

RESULTS OF WATER ANALYSIS

1 sample supplied by JR Richards & Sons Pty Ltd on 17/10/2022. Lab Job No. N3685.

Samples submitted by Indika Kelasekara. Your Job: Leachate Dam 10.10.22

15-19 Brickworks Lane SOUTH GRAFTON NSW 2461

Parameter	Methods reference	Sample 1 Leachate Dam
	<i>Job No.</i>	<i>N3685/1</i>
pH	APHA 4500-H ⁺ -B	7.98
Conductivity (EC) (dS/m)	APHA 2510-B	4.25
Total Dissolved Salts (mg/L)	** Calculation using EC x 680	2,889
Total Suspended Solids (mg/L)	GFC equiv. filter - APHA 2540-D	213
Biochemical Oxygen Demand ₅ (mg/L O ₂)	APHA 5210-B	74.0
Total Oils and Grease (mg/L)	APHA 5520-D (hexane extractable)	3
Nitrate (mg/L N)	APHA 4500 NO ₃ ⁻ -F	<0.05
Ammonia (mg/L N)	APHA 4500 NH ₃ -H	19.1

Notes:

- 1 mg/L (milligram per litre) = 1 ppm (part per million) = 1000 µg/L (micrograms per litre) = 1000 ppb (part per billion).
- For conductivity 1 dS/m = 1 mS/cm = 1000 µS/cm.
- Analysis performed according to APHA (2017) 'Standard Methods for the Examination of Water & Wastewater', 23rd Edition, except where stated otherwise.
- Analysis conducted between sample arrival date and reporting date.
- ** NATA accreditation does not cover the performance of this service.
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- Results relate only to the samples tested.
- This report was updated on 24/10/2022 and replaces the draft report issued on 21/10/2022. BOD results are now included.

