

Comments Regarding Surface Water Quality Monitoring

Comment 1:	18/01/2024 - False negative pH detected in SB1 following 250mm rain event. Monitoring conducted for due diligence in accordance with EPL
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 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024	Dec 2024
Total Rainfall (mm)	388.2	202.6	171.0	153.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rainy Days	24	14	19	4	0	0	0	0	0	0	0	0
Av. Rainfall / Event (mm)	16.2	14.5	9.0	38.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Events >75mm (5 Days)	5	2	1	5	0	0	0	0	0	0	0	0

Total Rainfall (mm) (YTD)
914.8

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	23 Jan 2024	26 Feb 2024										
In or on Premises	Per Blast	EPL 7094 Section L7	-	115	dB (Lin Peak)	Over Pressure	Result	100.7	99.9										
							Pass/Fail	Pass	Pass										
			-	5	mm/s	Ground Vibration	Result	0.48	1.53										
							Pass/Fail	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	2
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	2
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	2
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	2
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

