



Certificate Of Analysis

Client: Kyogle Council (Tradewaste & Environmental)
Address: PO Box 11
 Kyogle NSW 2474
Contact: David Bell
Sampled by: A.Hawthorne
***Subcontract laboratory:** Envirolab (NATA2901)
***Subcontract reference:** 169342

Report no: 17/0955-A 00
Date sampled: 13/06/2017
Date received: 13/06/2017
Testing commenced: 13/06/2017
No. samples: 3
Date reported: 26/06/2017

Sample ID. SW1

Sample No. 1

Sampled in accordance with RWL 2.0 to 2.05

PARAMETER	Method No.	LOR	Unit	Result
pH	APHA4500H		pH	6.6
Electrical Conductivity	APHA2510B	1	µS/cm	75.1
Arsenic (Total)	APHA3120B	0.005	mg/L	0.006
Iron (Total)	APHA3120B	0.005	mg/L	2.3
Manganese (Total)	APHA3120B	0.005	mg/L	0.027
Calcium	APHA3120B	0.1	mg/L	6.4
Potassium	APHA3120B	0.1	mg/L	1.6
Magnesium	APHA3120B	0.1	mg/L	2.6
Sodium	APHA3120B	0.15	mg/L	5.1
Chloride	RWL 10.09	2	mg/L	6
Ammonia-N	RWL 10.06	0.01	mg/L	0.03
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	0.57
Alkalinity (as CaCO3)	APHA2320B	20	mg/L	26
Suspended Solids	APHA2540D	1	mg/L	31

Final report

Notes:

TPH glass bottle sample for sample 1 broken in transit. Resample taken 21.06.17 job no. 17/0955-B

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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'.



A. Hawthorne
Laboratory Manager
Approved Authoriser



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Sample ID. SW2

Sample No. 2

Sampled in accordance with RWL 2.0 to 2.05

PARAMETER	Method No.	LOR	Unit	Result
pH	APHA4500H		pH	7.3
Dissolved Organic Carbon*	Envirolab	1	mg/L	31
TRHC10-C14*	Envirolab	50	µg/L	53
TRHC15-C28*	Envirolab	100	µg/L	<100
TRHC29-C36*	Envirolab	100	µg/L	<100
Electrical Conductivity	APHA2510B	1	µS/cm	729
Arsenic (Total)	APHA3120B	0.005	mg/L	0.005
Iron (Total)	APHA3120B	0.005	mg/L	2.4
Manganese (Total)	APHA3120B	0.005	mg/L	0.065
Calcium	APHA3120B	0.1	mg/L	40.1
Potassium	APHA3120B	0.1	mg/L	24.7
Magnesium	APHA3120B	0.1	mg/L	18.1
Sodium	APHA3120B	0.15	mg/L	72.3
Chloride	RWL 10.09	2	mg/L	84
Ammonia-N	RWL 10.06	0.01	mg/L	6.2
Nitrogen - Nitrate-N	RWL 10.05	0.05	mg/L	1.6
Nitrogen - Nitrite-N	RWL 10.05	0.01	mg/L	1.2
Nitrogen - Total	RWL 10.04	0.1	mg/L	13
Alkalinity (as CaCO3)	APHA2320B	20	mg/L	180
Suspended Solids	APHA2540D	1	mg/L	93

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Sample ID. SW3

Sample No. 3

Sampled in accordance with RWL 2.0 to 2.05

PARAMETER	Method No.	LOR	Unit	Result
pH	APHA4500H		pH	7.1
Dissolved Organic Carbon*	Envirolab	1	mg/L	8
TRHC10-C14*	Envirolab	50	µg/L	<50
TRHC15-C28*	Envirolab	100	µg/L	<100
TRHC29-C36*	Envirolab	100	µg/L	<100
Electrical Conductivity	APHA2510B	1	µS/cm	189
Arsenic (Total)	APHA3120B	0.005	mg/L	0.005
Iron (Total)	APHA3120B	0.005	mg/L	3.6
Manganese (Total)	APHA3120B	0.005	mg/L	0.039
Calcium	APHA3120B	0.1	mg/L	11.3
Potassium	APHA3120B	0.1	mg/L	5.7
Magnesium	APHA3120B	0.1	mg/L	5.0
Sodium	APHA3120B	0.15	mg/L	18.5
Chloride	RWL 10.09	2	mg/L	16
Ammonia-N	RWL 10.06	0.01	mg/L	0.48
Nitrogen - Nitrate-N	RWL 10.05	0.05	mg/L	2.2
Nitrogen - Nitrite-N	RWL 10.05	0.01	mg/L	0.04
Nitrogen - Total	RWL 10.04	0.1	mg/L	3.7
Alkalinity (as CaCO3)	APHA2320B	20	mg/L	44
Suspended Solids	APHA2540D	1	mg/L	36

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