

Pollution Monitoring Data - Holcim Cooma Road Quarry (EPL Number 1453)																	
Facility Address Cooma Road, Queanbeyan, NSW, 2620																	
Link to EPL on Public Register https://apps.epa.nsw.gov.au/pmoapp/Detail.aspx?msld=1453&id=1453&option=licence&searchrange=licence&range=POEO%20licence&pp=no&status=Issued																	
Date Dataset Updated Friday, July 1, 2022																	
Date Dataset Uploaded 12 August 2022																	
Reporting Period 1st May 2022 onwards																	

Air Quality Monitoring - Deposition Results																				
Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Average (YTD)	Month Sample Date	January	February	March	April	May	June	July	August	September	October	November	December
									05/01/2022	03/02/2022	07/03/2022	06/04/2022	05/05/2022	02/06/2022	04/07/2022	04/08/2022	05/09/2022	06/10/2022	07/11/2022	07/12/2022
DD1			-	4	mg/m2/month	InsolubleSolids	2.16	Result	5.4	1.4	1.4	2.6	1.3	1.1	0.9	1.7	0.3	1.6	2.9	5.3
								Pass / Fail	Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Fail
DD2			-	4	mg/m2/month	InsolubleSolids	1.03	Result	2.4	1.6	0.8	0.9	0.7	0.8	0.7	0.2	0.7	1.1	1.7	
								Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DD3	Monthly & Annual Average	tSchedule 3Conditio	-	4	mg/m2/month	InsolubleSolids	1.07	Result	1.7	3.5	1.5	0.5	0.7	0.4	0.4	0.4	0.6	0.8	1.9	
								Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
DD4			-	4	mg/m2/month	InsolubleSolids	4.60	Result	7.5	2.8	4	1	8.4	2.4	9.8	1.1	3.4	1.4	10	3.1
								Pass / Fail	Fail	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Pass	Fail	Pass	
DD5			-	4	mg/m2/month	InsolubleSolids	0.98	Result	2.4	0.9	1.8	1.3	0.6	0.9	0.3	0.4	0.3	0.6	0.6	1.6
								Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
Laboratory Report Date									24/01/2022	16/02/2022	28/03/2022	29/04/2022	19/05/2022	20/06/2022	19/07/2022	12/08/2022	12/09/2022	18/10/2022	16/11/2022	20/12/2022

Comments: Add any comments regarding the deposition monitoring outcomes in the fields below

Comment 1: 0

Comment 2: 0

Comment 3: 0

Comment 4: 0

Comment 5: 0

Comment 6: 0

Comment 7: 0

Comment 8: 0

Total Suspended Particles (TSP)																				
Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Average (YTD)	January	January	January	January	January	February	February	February	February	February	March	March	March	March
							03/01/2022	09/01/2022	15/01/2022	21/01/2022	27/01/2022	02/02/2022	08/02/2022	14/02/2022	20/02/2022	26/02/2022	04/03/2022	10/03/2022	16/03/2022	22/03/2022
HVAS Unit	Annual	Consent	-	90	µg/m3	20.32	14.6	17.5	26.9	39.3	27	17.2	22.6	74.5	31.3	19.4	12.9	43.2	12.4	44.1

Particulate Matter (PM10)																				
Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Average (YTD)	January	January	January	January	January	February	February	February	February	February	March	March	March	March
							03/01/2022	09/01/2022	15/01/2022	21/01/2022	27/01/2022	02/02/2022	08/02/2022	14/02/2022	20/02/2022	26/02/2022	04/03/2022	10/03/2022	16/03/2022	22/03/2022
HVAS Unit	Annual	Consent	-	30	µg/m3	7.61	5.8	7	10.8	15.7	10.8	6.9	9	29.8	12.5	7.7	5.2	17.3	5	17.6
Laboratory Report Number							24/01/2022	16/02/2022	16/02/2022	16/02/2022	16/02/2022	28/03/2022	28/03/2022	28/03/2022	28/03/2022	28/03/2022	28/03/2022	29/04/2022	29/04/2022	29/04/2022

Comments regarding blast monitoring outcomes

Comment 1: Filter for 3/04/2022 lost

Comment 2: Sample for 9/04/2022 invalidated as small chunk of filter was missing upon collection resulting in a negative result

Comment 3: 0

Noise Monitoring Results																		
Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Quarter Sample Date	Note: If the noise level from the quarry is inaudible enter the term "Inaudible" into the result cell										
								Q1	Q2	Q3	Q4							
								Time	19/01/22 & 20/01/22	Time	20/04/2022 & 21/04/2022	Time	0 Jan 1900	Time	0 Jan 1900			
N3 15 Copperfield Place, Lot 2, DP808393 Jerrabomberra	Quarterly	Schedule 3Conditio	-	35	dB	ShoulderLAeq(15min)	Result	06:40	40	06:37	42	06:44	<35	00:00	0	0		
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
							Result	08:09	43	08:38	44	12:26	<35	00:00	0	0		
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
							Result	18:30	46	18:01	41	18:44	0	00:00	0	0		
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
N8 North East of Quarry along Tempe Crescent	Quarterly	Schedule 3Conditio	-	40	dB	ShoulderLAeq(15min)	Result	06:38	55	06:41	55	06:39	<40	0	0			
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
							Result	09:53	53	09:25	53	11:05	<44	0	0	0		
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
							Result	20:05	48	19:32	50	19:54	0	0	0	0		
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass
			-	36	dB	ShoulderLAeq(15min)	Result	06:19	<36	06:23	<36	06:20	<36	0	0			
Estimated quarry contribution							Result	06:19	<36	06:23	<36	06:20	<36	0	0			

N38 Heights Road	Quarterly	Schedule 3Condition	-	38	dB	ayLaeq(15min)	Pass / Fail Result	09:25	09:06	10:46	0	0									
			Estimated query contribution	<38	<38	<38	0	0													
			Pass / Fail Result	Pass	Pass	Pass	Pass	0	0												
			Estimated query contribution	59	48	49	0	0													
N60 501 Old Cooma Road	Quarterly	Schedule 3Condition	-	36	dB	Shoulder/LAeq	Pass / Fail Result	06:00	06:02	06:00	0	0									
			Estimated query contribution	<36	<36	<36	0	0													
			Pass / Fail Result	Pass	Pass	Pass	Pass	0	0												
			Estimated query contribution	61	53	57	0	0													
N67 732 Old Cooma Road	Quarterly	Schedule 3Condition	-	36	dB	Shoulder/LAeq	Pass / Fail Result	06:10	06:03	06:07	0	0									
			Estimated query contribution	<30	<36	<36	0	0													
			Pass / Fail Result	Pass	Pass	Pass	Pass	0	0												
			Estimated query contribution	42	41	40	0	0													
N67 732 Old Cooma Road	Quarterly	Schedule 3Condition	-	41	dB	ayLaeq(15min)	Pass / Fail Result	08:59	10:07	11:31	0	0									
			Estimated query contribution	<30	33	<41	0	0													
			Pass / Fail Result	Pass	Pass	Pass	Pass	0	0												
			Estimated query contribution	46	39	48	0	0													
N67 732 Old Cooma Road	Quarterly	Schedule 3Condition	-	35	dB	ningLAeq(15m	Pass / Fail Result	19:21	18:32	19:08	0	0									
			Estimated query contribution	0	0	0	0	0													
			Pass / Fail Result	Pass	Pass	Pass	Pass	0	0												
			Estimated query contribution	60	57	54	0	0													
Report Issue Date								03/02/2022	09/05/2022	21/10/2022	00/01/1900										

Blast Monitoring Results

Note: If the blast did not trigger the monitor enter 'DN' into the table and a "Pass" result will be returned.

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Date Time	Result	Pass / Fail
Heffernans House	Per Blast	EPL Clause L4.1	-	115	dB (Lin Peak)	Over Pressure			
			-	5	mm/s	Ground Vibration			
Jerrabomberra	Per Blast	Blast Management Plan	-	115	dB (Lin Peak)	Over Pressure			
			-	5	mm/s	Ground Vibration			
Over Pressure Monitor Trigger Setting			90	dB					
Ground Vibration Monitor Trigger Setting			0.1	mm/s					

Comments regarding blast monitoring outcomes
Blast monitoring is not undertaken at the Lime Kiln monitoring point. The Lime Kiln is surveyed at a 6 monthly frequency in accordance with the sites heritage management plan.

Comment	
Blast Date	
Blast Date	
Blast Date	

Discharge Water Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	January	February	March	April	May	June	July	August	September	October	November	December	
Downstream in Barracks Creek	Monthly	Water Management Plan	6.5	8.5	pH	pH	Result	3.46	8.2	8.3	8.3	8.6	8.2	8.4	8.4	9.2	8	7.8	8.7
							Pass / Fail	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Fail	Pass	Pass	Fail
							Result	24	5	23	5	5	14	5	160	10	89	18	5
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Fail	Pass	Pass
Downstream in Barracks Creek	(Provided creek conditions allows safe access)	Clause 5.1.2 & 5.1.3	-	50	mg/L	uspended Solids	Result	5	9.8	5	5	16	7	5	10	5	5	12	
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Fail	Pass	Pass	
							Result	5	9.8	5	5	16	7	5	10	5	12		
							Pass / Fail	Pass	Pass	Pass	Pass	Fail	Pass	Pass	Pass	Pass	Pass	Fail	
Laboratory Report Date							24/1/2022	16/2/2022	28/3/2022	29/4/2022	19/5/2022	20/6/2022	19/07/2022	12/08/2022	13/09/2022	18/10/2022	25/11/2022	20/12/2022	

Comments regarding discharge water monitoring outcomes
Comment 1:

Groundwater Monitoring Results

Location	Water Bores MB01, MB02, GW400534 & GW16130
Frequency	Quarterly

