

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 https://apps.epa.nsw.gov.au/prpoeoapp/Detail.aspx?instid=7094&id=7094&option=licence&searchrange=licence⦥=POEO%20licence&prp=no&status=Issued						
Date Dataset Updated	Wednesday, July 1, 2020					
Date Dataset Published	Friday, July 3, 2020					
Reporting Period	1st May 2019 to 30th April 2020					

Surface Water Quality - Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Sample Date	08/05/2019	30/06/2019	11/07/2019	31/08/2019	30/09/2019	21/10/2019	30/11/2019	31/12/2019			
				0.5	8.5	На	-11	Result	7.5	Dry	7.6	Dry	Dry	Dry	Dry	Dry		
	Once <24 hours prior to actively		6.5	8.5	рн	pН	Pass / Fail	Pass										
Point 1	emptying the sediment basins	EPL 7094		50		0	Result	6	Dry	8	Dry	Dry	Dry	Dry	Dry			
Point 1		Section L2.4	-	50	mg/L	Suspended Solids	Pass / Fail	Pass										
	Each Discharge Event			NV	V = Visable or	Total Oil & Grease	Result	NV	Dry	NV	Dry	Dry	Dry	Dry	Dry			
			-	NV	NV = None Visable	Total Oil & Glease	Pass / Fail	Pass										

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Sample Date	08/05/2019	30/06/2019	11/07/2019	31/08/2019	30/09/2019	21/10/2019	30/11/2019	31/12/2019							
									6.5	8.5	a.U	nU.	Result	7.3	Dry	7.2	Dry	Dry	7.9	Dry	Dry	
	Once <24 hours prior to actively		6.5	0.5	рп	pH	Pass / Fail	Pass														
Point 3	emptying the sediment basins Each Discharge Event	EPL 7094 Section L2.4		50	mg/L	Suspended Solids	Result	4	Dry	9	Dry	Dry	2	Dry	Dry							
1 ome o			ion L2.4	30	30 IIIg/L	Suspended Solids	Pass / Fail	Pass														
				NV	V = Visable or	Total Oil & Grease	Result	NV	Dry	NV	Dry	Dry	NV	Dry	Dry							
			_	140	NV = None Visable	Total Oil & Glease	Pass / Fail	Pass														

	Comments regarding noise monitoring outcomes
Comment 1:	
Comment 2:	
Comment 3:	

Rainfall Monitoring Results

Location	Frequency	Source	Unit		Total Rainfall YTD								275.2				
	Daily	Gauge	mm														
M	onth	January	February	March	April	May	June	July	August	September	October	November	December				
Total Ra	infall (mm)	4.6	9.4	135.0	8.0	11.6	44.8	25.4	41.0								
Rain	y Days	3.0	3.0	4.0	5.0	1.0	3.0	3.0	3.0								
Av. Rainfall	I / Event (mm)	1.5	3.1	33.8	1.6	11.6	14.9	8.5	13.7	0.0	0.0	0.0	0.0				
Events >90	0mm (5 Days)	0	0	5	0	0	0	0	0	0	0	0	0				

Blast Monitoring Results

Note(s

DNT = Did Not Trigger for over pressure with monitoring equipment set at a trigger point of 90 dB and/or for ground vibration with monitoring equipment set at a trigger point of 0.5 mm/s

Blast Monitoring Results - YTD

monitoring resource 112																					
Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Blast Date	13/05/2019	19/08/2019	29/08/2019	09/01/2020	12/03/2020										
	EPL 7094 Section L7				115	dD (Lin Dook)	Our Process	Result	99.9	97.1	99.9	103.2	105.2								
			-	115	UB (LIII Feak)	Over Flessure	Pass/Fail	Pass	Pass	Pass	Pass	Pass									
			Section L7	Section L7	Section L7		_	,	0 115 5	Result	1.25	2.24	1.06	1.4	1.66						
		-) °	5 mm/s	Ground vibration	Pass/Fail	Pass	Pass	Pass	Pass	Pass										
	Frequency	Frequency Source EPL 7094	Frequency Source Lower Limit	Frequency Source Lower Limit Upper Limit - 115 EPL 7094	Frequency Source Lower Limit Upper Limit Unit	Frequency Source Lower Limit Upper Limit Unit Description Per Blast EPL 7094 Section L7 - 115 dB (Lin Peak) Over Pressure	Frequency Source Lower Limit Upper Limit Unit Description Blast Date	Frequency Source Lower Limit Upper Limit Unit Description Blast Date 13/05/2019 Per Blast EPL 7094 Section L7 - 115 dB (Lin Peak) Over Pressure Result Pass/Fail Pass/Pail Pass/Fail - 5 mm/s Ground Vibration Result 1.25	Frequency Source Lower Limit Upper Limit Unit Description Blast Date 13/05/2019 19/08/2019 Per Blast = 115 dB (Lin Peak) Over Pressure Result 99.9 97.1 Pass/Fail Pass Pass Pass/Fail Result 1.25 2.24	Frequency Source Lower Limit Upper Limit Unit Description Blast Date 13/05/2019 19/08/2019 29/08/2019 Per Blast EPL 7094 Section L7 - 115 dB (Lin Peak) Over Pressure Result 99.9 97.1 99.9 Pass/Fail Pass Pass Pass Pass Result 1.25 2.24 1.06	Frequency Source Lower Limit Upper Limit Upper Limit Unit Description Blast Date 13/05/2019 19/08/2019 29/08/2019 09/01/2020	Frequency Source Lower Limit Upper L	Frequency Source Lower Limit Upper Limit Unit Description Blast Date 13/05/2019 19/08/2019 29/08/2019 09/01/2020 12/03/2020	Frequency Source Lower Limit Upper L	Frequency Source Lower Limit Upper Limit Upper Limit Unit Description Blast Date 13/05/2019 19/08/2019 29/08/2019 09/01/2020 12/03/2020	Frequency Source Lower Limit Upper Limit Upper Limit Unit Description Blast Date 13/05/2019 19/08/2019 29/08/2019 09/01/2020 12/03/2020	Frequency Source Lower Limit Upper Limit Upper Limit Unit Description Blast Date 13/05/2019 19/08/2019 29/08/2019 09/01/2020 12/03/2020	Frequency Source Lower Limit Upper Limit Unit Description Blast Date 13/05/2019 19/08/2019 29/08/2019 09/01/2020 12/03/2020 Per Blast EPL 7094 Section L7			

Annual Blast Monitoring Results (YTD)

Note

Annual blast monitoring outcomes are based on the dataset for the whole reporting period. Results disclosed 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)	
Blast Count	5
YTD Over Pressure in High Range (115 - 120 dBL)	0
% Over Pressure in High Range (115 - 120 dBL)	0%
Annual Over Pressure (Pass / Fail)	Pass

Annual Blast Monitoring - Over Pressure (Maximum Allowable)	
Blast Count	5
YTD Over Pressure Exceeding Maximum Allowable (120 dBL)	0
% Over Pressure Exceeding Maximum Allowable (120 dBL)	0%
Annual Over Pressure (Pass / Fail)	Pass

Annual Blast Monitoring - Ground Vibration (High Range)	
Blast Count	5
YTD Ground Vibration in High Range (5 - 10 mm/s)	0
% Ground Vibration in High Range (5 - 10 mm/s)	0%
Annual Ground Vibration (Pass / Fail)	Pass

Annual Blast Monitoring - Ground Vibration (Maximum Allowable)	
Blast Count	5
YTD Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0
% Ground Vibration Exceeding Maximum Allowable (10 mm/s)	0%
Annual Ground Vibration (Pass / Fail)	Pass