Ground Vibration Level	mm/s	0.85	N

Monitoring Point 2:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
16-Oct-23	Airblast Overpressure	dB (Lin Peak)	98.00	N
13.48PM	Ground Vibration Level	mm/s	2.50	N

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Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
2-Nov-23	Airblast Overpressure	dB (Lin Peak)	111.20	N
13.52PM	Ground Vibration Level	mm/s	0.13	N

Monitoring Point 2:

Blast Date	Parameter	Unit of Measure	Blast Monitor Result	Exceedance (Y/N)
2-Nov-23	Airblast Overpressure	dB (Lin Peak)	112.80	N
13.52PM	Ground Vibration Level	mm/s	0.63	N

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