



## Certificate Of Analysis

**Client:** Kyogle Council (Tradewaste & Environmental)  
**Address:** PO Box 11  
Kyogle NSW 2474  
**Contact:** Andrew Clark  
**Sampled by:** M. Rowe  
**Subcontract Laboratory:** Envirolab (NATA 2901)  
**Subcontract Reference:** 80137

*Sampled in accordance with RWL 2.0 to 2.05*

KSC Landfill Monitoring

**Report no:** 12/01730  
**Date sampled:** 10/10/2012  
**Date received:** 10/10/2012  
**Date reported:** 30/10/2012  
**No. of samples:** 2  
**Revision no:** 00  
**Testing commenced:** 10/10/2012

PARAMETER	Unit	Method	LOR	12/01730/1 Leachate Pond East 2	12/01730/2 Leachate Pond West 1
Arsenic (Total)	mg/L	APHA3120B	0.005	<0.005	<0.005
Chloride#	mg/L	RWL 10.09	1	<u>280</u>	22
Electrical Conductivity	µS/cm	APHA2510B	1	1,435	1,359
Dissolved Organic Carbon*	mg/L	Envirolab	1	33	41
Iron (Total)	mg/L	APHA3120B	0.005	1.94	9.14
Magnesium	mg/L	APHA3120B	0.1	31	30
Manganese (Total)	mg/L	APHA3120B	0.005	0.37	0.40
Potassium	mg/L	APHA3120B	0.1	35	40
Sodium	mg/L	APHA3120B	0.15	190	177
Calcium	mg/L	APHA3120B	0.1	48.6	34.4
Sulphate	mg/L	APHA4500SO4E	5	43	<5
pH	pH	APHA4500H	0.1	7.9	<u>8.6</u>
Nitrogen - Total	mg/L	RWL 10.04	0.1	4.9	37
Ammonia-N	mg/L	RWL 10.06	0.01	7.4	22
TRHC10-C14*	µg/L	USEPA 8000	50	<50	130
TRHC15-C28*	µg/L	USEPA 8000	100	<100	500



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PARAMETER	Unit	Method	LOR	12/01730/1 Leachate Pond East 2	12/01730/2 Leachate Pond West 1
TRHC29-C36*	µg/L	USEPA 8000	100	<100	210
Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA2320B	20	240	385
Nitrogen - Nitrite-N	mg/L	RWL 10.05	0.01	0.050	0.73
Nitrogen - Nitrate-N	mg/L	RWL 10.05	0.01	0.25	2.7

Comments:

This report must not be reproduced except in full.  
This report relates only to the 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 a '\*' are subcontracted.  
LOR denotes 'Limit of Reporting'.