



Pollution Monitoring Data - Holcim Boambee Quarry (EPL Number 7094)

Facility Address	Boambee Quarry, North Boambee Road, Boambee NSW 2450
Link to EPL on Public Register	http://www.epa.nsw.gov.au/epm/epmDetails.jsp?epmNo=7094&epmStatus=OPEN&epmSource=PP&epmSection=CONTAMINATION&epmType=Water
Date Dataset Updated	Wednesday, October 25, 2023
Date Dataset Published	10/25/2023 - 10/25/2023
Reporting Period	01/01/2023 - 31/12/2023

Surface Water Quality - Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Sample Date	28/01/2023	30/01/2023	31/01/2023	23/02/2023	24/02/2023	25/02/2023	27/02/2023	22/03/2023	23/03/2023	04/04/2023	05/04/2023	13/04/2023	14/04/2023	24/04/2023	27/04/2023	02/05/2023	05/05/2023	08/05/2023	10/05/2023	11/05/2023	12/05/2023	17/05/2023	18/05/2023	19/05/2023	06/07/2023	21/11/2023	22/11/2023	20/12/2023			
Point 1 Once <24 hours prior to activity emptying the sediment basin Each Discharge Event	EPL 7094 Section L2.4	-	6.5	8.5	pH	pH	Result	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.4	7.2	7.4	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2		
								Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
						mg/L	Suspended Solids	Result	18	7	11	15	20	27	6	4	7	23	19	5	7	22	14	9	4	3	2	2	2	2	2	2	2	2	2	2	2	4
						NV	V = Visible or NV = None Visible	Total Oil & Grease	Result	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV

Comments regarding noise monitoring outcomes:

Comment 1:

Comment 2:

Comment 3:

Rainfall Monitoring Results

Location	Frequency	Source	Unit	Total Rainfall YTD											
	Daily	Gauge	mm	January 2023	February 2023	March 2023	April 2023	May 2023	June 2023	July 2023	August 2023	September 2023	October 2023	November 2023	December 2023
Total Rainfall (mm)	240.0	148.6	157.0	131.8	83.0	12.8	36.2	30.4	0.6	112.0	149.0	169.4			
Rainy Days	14.0	10.0	18.0	15.0	4.0	6.0	10.0	6.0	2.0	8.0	16.0	10.0			
Average Rainfall (mm)	17.1	14.7	8.7	8.8	20.8	2.1	3.6	5.1	0.3	14.0	9.3	16.9			
Events >50mm (5 Days)															

Blast Monitoring Results

Note: (X) = Did Not Trigger for over pressure with monitoring equipment set at a trigger point of 95 dB and/or for ground vibration with monitoring equipment set at a trigger point of 0.5 mm/s

Blast Monitoring Results - YTD															
Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Blast Date	14/01/2023	14/02/2023	11/03/2023	08/05/2023	28/06/2023	17/07/2023	06/08/2023	06/10/2023
Per Blast	EPL 7094 Clause 11	-	115		dB (un Peak)	Over Pressure	Result	102.1	102.2	102.2	102.2	102.2	102.2	102.2	102.2
			Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass		
			5		mm/s	Ground Vibration	Result	1.69	0.20	1.69	0.20	1.19	1.45	1.48	
			Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	

Annual Blast Monitoring Results (YTD)

Note: Annual blast monitoring outcomes are based on the dataset for the whole reporting period. Results discussed below represent an incomplete dataset and should be considered as an indicator of year to date performance that is likely to change.

Annual Blast Monitoring - Over Pressure (High Range)				Annual Blast Monitoring - Ground Vibration (High Range)			
Blast Count				Blast Count			
YTD Over Pressure in High Range (115 - 120 dB)				YTD Ground Vibration in High Range (0 - 10 mm/s)			
%				%			
Annual Over Pressure (Pass / Fail)				Annual Ground Vibration (Pass / Fail)			
Blast Count				Blast Count			
YTD Over Pressure Exceeding Maximum Allowable (120 dB)				YTD Ground Vibration Exceeding Maximum Allowable (10 mm/s)			
%				%			
Annual Over Pressure (Pass / Fail)				Annual Ground Vibration (Pass / Fail)			

Air Quality Monitoring - Deposition Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Month Sample Date	January 2023	February 2023	March 2023	April 2023	May 2023	June 2023	July 2023	August 2023	September 2023	October 2023	November 2023	December 2023
								1/01/2023	1/02/2023	1/03/2023	1/04/2023	1/05/2023	1/06/2023	1/07/2023	1/08/2023	1/09/2023	1/10/2023	1/11/2023	
D1 Femhouse	Monthly	PP Consent 105 Clause 11	-	4	g/m2/month	Total Inertial Matter	Result	0.3	0.9	0.3	0.2	0.4	0.4	0.3	0.2	1.2	2.4	1	
						Commissible Material	Result	0.3	0.8	0.3	0.2	0.1	0.2	0.1	0.6	0.9	1		
						Air Contant	Result	0.1	0.1	0.1	0.1	0.3	0.4	0.1	0.1	0.6	1.5	0.1	
						Result	0.5	0.5	0.1	2.2	0.3	0.1	0.2	0.4	0.3	0.7	2.5		
D2 Feedack	Monthly	PP Consent 105 Clause 11	-	4	g/m2/month	Total Inertial Matter	Result	0.4	0.4	0.1	2.1	0.2	0.1	0.2	0.1	0.2	0.2	0.4	
						Commissible Material	Result	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.5	0.1	
						Air Contant	Result	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.5	0.1
						Result	0.4	1.4	0.3	0.3	0.2	0.5	0.4	0.5	0.3	1.7	1.9		
D3 Dotson	Monthly	PP Consent 105 Clause 11	-	4	g/m2/month	Total Inertial Matter	Result	0.5	1.3	0.2	0.3	0.2	0.1	0.2	0.1	0.2	0.6	1.8	
						Commissible Material	Result	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	0.2	1.2	0.1	
						Air Contant	Result	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.1	0.5	0.1
						Result	0.4	0.7	0.6	0.2	0.4	0.4	0.5	0.5	0.6	1.2	0.3		
D5 Packing Shed	Monthly	PP Consent 105 Clause 11	-	4	g/m2/month	Total Inertial Matter	Result	0.3	0.7	0.5	0.2	0.3	0.4	1.4	0.1	0.5	0.6	0.3	
						Commissible Material	Result	0.1	0.1	0.1	0.1	0.1	0.1	3	2.1	0.4	0.2	0.8	0.1
						Air Contant	Result	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.2	0.8	0.1
						Result	0.8	1.6	1.4	0.7	0.6	0.2	0.4	0.5	0.3	1.2			
D7 Feedack E	Monthly	PP Consent 105 Clause 11	-	4	g/m2/month	Total Inertial Matter	Result	0.7	1.3	1.3	0.6	0.7	0.1	0.3	0.2	0.2		1.1	
						Commissible Material	Result	0.7	1.3	1.3	0.6	0.7	0.1	0.3	0.2	0.2			

							Ash Content	Result	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.4	0.1	0.1	
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Comments: Add any comments regarding the deposition monitoring outcomes in the fields below	
Comment 1	
Comment 2	
Comment 3	
Comment 4	
Comment 5	
Comment 6	
Comment 7	
Comment 8	