



Certificate Of Analysis

Client: Kyogle Council (Tradewaste & Environmental)
Address: PO Box 11
 Kyogle NSW 2474
Contact: Shaun Mackney
Sampled by: Mia Donnelly
***Subcontract laboratory:** Envirolab (NATA2901)
***Subcontract reference:** 203466

Report no: 18/1609 00
Date sampled: 17/10/2018
Date received: 17/10/2018
Testing commenced: 17/10/2018
No. samples: 2
Date reported: 30/10/2018

Sample ID. Leachate Pond West 1
Sample No. 1
Sampled in accordance with RWL 2.0 to 2.05


PARAMETER	Method No.	LOR	Unit	Result
pH	APHA4500H		pH	9.2
Electrical Conductivity	APHA2510B	1	µS/cm	867
Chloride	RWL 10.09	2	mg/L	129
Sulphate#	RWL 10.10	1	mg/L	37.2
Ammonia-N	RWL 10.06	0.01	mg/L	<0.01
Nitrogen - Nitrate-N	RWL 10.05	0.05	mg/L	<0.05
Nitrogen - Nitrite-N	RWL 10.05	0.01	mg/L	<0.01
Nitrogen - Total	RWL 10.04	0.1	mg/L	8.7
Alkalinity (as CaCO3)	APHA2320B	20	mg/L	182
Arsenic (Total)	APHA3120B	0.005	mg/L	<0.005
Iron (Total)	APHA3120B	0.005	mg/L	1.5
Manganese (Total)	APHA3120B	0.005	mg/L	0.088
Calcium	APHA3120B	0.1	mg/L	20.0
Potassium	APHA3120B	0.1	mg/L	38.6
Magnesium	APHA3120B	0.1	mg/L	15.7
Sodium	APHA3120B	0.15	mg/L	129
Dissolved Organic Carbon*	Envirolab	1	mg/L	36
TRHC10-C14*	Envirolab	50	µg/L	84
TRHC15-C28*	Envirolab	100	µg/L	190
TRHC29-C36*	Envirolab	100	µg/L	<100

Final report

Notes:

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'.


 M Window
 Laboratory Analyst
 Approved Authoriser



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Sample ID. Leachate Pond East 2

Sample No. 2

Sampled in accordance with RWL 2.0 to 2.05


PARAMETER	Method No.	LOR	Unit	Result
pH	APHA4500H		pH	8.7
Electrical Conductivity	APHA2510B	1	µS/cm	1,080
Chloride	RWL 10.09	2	mg/L	197
Sulphate#	RWL 10.10	1	mg/L	22.8
Ammonia-N	RWL 10.06	0.01	mg/L	6.5
Nitrogen - Nitrate-N	RWL 10.05	0.05	mg/L	0.79
Nitrogen - Nitrite-N	RWL 10.05	0.01	mg/L	0.33
Nitrogen - Total	RWL 10.04	0.1	mg/L	17
Alkalinity (as CaCO3)	APHA2320B	20	mg/L	198
Arsenic (Total)	APHA3120B	0.005	mg/L	<0.005
Iron (Total)	APHA3120B	0.005	mg/L	5.0
Manganese (Total)	APHA3120B	0.005	mg/L	0.30
Calcium	APHA3120B	0.1	mg/L	29.5
Potassium	APHA3120B	0.1	mg/L	39.3
Magnesium	APHA3120B	0.1	mg/L	20.0
Sodium	APHA3120B	0.15	mg/L	145
Dissolved Organic Carbon*	Envirolab	1	mg/L	29
TRHC10-C14*	Envirolab	50	µg/L	97
TRHC15-C28*	Envirolab	100	µg/L	190
TRHC29-C36*	Envirolab	100	µg/L	<100

Final report

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