



Certificate Of Analysis

Client: Kyogle Council (Tradewaste & Environmental)
Address: PO Box 11
 Kyogle NSW 2474
Contact: Andrew Clark
Sampled by: Michael Rowe
Subcontract Laboratory: Envirolab (NATA 2901)
Subcontract Reference: 81760

Report no: 12/01903
Date sampled: 12/11/2012
Date received: 12/11/2012
Date reported: 28/11/2012
No. of samples: 4
Revision no: 00
Testing commenced: 12/11/2012

KSC Landfill Monitoring

Sampled in accordance with RWL 2.0 to 2.05

PARAMETER	Unit	Method	LOR	12/01903/1 SW2	12/01903/2 Sediment Pond 1	12/01903/3 Sediment Basin 2	12/01903/4 Discharge Point Burrow Pit
Dissolved Organic Carbon*	mg/L	Envirolab	1	12	21	30	7.0
TRHC10-C14*	µg/L	USEPA 8000	50	<50	<50	<50	<50
TRHC15-C28*	µg/L	USEPA 8000	100	<100	<100	<100	<100
TRHC29-C36*	µg/L	USEPA 8000	100	<100	<100	<100	<100
pH	pH	APHA4500H	0.1	7.6	9.3	7.3	4.5
Electrical Conductivity	µS/cm	APHA2510B	1	376	325	1,013	825
Chloride#	mg/L	RWL 10.09	2	65	55	130	215
Arsenic (Total)	mg/L	APHA3120B	0.005	<0.005	0.005	<0.005	<0.005
Iron (Total)	mg/L	APHA3120B	0.005	1.46	2.50	0.47	0.77
Manganese (Total)	mg/L	APHA3120B	0.005	0.035	0.14	0.013	0.82
Calcium	mg/L	APHA3120B	0.1	15.4	13.7	67.1	2.3
Magnesium	mg/L	APHA3120B	0.1	12	6.7	35	17
Potassium	mg/L	APHA3120B	0.1	2.2	7.5	25	3.8
Sodium	mg/L	APHA3120B	0.15	40	38	79	104
Nitrogen - Total	mg/L	RWL 10.04	0.1	0.88	3.0	15	14

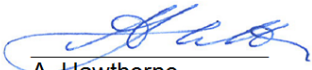
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Ammonia-N	mg/L	RWL 10.06	0.01	0.030	<0.010	0.020	0.32
Nitrogen - Nitrate-N	mg/L	RWL 10.05	0.01	0.030	0.030	13	13
Alkalinity (as CaCO ₃)	mg/L	APHA2320B	20	79	63	220	<20
Suspended Solids	mg/L	APHA2540D	1	11	42	25	23

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 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'.