



## 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:** 93414

*Sampled in accordance with RWL 2.0 to 2.05*

KSC Landfill Monitoring - Leachates QTLY

**Report no:** 13/1114  
**Date sampled:** 2/07/2013  
**Date received:** 2/07/2013  
**Date reported:** 12/07/2013  
**No. of samples:** 2  
**Revision no:** 00  
**Testing commenced:** 2/07/2013

PARAMETER	Unit	Method	LOR	13/1114/1 Leachate Pond West 1	13/1114/2 Leachate Pond East 2
TRHC10-C14*	µg/L	USEPA8000	50	61	300
TRHC15-C28*	µg/L	USEPA8000	100	350	440
TRHC29-C36*	µg/L	USEPA8000	100	<100	150
Dissolved Organic Carbon*	mg/L	Envirolab	1	29	28
pH	pH	APHA4500H	0.1	8.0	7.3
Electrical Conductivity	µS/cm	APHA2510B	1	1,047	776
Arsenic (Total)	mg/L	APHA3120B	0.005	<0.005	<0.005
Iron (Total)	mg/L	APHA3120B	0.005	1.22	3.98
Manganese (Total)	mg/L	APHA3120B	0.005	0.21	0.34
Calcium	mg/L	APHA3120B	0.1	41.6	27.7
Potassium	mg/L	APHA3120B	0.1	25	15
Magnesium	mg/L	APHA3120B	0.1	18	14
Sodium	mg/L	APHA3120B	0.15	99	79
Chloride	mg/L	RWL 10.09	2	140	130
Sulphate#	mg/L	RWL 10.10	2	32	36
Nitrogen - Total	mg/L	RWL 10.04	0.1	20	9



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Ammonia-N	mg/L	RWL 10.06	0.01	15	9
Nitrogen - Nitrite-N	mg/L	RWL 10.05	0.01	0.23	0.12
Nitrogen - Nitrate-N	mg/L	RWL 10.05	0.05	2.7	2.3
Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA2320B	20	288	168

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'.