



Certificate Of Analysis

Client: Kyogle Council (Tradewaste & Environmental)

Final report

Report no: 16/0889

Address: PO Box 11
Kyogle NSW 2474

Date received: 6/06/2016

Contact: David Bell

Testing commenced: 6/06/2016

Sampled by: Malcolm Window

Date reported: 21/06/2016

* **Subcontract Laboratory:** Envirolab (NATA 2901)

No. of samples: 2

* **Subcontract Reference:** 148266

KSC Landfill Monitoring - SW

Revision no: 00

Sampled in accordance with RWL 2.0 to 2.05

Sample No.: Sample description: Date sampled:	Unit	Method	LOR	16/0889/1 SW2 6/06/2016	16/0889/2 SW3 6/06/2016
TRHC10-C14*	µg/L	Envirolab	50	<50	<50
TRHC15-C28*	µg/L	Envirolab	100	<100	<100
TRHC29-C36*	µg/L	Envirolab	100	<100	<100
Dissolved Organic Carbon*	mg/L	Envirolab	1	21	11
pH	pH	APHA4500H		6.9	6.6
Electrical Conductivity	µS/cm	APHA2510B	1	747	180
Arsenic (Total)	mg/L	APHA3120B	0.005	0.050	0.040
Iron (Total)	mg/L	APHA3120B	0.005	1.04	5.74
Manganese (Total)	mg/L	APHA3120B	0.005	0.043	0.018
Calcium	mg/L	APHA3120B	0.1	30.9	6.2
Potassium	mg/L	APHA3120B	0.1	20	3.7
Magnesium	mg/L	APHA3120B	0.1	15	3.2
Sodium	mg/L	APHA3120B	0.15	85	22
Chloride	mg/L	RWL 10.09	2	110	26
Nitrogen - Total	mg/L	RWL 10.04	0.1	3.9	1.3
Ammonia-N	mg/L	RWL 10.06	0.01	0.37	<0.010



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Nitrogen - Nitrite-N	mg/L	RWL 10.05	0.01	0.090	<0.010
Nitrogen - Nitrate-N	mg/L	RWL 10.05	0.05	1.8	0.45
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	96	<20
Suspended Solids	mg/L	APHA2540D	1	30	25

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:

V. Barnett
Laboratory Analyst
Approved Authoriser