



Facility Address	Boambee Quarry, North Boambee Road, Boambee NSW 2450
Link to EPL on Public Register	https://apps.epa.nsw.gov.au/prpoeapp/Detail.aspx?instid=7094&id=7094&option=licence&searchrange=licence&range=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		
Point 1	Once <24 hours prior to actively emptying the sediment basins	EPL 7094	6.5	8.5	pH	pH	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		
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass			
	Each Discharge Event	Section L2.4	-	50	Suspended Solids	mg/L	Result	2	4	12	10	8	3	2	5	2	4	7	12		
							Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass		
							Total Oil & Grease	V = Visible or NV = None Visible	Result	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV	NV
									Pass / Fail	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	
Point 3	Once <24 hours prior to actively emptying the sediment basins	EPL 7094	6.5	8.5	pH	pH	Result	7.3	7.3	7.1	7.1	7.2		7.4	7.5	7.5		7.2	7.1		
							Pass / Fail	Pass	Pass	Pass	Pass	Pass		Pass	Pass	Pass		Pass	Pass		
	Each Discharge Event	Section L2.4	-	50	mg/L	Suspended Solids	Result	2	4	4	5	5		2	2	2		10	5		
							Pass / Fail	Pass	Pass	Pass	Pass	Pass		Pass	Pass	Pass		Pass	Pass		
							Total Oil & Grease	V = Visible or NV = None Visible	Result	NV	NV	NV	NV	NV	NV	NV	NV		NV	NV	
									Pass / Fail	Pass	Pass	Pass	Pass	Pass		Pass	Pass	Pass		Pass	Pass

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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)
888

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								
In or on Premises	Per Blast	EPL 7094 Section L7	-	115	dB (Lin Peak)	Over Pressure	Result	102.5	103.6	86.3								
							Pass/Fail	Pass	Pass	Pass								
			-	5	mm/s	Ground Vibration	Result	1.45	2.65	1.64								
							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	December
							Sample Date	13/01/2025	12/02/2025	19/03/2025									
D1 Farmhouse	Monthly	EPP Consent 10826 Clause 11	-	4	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												
			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	g/m2/month	Total Insoluable Matter	Result	0.8	0.7	0.4									
			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												
			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												
			Combustible Material	Result		Pass	Pass	Pass											
			Ash Content	Result		0.3	1	0.4											