



Certificate Of Analysis

Client: Kyogle Council (Tradewaste & Environmental)
Address: PO Box 11
Kyogle NSW 2474
Contact: Kyogle Council
Sampled by: Mia Donnelly

Final report

Report no: 19/1163
Date received: 17/07/2019
Testing commenced: 17/07/2019
Date reported: 29/07/2019
No. of samples: 2
Revision no: 00

* **Subcontract Laboratory:** Envirolab (NATA 2901)

* **Subcontract Reference:** 221999

Runnymede Road WMF - Leachate

Sampled in accordance with RWL 2.0 to 2.05

Sample No.: Sample description: Date sampled: Time sampled:	Unit	Method	LOR	19/1163/1 Leachate Pond West 1 17/07/2019	19/1163/2 Leachate Pond East 2 17/07/2019
pH	pH	APHA4500H		8.6	7.9
Electrical Conductivity	µS/cm	APHA2510B	1	1,100	1,230
Chloride	mg/L	RWL 10.09	2	180	262
Sulphate#	mg/L	RWL 10.10	1	11.1	24.4
Ammonia-N	mg/L	RWL 10.06	0.01	<0.01	3.5
Nitrogen - Nitrate-N	mg/L	RWL 10.05	0.05	<0.05	1.3
Nitrogen - Nitrite-N	mg/L	RWL 10.05	0.01	<0.01	0.28
Nitrogen - Total	mg/L	RWL 10.04	0.1	11	10
Alkalinity (as CaCO3)	mg/L	APHA2320B	20	285	191
Arsenic (Total)	mg/L	APHA3120B	0.005	0.005	<0.005
Iron (Total)	mg/L	APHA3120B	0.005	5.8	4.4
Manganese (Total)	mg/L	APHA3120B	0.005	0.25	0.46
Calcium	mg/L	APHA3120B	0.1	43.1	30.3
Potassium	mg/L	APHA3120B	0.1	42.2	31.9



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Magnesium	mg/L	APHA3120B	0.1	23.1	21.6
Sodium	mg/L	APHA3120B	0.15	126	156
Dissolved Organic Carbon*	mg/L	Envirolab	1	26	26
TRHC10-C14*	µg/L	Envirolab	50	<50	53
TRHC15-C28*	µg/L	Envirolab	100	<100	140
TRHC29-C36*	µg/L	Envirolab	100	<100	<100

General comments: This report must not be reproduced except in full. This report relates only to items tested as specified herein.
Samples analysed between date received and date reported. Accredited for compliance with ISO/IEC 17025 - Testing
NATA accreditation does not cover the performance of this service. Tests marked with * are subcontracted.
LOR denotes 'Limit of Reporting' < denotes less than; > denotes greater than; ND denotes 'not detected'
The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards

Specific comments:

M Window
Laboratory Analyst
Approved Authoriser