



# Certificate Of Analysis

**Client:** Kyogle Council (Tradewaste & Environmental)  
**Address:** PO Box 11  
Kyogle NSW 2474  
**Contact:** David Bell  
**Sampled by:** Jacob Arthur  
**Subcontract Laboratory:** Envirolab (NATA 2901)  
**Subcontract Reference:** 132016

*Sampled in accordance with RWL 2.0 to 2.05*

KSC Landfill Monitoring- Leachate

**Report no:** 15/1189  
**Date received:** 29/07/2015  
**Testing commenced:** 29/07/2015  
**Date reported:** 17/08/2015  
**No. of samples:** 2  
**Revision no:** 00

Sample No.: Sample description: Date sampled:	Unit	Method	LOR	15/1189/1 Leachate Pond West 1 29/07/2015	15/1189/2 Leachate Pond East 2 29/07/2015
pH	pH	APHA4500H		7.5	7.3
Electrical Conductivity	µS/cm	APHA2510B	1	1,126	941
Chloride	mg/L	RWL 10.09	2	125	185
Sulphate#	mg/L	RWL 10.10	1	<2	19
Ammonia-N	mg/L	RWL 10.06	0.01	28	9.1
Nitrogen - Nitrate-N	mg/L	RWL 10.05	0.05	0.12	1.6
Nitrogen - Nitrite-N	mg/L	RWL 10.05	0.01	0.030	0.14
Nitrogen - Total	mg/L	RWL 10.04	0.1	34	12
Alkalinity (as CaCO3)	mg/L	APHA2320B	20	390	161
Arsenic (Total)	mg/L	APHA3120B	0.005	<0.005	<0.005
Iron (Total)	mg/L	APHA3120B	0.005	3.60	0.45
Manganese (Total)	mg/L	APHA3120B	0.005	0.28	0.19
Calcium	mg/L	APHA3120B	0.1	43.6	29.6
Potassium	mg/L	APHA3120B	0.1	31	17
Magnesium	mg/L	APHA3120B	0.1	20	16



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Sodium	mg/L	APHA3120B	0.15	110	114
Dissolved Organic Carbon*	mg/L	Envirolab	1	33	13
TRHC10-C14*	µg/L	Envirolab	50	<50	<50
TRHC15-C28*	µg/L	Envirolab	100	160	<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:

M. Window  
Laboratory Analyst  
Approved Authoriser