



Attachment 4.1H - Environmental Monitoring Worksheet

Period: **16/1/2017** - **31/1/2017**

Location	Test	Freq	Limit	Units	Sample Date	NSW Environment Protection Licence Requirement	Date Sample Transferred to Laboratory	Date Sample Results Received by Holcim	Date of Remote Data Download	Result	Comments
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min max

NRR = No Result Recorded

Site: Albion Park Quarry

Environment Protection Licence No.	122
Site Name (As it appears on the licence)	Albion Park Quarry
Site Address (As it appears on the licence)	Albion Park Quarry Woollybutt Drive ALBION PARK RAIL NSW 2527
Link to Licence on EPA Website	http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31016&SYSUID=1&LICID=122

Blasting

		Per Blast		5	mm/s	30/01/2017	Y	30/01/2017	30/01/2017		0.54	
		Per Blast		115	dB	30/01/2017	Y	30/01/2017	30/01/2017		81.6	

Site: "Johnniefields" Marulan Quarry

Environment Protection Licence No.	1371
Site Name (As it appears on the licence)	Marulan Quarry
Site Address (As it appears on the licence)	Marulan Quarry Brayton Road MARULAN NSW 2579
Link to Licence on EPA Website	http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=28960&SYSUID=1&LICID=1371

Blasting

Underdowns	Overpressure	Per Blast		115	dB		Y				NRR	No blasting in the reporting period.
	Vibration	Per Blast		5	mm/s		Y				NRR	

Site: Lynwood Quarry

Environment Protection Licence No.	12939
Site Name (As it appears on the licence)	Lynwood Quarry
Site Address (As it appears on the licence)	Lynwood Quarry 278 Stoney Creek Road, MARULAN NSW 2579
Link to Licence on EPA Website	http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=28960&SYSUID=1&LICID=12939

Air

HVAS 1	PM10	24hr (every 6 days)	0	50	µg/m3	24/1/17	Y	25/1/27	31/1/17		11.3	
HVAS 1	PM10	24hr (every 6 days)	0	50	µg/m3	30/1/17	Y	3/2/2017	10/2/2017		18	
HVAS 2	PM10	24hr (every 6 days)	0	50	µg/m3	24/1/17	Y	25/1/27	31/1/17		18.9	
HVAS 2	PM10	24hr (every 6 days)	0	50	µg/m3	30/1/17	Y	3/2/2017	10/2/2017		24.3	

Blasting

B3	Peak Particle Velocity	Per Blast	0	5	mm/sec		Y				NRR	No blasting in the reporting period.
B3	Overpressure	Per Blast	0	115	dB		Y				NRR	

Site: Cooma Road Quarry

Environment Protection Licence No.	1453
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			min	max								
NRR = No Result Recorded												
							Site Name (As it appears on the licence)	Cooma Road Quarry				
							Site Address (As it appears on the licence)	Cooma Road Quarry Cooma Road Queanbeyan NSW 2620				
							Link to Licence on EPA Website	http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=28929&SYSUID=1&LICID=1453				
Blasting												
Heffernans House	Overpressure	Per blast	0	115	dB	Y				NRR	No blasting in the reporting period.	
	Vibration	Per blast	0	5	mm/s	Y				NRR		

Site: Dubbo Quarry												
							Environment Protection Licence No.	2212				
							Site Name (As it appears on the licence)	Dubbo Quarry				
							Site Address (As it appears on the licence)	Sheraton Road, Dubbo, NSW,2830				
							Link to Licence on EPA Website	http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=29036&SYSUID=1&LICID=2212				
Blasting												
WARRENS HOUSE	Overpressure	Per blast		120	dB	Y				NRR	No blasting in the reporting period	
	Vibration	Per blast		10	mm/s	Y				NRR		

Site: Humes - Blacktown												
							Environment Protection Licence No.	1310				
							Site Name (As it appears on the licence)	Humes Blacktown				
							Site Address (As it appears on the licence)	Humes Blacktown Lot 1 Woodstock Ave ROOTY HILL NSW 2766				
							Link to Licence on EPA Website	http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=28958&SYSUID=1&LICID=1310				
Water												
Sediment Basin	TSS	Daily During Discharge		50	mg/L	Y				NRR	No discharge during the reporting period.	
	pH	Daily During Discharge	6.5	8.5	pH	Y				NRR		

Site: Teven Quarry												
							Environment Protection Licence No.	3293				
							Site Name (As it appears on the licence)	Readymix Teven Quarry				
							Site Address (As it appears on the licence)	Stokers Lane Teven NSW 2478				
							Link to Licence on EPA Website	http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=29168&SYSUID=1&LICID=3293				
Water												
ID #1	pH	Weekly	6.5	8.5	pH	19/2/17	Y	19/01/2017	19/01/22017		7.8	



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			min	max								NRR = No Result Recorded
ID #1	pH	Weekly	6.5	8.5	pH	27/1/17	Y	27/01/2017	27/01/2017		7.4	

Site: **Boambee Quarry**

Environment Protection Licence No.	7094
Site Name (As it appears on the licence)	Boambee Quarry
Site Address (As it appears on the licence)	Boambee Quarry North Boambee Road BOAMBE NSW 2450
Link to Licence on EPA Website	http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=31235&SYSUID=1&LICID=7094

Blasting (M4 & L2.1 - To determine compliance with L3, measurements to be taken at any point within 1 metre of residential boundary)												
Overpressure	Per blast	0	120	dB		Y					NRR	No blasting in the reporting period.
Vibration	Per blast	0	10	mm/s		Y					NRR	

Site: **Tuncurry Sand**

Environment Protection Licence No.	13359
Site Name (As it appears on the licence)	Tuncurry Sand Quarry
Site Address (As it appears on the licence)	Tip Road Tuncurry NSW 2428
Link to Licence on EPA Website	http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=30945&SYSUID=1&LICID=13359

Site: **Jandra Quarry**

Environment Protection Licence No.	2796
Site Name (As it appears on the licence)	Jandra Quarry
Site Address (As it appears on the licence)	Pacific Highway Possum Brush NSW 2430
Link to Licence on EPA Website	http://www.environment.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=30958&SYSUID=1&LICID=2796

Blasting (To determine compliance with L3, measurements to be taken at any point within 1 metre of residential boundary)												
Overpressure	Per blast	0	120	dB	27/01/2017	Y	27/01/2017	27/01/2017			108.9	
Vibration	Per blast	0	10	mm/s	27/01/2017	Y	27/01/2017	27/01/2017			3.1	