



## Certificate Of Analysis

**Client:** Kyogle Council (Tradewaste & Environmental)  
**Address:** PO Box 11  
Kyogle NSW 2474  
**Contact:** David Bell  
**Sampled by:** Allison Hawthorne  
**Subcontract Laboratory:** Envirolab (NATA 2901)  
**Subcontract Reference:** 122570

*Sampled in accordance with RWL 2.0 to 2.05*

KSC Landfill Monitoring - SW

**Report no:** 15/0131  
**Date sampled:** 23/01/2015  
**Date received:** 23/01/2015  
**Date reported:** 3/02/2015  
**No. of samples:** 3  
**Revision no:** 00  
**Testing commenced:** 23/01/2015

PARAMETER	Unit	Method	LOR	15/0131/1 SW1	15/0131/2 SW2	15/0131/3 SW3
TRHC10-C14*	µg/L	Envirolab	50	<50	<50	<50
TRHC15-C28*	µg/L	Envirolab	100	<100	<100	<100
TRHC29-C36*	µg/L	Envirolab	100	<100	<100	<100
Dissolved Organic Carbon*	mg/L	Envirolab	1	13	24	35
pH	pH	APHA4500H	0.1	6.8	6.8	6.9
Electrical Conductivity	µS/cm	APHA2510B	1	65.3	407	174
Arsenic (Total)	mg/L	APHA3120B	0.005	<0.005	0.005	<0.005
Iron (Total)	mg/L	APHA3120B	0.005	10	6.90	10
Manganese (Total)	mg/L	APHA3120B	0.005	0.12	0.049	0.047
Calcium	mg/L	APHA3120B	0.1	5.5	14.5	6.7
Potassium	mg/L	APHA3120B	0.1	2.4	16	6.8
Magnesium	mg/L	APHA3120B	0.1	4.6	6.3	3.9
Sodium	mg/L	APHA3120B	0.15	6	45	20
Chloride	mg/L	RWL 10.09	2	6	49	23
Nitrogen - Total	mg/L	RWL 10.04	0.1	1.0	3.5	2.0
Ammonia-N	mg/L	RWL 10.06	0.01	0.020	0.050	0.010



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Nitrogen - Nitrite-N	mg/L	RWL 10.05	0.01	0.010	0.010	<0.010
Nitrogen - Nitrate-N	mg/L	RWL 10.05	0.05	<0.050	0.69	<0.050
Alkalinity (as CaCO <sub>3</sub> )	mg/L	APHA2320B	20	24	46	37
Suspended Solids	mg/L	APHA2540D	1	85	50	45

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'.