



Certificate Of Analysis

Client: Kyogle Council (Tradewaste & Environmental)

Final report

Report no: 16/0622

Address: PO Box 11
Kyogle NSW 2474

Date received: 13/04/2016

Contact: Greg Meyers

Testing commenced: 13/04/2016

Sampled by: Jacob Arthur

Date reported: 27/04/2016

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

No. of samples: 2

* **Subcontract Reference:** 145098

KSC Landfill Monitoring - Leachate

Revision no: 00

Sampled in accordance with RWL 2.0 to 2.05

Sample No.: Sample description: Date sampled:	Unit	Method	LOR	16/0622/1 Leachate Pond West 1 13/04/2016	16/0622/2 Leachate Pond East 2 13/04/2016
pH	pH	APHA4500H		9.0	7.9
Electrical Conductivity	µS/cm	APHA2510B	1	830	779
Chloride	mg/L	RWL 10.09	2	135	150
Sulphate#	mg/L	RWL 10.10	1	<1	<1
Ammonia-N	mg/L	RWL 10.06	0.01	0.20	3.6
Nitrogen - Nitrate-N	mg/L	RWL 10.05	0.05	<0.050	0.24
Nitrogen - Nitrite-N	mg/L	RWL 10.05	0.01	0.010	0.090
Nitrogen - Total	mg/L	RWL 10.04	0.1	7.9	7.6
Alkalinity (as CaCO3)	mg/L	APHA2320B	20	194	159
Arsenic (Total)	mg/L	APHA3120B	0.005	<0.005	<0.005
Iron (Total)	mg/L	APHA3120B	0.005	2.22	2.54
Manganese (Total)	mg/L	APHA3120B	0.005	0.13	0.27
Calcium	mg/L	APHA3120B	0.1	15.4	22.6
Potassium	mg/L	APHA3120B	0.1	36	17
Magnesium	mg/L	APHA3120B	0.1	16	15



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Sodium	mg/L	APHA3120B	0.15	119	93
Dissolved Organic Carbon*	mg/L	Envirolab	1	37	14
TRHC10-C14*	µg/L	Envirolab	50	<50	<50
TRHC15-C28*	µg/L	Envirolab	100	<100	<100
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.
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