



## 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:** 100903

*Sampled in accordance with RWL 2.0 to 2.05*

KSC Landfill Monitoring

**Report no:** 13/1979  
**Date sampled:** 13/11/2013  
**Date received:** 13/11/2013  
**Date reported:** 29/11/2013  
**No. of samples:** 2  
**Revision no:** 00  
**Testing commenced:** 13/11/2013

PARAMETER	Unit	Method	LOR	13/1979/1 Leachate Pond East 2	13/1979/2 Leachate Pond West 1
Ammonia-N	mg/L	RWL 10.06	0.01	0.55	0.030
Arsenic (Total)	mg/L	APHA3120B	0.005	<0.005	0.005
Calcium	mg/L	APHA3120B	0.1	37.7	31.2
Chloride	mg/L	RWL 10.09	2	315	225
Electrical Conductivity	µS/cm	APHA2510B	1	1,360	1,139
Dissolved Organic Carbon*	mg/L	Envirolab	1	26	35
Iron (Total)	mg/L	APHA3120B	0.005	0.66	3.56
Magnesium	mg/L	APHA3120B	0.1	24	23
Manganese (Total)	mg/L	APHA3120B	0.005	0.024	0.38
Nitrogen - Total	mg/L	RWL 10.04	0.1	4.0	11
Potassium	mg/L	APHA3120B	0.1	28	32
Sodium	mg/L	APHA3120B	0.15	187	152
Sulphate#	mg/L	RWL 10.10	2	45	<2
pH	pH	APHA4500H	0.1	8.3	9.0
TRHC10-C36*	µg/L	USEPA 8000	100	[ND]	760
Alkalinity (as CaCO3)	mg/L	APHA2320B	20	184	255



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PARAMETER	Unit	Method	LOR	13/1979/1 Leachate Pond East 2	13/1979/2 Leachate Pond West 1
Nitrogen - Nitrate-N	mg/L	RWL 10.05	0.05	0.17	<0.050
Nitrogen - Nitrite-N	mg/L	RWL 10.05	0.01	0.080	0.020

Comments:

V. Barnett  
Laboratory Analyst  
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'.