



Certificate Of Analysis

Client: Kyogle Council (Tradewaste & Environmental)

Address: PO Box 11
Kyogle NSW 2474

Contact: Andrew Clark

Sampled by: Malcolm Window

Subcontract Laboratory: Envirolab (NATA 2901)

Subcontract Reference: 106543

Sampled in accordance with RWL 2.0 to 2.05

KSC Landfill Monitoring

Report no: 14/0445

Date sampled: 12/03/2014

Date received: 12/03/2014

Date reported: 24/03/2014

No. of samples: 2

Revision no: 00

Testing commenced: 12/03/2014

PARAMETER	Unit	Method	LOR	14/0445/1 Leachate Pond West 1	14/0445/2 Leachate Pond East 2
pH	pH	APHA4500H	0.1	8.3	8.6
Electrical Conductivity	µS/cm	APHA2510B	1	1,036	1,909
Chloride	mg/L	RWL 10.09	2	190	530
Sulphate#	mg/L	RWL 10.10	2	<2	35
Ammonia-N	mg/L	RWL 10.06	0.01	0.26	0.050
Nitrogen - Nitrate-N	mg/L	RWL 10.05	0.05	0.080	<0.050
Nitrogen - Nitrite-N	mg/L	RWL 10.05	0.01	0.070	<0.010
Nitrogen - Total	mg/L	RWL 10.04	0.1	4.4	17
Alkalinity (as CaCO3)	mg/L	APHA2320B	20	216	136
Arsenic (Total)	mg/L	APHA3120B	0.005	<0.005	0.005
Iron (Total)	mg/L	APHA3120B	0.005	0.28	7.90
Manganese (Total)	mg/L	APHA3120B	0.005	0.056	0.25
Calcium	mg/L	APHA3120B	0.1	25.4	26.6
Potassium	mg/L	APHA3120B	0.1	25	39
Magnesium	mg/L	APHA3120B	0.1	18	21
Sodium	mg/L	APHA3120B	0.15	125	247



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PARAMETER	Unit	Method	LOR	14/0445/1 Leachate Pond West 1	14/0445/2 Leachate Pond East 2
Dissolved Organic Carbon*	mg/L	Envirolab	1	24	37
TRHC10-C14*	µg/L	Envirolab	50	<50	<50
TRHC15-C28*	µg/L	Envirolab	100	<100	1,100
TRHC29-C36*	µg/L	Envirolab	100	<100	150

Comments:

A. Hawthorne
Laboratory Manager
Approved Authoriser

This report must not be reproduced except in full.
This report relates only to the items tested as specified herein.
Samples analysed between date of sampling and date reported.

Accredited for compliance with ISO/IEC 17025.
NATA accreditation does not cover the performance of this service.
Tests marked with a '*' are subcontracted.
LOR denotes 'Limit of Reporting'.