

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=Ioence⦥=POEO%20licence&prp=no&status=Issued
Date Dataset Updated	Tuesday, April 5, 2022
Date Dataset Published	Friday, August 12, 2022
Reporting Period	01/01/2022 to 31/12/2022

Surface Water Quality - Monitoring Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Sample Date												
	Once <24 hours		6.5	8.5	pH	-11	Result	7.3	7	7.4	6.8	7.7	7.5	0	0	0	0	0	0
	prior to actively		6.5	6.5	рп	pН	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	0	0	0	0	0	0
Point 1	emptying the sediment basins	70040		50		Suspended Solids	Result	13	11	16	10	19	13	0	0	0	0	0	0
Point	sediment basins	7094Section L	-	50	mg/L	Suspended Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	0	0	0	0	0	0
	Each Discharge			NV	isable orNV = None Vi	T-4-1 Oil 8 O	Result	NV	NV	NV	NV	NV	NV	0	0	0	0	0	0
	Event		-	INV	sable offiv = None vi	Total Oil & Grease	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	0	0	0	0	0	0

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Sample Date												
	Once <24 hours		6.5	0.5	pH	рН	Result	7.4	6.9	7	-	7.1	7	0	0	0	0	0	0
	prior to actively emptying the		6.5	6.5	рп	рн	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	0	0	0	0	0	0
Point 3	emptying the sediment basins	70048 action 1		50	ma/L	Suspended Solids	Result	8	2	7	-	2	9	0	0	0	0	0	0
Polit 3	Sediment basins	70943ecuon L	-	50	IIIg/L	Suspended Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	0	0	0	0	0	0
	Each Discharge			NV	isable orNV = None Vi	Total Oil & Crosso	Result	NV	NV	NV	-	NV	NV	0	0	0	0	0	0
	Event		-	INV	isable offiv – Noffe v	Total Oil & Glease	Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	0	0	0	0	0	0

	Comments regarding noise monitoring outcomes
Comment 1:	No event discharge in Jan and Feb 2022.
Comment 2:	
Comment 3:	

Rainfall Monitoring Results

Location	Frequency	Source	Unit			Total B	ainfall Y1	.D					
	Daily	Gauge	mm			i Otal N	aiiiiaii i i	U					
Mo	onth												
Total Rai	infall (mm)	327.6	398.4	708.6	260.6	166.5	2.4	263.6	20.8	129.6	240.1	20.1	0.0
Rainy	y Days	27.0	17.0	26.0	28.0	21.0	3.0	15.0	10.0	9.0	23.0	23.0	0.0
Av. Rainfall	I / Event (mm)	12.1	23.4	27.3	9.3	7.9	8.0	17.6	2.1	14.4	10.4	0.9	0.0
Events >90	0mm (5 Days)												

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

В	last Monitor	ring Results - YT	D																
	Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Blast Date	#225	#226	#227	#228	#229	#230	#231	#232	#233		
					115	dB (Lin Peak)	Over Pressure	Result	2.36	0.71	1.92	1.48	1.74	1.46	0.83	0.72	0		
	0	Per Blast	L 7094Section	-	115	ub (Lili Feak)	Over Flessule	Pass/Fail	Pass	0									
	U	r er blast	L 70343ection	•		mm/s	Ground Vibration	Result	103.1	103.5	107.5	102.3	103.2	110.1	101.1	104.9	0		
				-	5	111111/5	Glourid Vibration	Pass/Fail	Pass	0									
/ ·																			7

Annual Blast Monitoring Results (YTD)

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.

Annual Blast Monitoring - Over Pressure (High Range)	
Blast Count	
YTD Over Pressure in High Range (115 - 120 dBL)	
% Over Pressure in High Range (115 - 120 dBL)	
Annual Over Pressure (Pass / Fail)	Pass

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

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

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

Air Quality Monitoring - Deposition Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Month	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	July 2022	August 2022	#########	October 2022	##########	##########
Location	rrequency	Source	Lower Limit	Opper Limit	Offic	Description	Sample Date	13/01/2022	11/02/2022	15/03/2022									
			-	4		Total Insoluable	Result	0.8	1.7	1.5									
				4		Matter	Pass / Fail	Pass	Pass	Pass									
D1Farmhouse	Monthly	insent 10826Cla	-	n/a	g/m2/month	Combustible Material	Result	0.7	1.6	1.5									
						Ash Content	Result	0.1	0.1	0.1									l
				4		Total Insoluable	Result	0.7	0.4	1.7									
			-	4		Matter	Pass / Fail	Pass	Pass	Pass									
D2Paddock	Monthly	insent 10826Cla	-	n/a	g/m2/month	Combustible Material	Result	0.7	0.4	1.7									
						Ash Content	Result	0.1	0.1	0.1									
			_	4		Total Insoluable	Result	0.6	1	1									
				4		Matter	Pass / Fail	Pass	Pass	Pass									i
D3Dutton	Monthly	insent 10826Cla	-	n/a	g/m2/month	Combustible Material	Result	0.6	0.5	1									
						Ash Content	Result	0.1	0.1	0.1									
				4		Total Insoluable	Result	0.3	0.6	1									
				4		Matter	Pass / Fail	Pass	Pass	Pass									ĺ
)5PackingShed	Monthly	insent 10826Cla	-	n/a	g/m2/month	Combustible Material	Result	0.2	0,1	0.9									
						Ash Content	Result	0.1	0.6	0.1									
				4		Total Insoluable	Result	3.8	2.2	2.6									
				+		Matter	Pass / Fail	Pass	Pass	Pass									i i
D7Paddock E	Monthly	insent 10826Cla	-	n/a	g/m2/month	Combustible Material	Result	3.6	2.1	2.6									
						Ash Content	Result	0.3	0.1	0.1									

	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:	