



Certificate Of Analysis

Client: Kyogle Council (Tradewaste & Environmental)

Final report

Address: PO Box 11
Kyogle NSW 2474

Contact: David Bell

Sampled by: Mia Donnelly

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

* **Subcontract Reference:** 174208

Sampled in accordance with RWL 2.0 to 2.05

Runnymede Road WMF - Leachate

Report no: 17/1385

Date received: 23/08/2017

Testing commenced: 23/08/2017

Date reported: 4/09/2017

No. of samples: 2

Revision no: 00

Sample No.: Sample description: Date sampled:	Unit	Method	LOR	17/1385/1 Leachate Pond West 1 23/08/2017	17/1385/2 Leachate Pond East 2 23/08/2017
pH	pH	APHA4500H		7.4	7.7
Electrical Conductivity	µS/cm	APHA2510B	1	1,730	1,800
Chloride	mg/L	RWL 10.09	2	168	218
Sulphate#	mg/L	RWL 10.10	1	<1.0	<1.0
Ammonia-N	mg/L	RWL 10.06	0.01	33	39
Nitrogen - Nitrate-N	mg/L	RWL 10.05	0.05	2.9	<0.05
Nitrogen - Nitrite-N	mg/L	RWL 10.05	0.01	0.29	<0.01
Nitrogen - Total	mg/L	RWL 10.04	0.1	47	44
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	571	571
Arsenic (Total)	mg/L	APHA3120B	0.005	0.005	<0.005
Iron (Total)	mg/L	APHA3120B	0.005	16.1	8.0
Manganese (Total)	mg/L	APHA3120B	0.005	1.78	1.04
Calcium	mg/L	APHA3120B	0.1	129	75.0
Potassium	mg/L	APHA3120B	0.1	88.0	55.0
Magnesium	mg/L	APHA3120B	0.1	45.0	35.0



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Sodium	mg/L	APHA3120B	0.15	188	183
Dissolved Organic Carbon*	mg/L	Envirolab	1	50	39
TRHC10-C14*	µg/L	Envirolab	50	110	160
TRHC15-C28*	µg/L	Envirolab	100	560	460
TRHC29-C36*	µg/L	Envirolab	100	140	<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. # NATA accreditation does not cover the performance of this service. Tests marked with * are subcontracted. LOR denotes 'Limit of Reporting'

Specific comments:

A. Hawthorne
Laboratory Manager
Approved Authoriser