#### 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&id=7094&option=licence&sarchrange=Picence⦥=POEO%20licence&prp=no&status=Issued
Date Dataset Updated	Thursday, April 24, 2025
Date Dataset Published	Thursday, April 24, 2025
Reporting Period	01 January to 31 December

## **Surface Water Quality - Monitoring Results**

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Sample Date	15/01/2025	17/01/2025	20/01/2025	21/01/2025	22/01/2025	23/01/2025	05/02/2025	14/02/2025	04/03/2025	05/03/2025	06/03/2025	07/03/2025
			6.5	8.5	nl.	На	Result	7.4	7.4	7.8	7.9	7.9	8.0	7.5	7.9	8.0	8.1	7.9	7.7
	Once <24 hours prior to actively		6.5	8.5	pH	рн	Pass / Fail	Pass											
Point 1	emptying the sediment basins	EPL 7094		50	Suspended Solids	mg/L	Result	2	4	12	10	8	3	2	5	2	4	7	12
Folit		Section L2.4	-	50	Suspended Solids	IIIg/L	Pass / Fail	Pass											
	Each Discharge Event		_	NV	Total Oil & Grease	V = Visable or	Result	NV											
			_	140	Total Oli & Orcasc	NV = None Visable	Pass / Fail	Pass											
			6.5	8.5	pH	На	Result	7.3	7.3	7.1	7.1	7.2		7.4	7.5	7.5		7.2	7.1
	Once <24 hours prior to actively		0.5	6.5	рп	рп	Pass / Fail	Pass	Pass	Pass	Pass	Pass		Pass	Pass	Pass		Pass	Pass
Point 3	emptying the sediment basins	EPL 7094		50	mg/L	Suspended Solids	Result	2	4	4	5	5		2	2	2		10	5
1 Ollik 3		Section L2.4	_	30	IIIg/L	Suspended Solids	Pass / Fail	Pass	Pass	Pass	Pass	Pass		Pass	Pass	Pass		Pass	Pass
	Each Discharge Event		_	NV	V = Visable or	Total Oil & Grease	Result	NV	NV	NV	NV	NV		NV	NV	NV		NV	NV
				140	NV = None Visable	iotai on a Grease	Pass / Fail	Pass	Pass	Pass	Pass	Pass		Pass	Pass	Pass		Pass	Pass

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Sample Date	08/03/2025	10/03/2025	11/03/2025	13/03/2025	17/03/2025	18/03/2025	19/03/2025	20/03/2025	27/03/2025	28/03/2025	29/03/2025	31/03/2025
			6.5	8.5	рН	pH	Result	7.5	7.4	7.5	7.6	7.6	7.6	7.6	7.7	7.7	7.6	7.6	7.7
	Once <24 hours prior to actively		6.5	0.5	рп	рп	Pass / Fail	Pass											
Point 1	emptying the sediment basins	EPL 7094		50	Suspended Solids	mg/L	Result	17	25	18	6	6	2	2	10	8	13	31	14
Point I		Section L2.4	-	50	Suspended Solids	IIIg/L	Pass / Fail	Pass											
	Each Discharge Event			NV	Total Oil & Grease	V = Visable or	Result	NV											
			-	INV	Total Oil & Glease	NV = None Visable	Pass / Fail	Pass											
			6.5	8.5	рН	рН	Result	6.9	6.9	7.0	7.0	6.9	6.9	6.9	7.2	7.2	6.8	6.9	6.9
	Once <24 hours prior to actively		6.5	0.5	рп	рп	Pass / Fail	Pass											
Point 3	emptying the sediment basins	EPL 7094	_	50	ma/l	Suspended Solids	Result	16	2	2	2	2	2	2	3	5	8	13	5
Foliit 3		Section L2.4	-	50	mg/L	Suspended Solids	Pass / Fail	Pass											
	Each Discharge Event			NV	V = Visable or	Total Oil & Grease	Result	NV											
			-	INV	NV = None Visable	lotal Oil & Glease	Pass / Fail	Pass											

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Sample Date	01/04/2025						
			0.5	0.5	-11	-11	Result	7.7						ĺ
	Once <24 hours prior to actively		6.5	8.5	pH	pH	Pass / Fail	Pass						
Point 1	emptying the sediment basins	EPL 7094		50	Conservated Calida		Result	3						
Pollit I		Section L2.4	-	50	Suspended Solids	mg/L	Pass / Fail	Pass						
	Each Discharge Event			NV	Total Oil & Grease	V = Visable or	Result	NV						
			- 144	144	Total Oil & Glease	NV = None Visable	Pass / Fail	Pass						į .
			6.5	8.5	pH	рН	Result	6.9						
	Once <24 hours prior to actively		0.5	0.5	рп	рп	Pass / Fail	Pass						
Point 3	emptying the sediment basins	EPL 7094		50	mg/L	Suspended Solids	Result	3						
Foliit 3		Section L2.4	-	50	IIIg/L	Suspended Solids	Pass / Fail	Pass						
	Each Discharge Event			NV	V = Visable or	Total Oil & Grease	Result	NV						
				147	NV = None Visable	Total Oil & Glease	Pass / Fail	Pass						

## Comments Regarding Surface Water Quality Monitoring

Comment 1:	
Comment 2:	
Comment 3:	
Comment 4:	
Comment 5:	
Comment 6:	
Comment 7:	
Comment 8:	
Comment 9:	
Comment 10:	
Comment 11:	
Comment 12:	

# Rainfall Monitoring Results

Location	Location
Frequency	Frequency
Source	Weather link Met station
Unit	mm

Month	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Total Rainfall (mm)	196.8	108.0	583.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rainy Days	16.0	14.0	18.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Av. Rainfall / Event (mm)	12.3	7.7	32.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Events >75mm (5 Days)	5.0	0.0	12.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Total Rainfall (mm) (YTD)

### **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

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Blast Date	21 Feb 2025	27 Mar 2025	28 Mar 2025					
				115	dB (Lin Peak)	Over Pressure	Result	102.5	103.6	86.3					
In or on Premises	Per Blast	EPL 7094	-	115	ub (Lili Peak)	Over Flessure	Pass/Fail	Pass	Pass	Pass					
iii oi oii rieilises	r ei blast	Section L7		5	mm/s	Ground Vibration	Result	1.45	2.65	1.64					
			-	3	11111/5	Ground Vibration	Pass/Fail	Pass	Pass	Pass					

## 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	3					
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	3
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	3						
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	3						
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						

## Air Quality Monitoring - Deposition Results

Location	Frequency	Source	Lower Limit	Upper Limit	Unit	Description	Month	January	February	March	April	May	June	July	August	September	October	November	Decemb
							Sample Date	13/01/2025	12/02/2025	19/03/2025									<u> </u>
D1 Farmhouse	Monthly	EPP Consent 10826 Clause 11	-	4 n/a	g/m2/month	Total Insoluable Matter	Result	0.2	0.1	0.9									
							Pass / Fail	Pass	Pass	Pass									
			-			Combustible Material	Result	0.2	0.1	0.8									
						Ash Content	Result	0.1	0.1	0.1									
D2 Paddock	Monthly	EPP Consent 10826 Clause 11	-	4	g/m2/month	Total Insoluable Matter	Result	1.8	2.4	1.8									
							Pass / Fail	Pass	Pass	Pass									
			-	n/a		Combustible Material	Result	1.7	2.2	1.6									
						Ash Content	Result	0.1	0.2	0.1									
D3 Dutton	Monthly	EPP Consent 10826 Clause 11	-	4 n/a	g/m2/month	Total Insoluable Matter	Result	0.8	0.7	0.4									T
							Pass / Fail	Pass	Pass	Pass									
			-			Combustible Material	Result	Pass	Pass	Pass									
						Ash Content	Result	0.8	0.6	0.3									
D5 Packing Shed	Monthly	EPP Consent 10826 Clause 11	-	4	g/m2/month	Total Insoluable Matter	Result	0.1	0.1	0.1									
							Pass / Fail	Pass	Pass	Pass									
			-	n/a		Combustible Material	Result	Pass	Pass	Pass									
						Ash Content	Result	0.6	1	0.2									
D7 Paddock E	Monthly	EPP Consent 10826 Clause 11	-	4	g/m2/month	Total Insoluable Matter	Result	0.1	0.1	0.1	_								
							Pass / Fail	Pass	Pass	Pass									
			-	n/a		Combustible Material	Result	Pass	Pass	Pass									
						Ash Content	Result	0.3	1	0.4									1