



**Pollution Monitoring Data - Holcim Cooma Road Quarry (EPL Number 1453)**

Facility Address	Cooma Road, Queanbeyan, NSW, 2620
Link to EPL on Public Register	<a href="https://apps.epa.nsw.gov.au/epo/epoapp/Detail.aspx?insid=1453&amp;site=1453&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;srp=no&amp;status=Issued">https://apps.epa.nsw.gov.au/epo/epoapp/Detail.aspx?insid=1453&amp;site=1453&amp;option=licence&amp;searchrange=licence&amp;range=POEO%20licence&amp;srp=no&amp;status=Issued</a>
Date Dataset Updated	Wednesday, December 8, 2021
Date Dataset Uploaded	Thursday, December 9, 2021
Reporting Period	1st May 2020 onwards

**Discharge Water Monitoring Results**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Event Date	Event Date	Event Date	Event Date	Event Date	Event Date	Event Date	Event Date	Event Date	Event Date	Event Date	Event Date			
							4/1/2021	5/2/2021	9/3/2021	7/4/2021	5/5/2021										
EPA Discharge Point Point 1 SIP Discharge to Barracks Creek	Each Discharge Event	EPL Section L2	6.5	8.5	pH	pH	Result	7.96	7.31	8.7	8.5	8.3									
							Pass / Fail	Pass	Pass	Fail	Pass	Pass									
			-	50	mg/L	Suspended Solids	Result	8.4	7.4	1	5	8									
							Pass / Fail	Pass	Pass	Pass	Pass	Pass									
			-	10	mg/L	Total Oil & Grease	Result	5	5	5	5	5									
							Pass / Fail	Pass	Pass	Pass	Pass	Pass									

Comments regarding discharge water monitoring outcomes

Comment 1:

**Air Quality Monitoring - Deposition Results**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Average (YTD)	Month	January	February	March	April	May	June	July	August	September	October	November	December					
								Sample Date	04/01/2021	05/02/2021	09/03/2021	07/04/2021	05/05/2021												
DD1	Monthly & Annual Average	Consent Schedule 3 Condition 14	-	4	mg/m2/month	Insoluble Solids	3	Result	0.1	3.5	2.7	3.5	5.2												
Pass / Fail								Pass	Pass	Pass	Pass	Pass													
Result								0.1	1.6	1.3	3.3	2.3													
Pass / Fail								Pass	Pass	Pass	Pass	Pass													
Result								0.1	1.9	1.7	0.5	1													
DD2	Monthly & Annual Average	Consent Schedule 3 Condition 14	-	4	mg/m2/month	Insoluble Solids	1.72	Result	0.1	1.5	3.8	9.8	2.6												
Pass / Fail								Pass	Pass	Pass	Pass	Pass													
Result								0.1	1.6	1.3	3.3	2.3													
Pass / Fail								Pass	Pass	Pass	Pass	Pass													
Result								0.1	1.5	3.8	9.8	2.6													
DD3	Monthly & Annual Average	Consent Schedule 3 Condition 14	-	4	mg/m2/month	Insoluble Solids	1.02	Result	0.1	1.5	3.8	9.8	2.6												
Pass / Fail								Pass	Pass	Pass	Pass	Pass													
Result								0.1	1.6	1.3	3.3	2.3													
Pass / Fail								Pass	Pass	Pass	Pass	Pass													
Result								0.1	1.1	2.5	1.9	1.4													
DD4	Monthly & Annual Average	Consent Schedule 3 Condition 14	-	4	mg/m2/month	Insoluble Solids	3.56	Result	0.1	1.1	2.5	1.9	1.4												
Pass / Fail								Pass	Pass	Pass	Fail	Pass													
Result								0.1	1.1	2.5	1.9	1.4													
Pass / Fail								Pass	Pass	Pass	Pass	Pass													
Result								0.1	1.1	2.5	1.9	1.4													
DD5	Monthly & Annual Average	Consent Schedule 3 Condition 14	-	4	mg/m2/month	Insoluble Solids	1.4	Result	0.1	1.1	2.5	1.9	1.4												
Pass / Fail								Pass	Pass	Pass	Pass	Pass													
Result								0.1	1.1	2.5	1.9	1.4													
Pass / Fail								Pass	Pass	Pass	Pass	Pass													
Result								0.1	1.1	2.5	1.9	1.4													

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

Comment 1: DD4 07/04/2021 From road work south jerra subdivision

Comment 2:

Comment 3:

Comment 4:

Comment 5:

Comment 6:

Comment 7:

Comment 8:

**Particulate Matter (PM10)**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Average (YTD)	Read Date	Read Date	Read Date	Read Date	Read Date	Read Date	Read Date	Read Date	Read Date	Read Date	Read Date	Read Date	Read Date	Read Date	Read Date	Read Date	Read Date	Read Date			
							2/1/2021	8/1/2021	14/1/2021	20/1/2021	26/1/2021	1/2/2021	7/2/2021	13/2/2021	19/2/2021	25/2/2021	3/3/2021	9/3/2021	15/3/2021	21/3/2021	27/3/2021	2/4/2021	8/4/2021	14/4/2021	20/4/2021	26/4/2021	2/5/2021
HVAS Unit	Annual Average (Updated Monthly)	Consent Schedule 3 Condition 14	-	30	µg/m3	21.49166667	100.9	11.2	23.2	15.7	18.9	9.6	10.2	9.5	10.8	17.5	19.2	11.2	9	6.3	8.2	13.4	10.6	27.5	21	1	24.5

Comments regarding blast monitoring outcomes

Comment 1: DNT = "Did Not Trigger" with overpressure monitoring equipment set at a trigger point of 90 dBa or ground vibration monitoring equipment set at a trigger point of 0.1 mm/s

Comment 2:

Comment 3:

### Blast Monitoring Results

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

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Date	Time																	
								22/02/2021	23/02/2021	12/03/2021	19/03/2021	13/04/2021	13/05/2021	11/06/2021											
Heffermanas House	Per Blast	EPL Clause L4.1	-	115	dB (Lin Peak)	Over Pressure	Result	84.6	104	111.5	101.5	101.4	103.2	110.6											
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass											
					mm/s	Ground Vibration	Result	0.71	0.61	1.06	0.54	2.04	1.62	1.11											
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass											
Jerrabomberra	Per Blast	Blast Management Plan	-	115	dB (Lin Peak)	Over Pressure	Result	92	88.2	88.2	97.7	111.5	DNT	106.6											
							Pass / Fail	Pass	Pass	Pass	Pass	Fail	Pass	Pass											
					mm/s	Ground Vibration	Result	0.95	0.34	0.82	0.33	0.93	DNT	0.8											
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass											

Over Pressure Monitor Trigger Setting		90	dB
Ground Vibration Monitor Trigger Setting		0.1	mm/s

Comments regarding blast monitoring outcomes	
Comment	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.
Blast Date	
Blast Date	
Blast Date	