

3/12/2018

### Orica monitoring at the Sandy Point Quarry meets EPA requirements

To whom it may concern

This letter is to confirm that the compliance monitoring at **Community Hall** for the Sandy Point Quarry meets the EPA requirements.

A Minimate blast monitor was used to measure Ground Vibration and Airblast Overpressure at 15.10 pm on 3/12/2018. This instrument is well within calibration period with calibration due in January 2019. Orica also use InstanTel Minimate monitoring equipment at times, all Orica's monitoring equipment is in calibration in accordance with the Australian Standards AS 2187.2

The Airblast of 102.8dBL and PPV of 1.78mm/s was recorded at this location.

The EPA provides the license conditions for Airblast and Vibration at the Sandy Point Quarry. Airblast results must not exceed:

- (a) 115 dBL for 95% of the total number of blasts during each reporting period; and
- (b) 120 dBL at any time.

EPA license conditions state that vibration results at the Sandy Point Quarry must not exceed:

- (a) 5mm/s for 95% of the total number of blasts carried out on the premises during each reporting period; and
- (b) 10mm/s at any time.

Kind Regards

*Brenden wood*

Brenden Wood

## Benedict Industries Pty Ltd

Sandy Point Quarry - Heathcote Road, Sandy Point NSW 2171

EPA Licence No: 1924

### Monitoring Point 1:

Sandy Point Community Hall, St George Crescent, Sandy Point

Blast Date	Airblast Overpressure		Ground Vibration Level	
	dB (Lin Peak)	Criteria Limit	mm/s	Criteria Limit
22/05/2012	112	120	0.68	10
17/07/2012	111	120	0.50	10
30/08/2018	99	120	1.21	10
2/04/2013	<100	120	<0.51	10
30/07/2013	114	120	0.62	10
20/08/2013	100	120	0.57	10
24/09/2013	111	120	0.13	10
13/11/2013	100	120	0.51	10
7/02/2014	98.8	120	1.95	10
27/05/2014	101.9	120	1.79	10
29/07/2014	95.9	120	1.57	10
20/10/2016	98.8	120	0.93	10
1/05/2017	97.5	120	0.90	10
19/10/2017	101.9	120	1.27	10
3/07/2018	101	120	1.80	10
3/12/2018	102.8	120	1.78	10