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Grafton Quarry

Environmental Monitoring Report

Surface Water Monitoring Data

October 2024



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This monitoring report is to satisfy the requirements of Section 66 (6) of the Protection of the Environment and Operations Act 1997, to make available, within 14 days of obtaining any monitoring data that relates to pollution under an Environment Protection Licence

The monitoring of pollutants provided in this report is undertaken as per the requirements of Environment Protection Licence 894 (EPL: 894 – Boral Grafton Quarry)

Grafton Quarry Information	
Premise Details	Boral – Grafton Quarry
Address	231 Fitzroy St, Grafton NSW 2460
Licensee	Boral Resources (Country) Pty Ltd
EPL No	894
EPL Location	ViewPOEOLicence.aspx (nsw.gov.au)
Date of dataset update	4/10/2024

Monitoring data in this report relates to the monitoring undertaken in the reporting period for the following environmental pollutants:

- Surface Water

Surface Water Monitoring

Water quality monitoring is conducted as per condition M2.1 of EPL 4812.

Qualifications related to Surface Water

Extracted from EPL: 894

EPA Identification No.	Type of Monitoring Point	Location Description
1	Wet Weather Discharge	Overflow discharge pipe on concrete riverbank wall adjacent to crushing & screening plant as identified on Figure 2 of the 'Grafton Quarry Soil & Water Management Plan, November 2013'. Easting 492705.928; Northing 6715944.632
2	Wet Weather Discharge	Overflow discharge pipe to stormwater channel (Alumy Creek) as identified on Figure 2 of 'Grafton Quarry Soil & Water Management Plan, November 2013'. Easting 492763.434; Northing 6715904.78
3	Wet Weather Discharge	Discharge Pipe within the levee wall in Catchment C as identified in Figure 2 of 'Grafton Quarry Soil & Water Management Plan, November 2013'. Easting: 492620; Northing: 6716057

M2 Requirement to monitor concentration of pollutants discharged

M2.1 For each monitoring/discharge point or utilisation area specified below (by a point number), the licensee must monitor (by sampling and obtaining results by analysis) the concentration of each pollutant specified in Column 1. The licensee must use the sampling method, units of measure, and sample at the frequency, specified opposite in the other columns:

M2.2 Water and/ or Land Monitoring Requirements

POINT 1,2,3

Pollutant	Units of measure	Frequency	Sampling Method
Oil and Grease	Visible	Special Frequency 1	Visual Inspection
pH	pH	Special Frequency 1	In situ
Total suspended solids	milligrams per litre	Special Frequency 1	Grab sample

Note: Special Frequency 1 means <24 hours prior to a controlled/scheduled discharge and daily for any continued controlled/scheduled discharge.



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L2 Concentration limits

- L2.1 For each monitoring/discharge point or utilisation area specified in the table/s below (by a point number), the concentration of a pollutant discharged at that point, or applied to that area, must not exceed the concentration limits specified for that pollutant in the table.
- L2.2 Where a pH quality limit is specified in the table, the specified percentage of samples must be within the specified ranges.
- L2.3 To avoid any doubt, this condition does not authorise the pollution of waters by any pollutant other than those specified in the table/s.
- L2.4 Water and/or Land Concentration Limits

POINT 1,2,3

Pollutant	Units of Measure	50 percentile concentration limit	90 percentile concentration limit	3DGM concentration limit	100 percentile concentration limit
Oil and Grease	Visible				Nil
pH					6.5 - 8.5
Total suspended solids	milligrams per litre				50

- L2.5 The concentration limits in the above table do not apply to any discharge from discharge points 1, 2 & 3 arising from rainfall exceeding 50mm in total falling over any consecutive five day period.
- L2.6 Controlled discharges from any discharge point must not exceed the 100th percentile concentration limits set out in the water and/or land concentration limits table (condition L2.4).



TABLE 1: Grafton Quarry – Surface Water Monitoring Results

[illegible]

TABLE 2: Surface Water Monitoring Results – Corrections Log

Date of Data (sample Date)	Old Published Data	Corrected Data	Reason for Update / Correction	Update Person	Date corrected Data Published	Comments

Note: The table above details the corrections made to published data due to incorrect reporting or misleading published data



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