



Certificate Of Analysis

Client: Kyogle Council (Tradewaste & Environmental)

Final report

Address: PO Box 11
Kyogle NSW 2474

Contact: David Bell

Sampled by: Jacob Arthur

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

* **Subcontract Reference:** 160535

Sampled in accordance with RWL 2.0 to 2.05

Runnymede Road WMF - Leachate

Report no: 17/0124

Date received: 18/01/2017

Testing commenced: 18/01/2017

Date reported: 1/02/2017

No. of samples: 2

Revision no: 00

Sample No.: Sample description: Date sampled:	Unit	Method	LOR	17/0124/1 Leachate Pond West 1 18/01/2017	17/0124/2 Leachate Pond East 2 18/01/2017
pH	pH	APHA4500H		9.2	8.3
Electrical Conductivity	µS/cm	APHA2510B	1	893	785
Chloride	mg/L	RWL 10.09	2	150	154
Sulphate#	mg/L	RWL 10.10	1	<1.0	<1.0
Ammonia-N	mg/L	RWL 10.06	0.01	<0.01	1.3
Nitrogen - Nitrate-N	mg/L	RWL 10.05	0.05	<0.05	0.07
Nitrogen - Nitrite-N	mg/L	RWL 10.05	0.01	<0.01	0.04
Nitrogen - Total	mg/L	RWL 10.04	0.1	20	6.7
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	229	161
Arsenic (Total)	mg/L	APHA3120B	0.005	<0.005	<0.005
Iron (Total)	mg/L	APHA3120B	0.005	3.0	3.0
Manganese (Total)	mg/L	APHA3120B	0.005	0.13	0.30
Calcium	mg/L	APHA3120B	0.1	21.1	22.0
Potassium	mg/L	APHA3120B	0.1	46.2	21.8
Magnesium	mg/L	APHA3120B	0.1	15.4	15.2



Certificate Of Analysis

Client: Kyogle Council (Tradewaste & Environmental)

Report no: 17/0124

Sample No.: Sample description: Date sampled:	Unit	Method	LOR	17/0124/1 Leachate Pond West 1 18/01/2017	17/0124/2 Leachate Pond East 2 18/01/2017
Sodium	mg/L	APHA3120B	0.15	125	110
Dissolved Organic Carbon*	mg/L	Envirolab	1	54	22
TRHC10-C14*	µg/L	Envirolab	50	<50	<50
TRHC15-C28*	µg/L	Envirolab	100	<100	<100
TRHC29-C36*	µg/L	Envirolab	100	<100	130

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