

PO Box 1751
Adelaide SA 5001

250 Victoria Square
Adelaide SA 5000

Tel: 1300 653 366
Fax: 1300 883 171

Internet: www.awqc.com.au
Email: awqc@sawater.com.au



Glen Meadow Community Water Inc.
[REDACTED]

PO Box 87
Meadows
SA 5201 AUSTRALIA

19/03/2018

Dear [REDACTED]

Please find attached the Final Analytical Report for

Customer Service Request: 142533-2017-CSR-2
Account: 142533
Project: AWQC-123854 Glen Meadows - Non routine 17/18

AWQC Sample Receipt hours are Monday and Tuesday 8:30am to 8pm and Wednesday, Thursday and Friday 8:30am to 4:30pm.

Yours sincerely,

[REDACTED]

[REDACTED]
Customer Services Officer
[REDACTED]
[REDACTED]



FINAL REPORT: 222210

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Report Information

Project Name AWQC-123854
Customer Glen Meadow Community Water Inc.
CSR_ID 142533-2017-CSR-2

Analytical Results

Customer Sample Description ● Michelmore Drive Meadows-Garden tap
Sampling Point 39238-Glen Meadow Community Water Assoc Inc.
Sampled Date 23/02/2018 10:22:39AM
Sample Received Date 23/02/2018 10:22:39AM
Sample Analysis Completed 6/03/2018 10:36:21AM
Sample ID 2018-001-6642
Status Endorsed
GuidelineType ECOLI
Collection Type AWQC Collected

Bacteriology	LOR	Result
<i>Sample temperature at time of receipt NA</i>		
E.Coli TM-028 WMZ-500(ADEL)		
# Comment		Background Organisms detected - not confirmed as coliforms
E.coli		0 cfu/100mL

Inorganic Chemistry - Metals	LOR	Result
<i>Sample temperature at time of receipt NA</i>		
Aluminium - Total TIC-006 W09-023(ADEL)		
Aluminium - Total	0.001	<0.001 mg/L
Antimony - Total TIC-006 W09-023(ADEL)		
Antimony - Total	0.0005	<0.0005 mg/L
Arsenic - Total TIC-006 W09-023(ADEL)		
Arsenic - Total	0.0003	<0.0003 mg/L
Barium - Total TIC-006 W09-023(ADEL)		
Barium - Total	0.0005	0.0874 mg/L
Beryllium - Total TIC-006 W09-023(ADEL)		
Beryllium - Total	0.0003	<0.0003 mg/L
Boron - Soluble TIC-006 W09-023(ADEL)		
Boron - Soluble	0.020	0.092 mg/L
Cadmium - Total TIC-006 W09-023(ADEL)		
Cadmium - Total	0.0001	<0.0001 mg/L
Calcium TIC-004 W09-023(ADEL)		
Calcium	0.1	24.9 mg/L
Chromium - Total TIC-006 W09-023(ADEL)		
Chromium - Total	0.0001	0.0002 mg/L
Cobalt - Total TIC-006 W09-023(ADEL)		



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Notes

1. The last figure of the result value is a significant figure.
2. # determination of the component is not covered by NATA Accreditation.
3. ^ Indicates result is out of specification according to the reference guideline. Refer to report footer.
4. * Indicates an Incident has been recorded against the sample. Refer to report footer.
5. & Indicates the results have changed since the last issued report.
6. The Limit of Reporting (LOR) is the lowest concentration of analyte which is reported at the AWQC and is based on the LOQ rounded up to a more readily used value. The Limit of Quantitation (LOQ) is the lowest concentration of analyte for which quantitative results may be obtained within a specified degree of confidence.
7. Where collection type is AWQC Collect, NATA has confirmed that due to a robust system in place for maintaining the temperature integrity for samples collected by AWQC's Field Laboratory Services, the recording of temperature when samples arrive at the AWQC is out of scope.
8. Where applicable Measurement of Uncertainty is available upon request.
9. If pH has been tested then the pH will be outside of its holding time unless measured in the field.
10. (ADEL) Indicates analysed in Adelaide, (MELB) Indicates analysed in Melbourne.

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Collection Type	AWQC Collected

Cobalt - Total TIC-006 W09-023(ADEL)		
Cobalt - Total	0.0001	0.0002 mg/L
Copper - Total TIC-006 W09-023(ADEL)		
Copper - Total	0.0001	0.0141 mg/L
Iron - Total TIC-006 W09-023(ADEL)		
Iron - Total	0.0005	0.0685 mg/L
Lead - Total TIC-006 W09-023(ADEL)		
Lead - Total	0.0001	0.0005 mg/L
Lithium - Total TIC-006 W09-023(ADEL)		
Lithium - Total	0.0003	0.0331 mg/L
Magnesium TIC-004 W09-023(ADEL)		
Magnesium	0.05	27.0 mg/L
Manganese - Total TIC-006 W09-023(ADEL)		
Manganese - Total	0.0001	0.0089 mg/L
Mercury - Total TIC-006 W09-023(ADEL)		
Mercury - Total	0.00003	<0.00003 mg/L
Molybdenum - Total TIC-006 W09-023(ADEL)		
Molybdenum - Total	0.0001	0.0005 mg/L
Nickel - Total TIC-006 W09-023(ADEL)		
Nickel - Total	0.0001	<0.0001 mg/L
Potassium TIC-004 W09-023(ADEL)		
Potassium	0.05	8.43 mg/L
Selenium - Total TIC-006 W09-023(ADEL)		
Selenium - Total	0.0001	0.0001 mg/L
Silver - Total TIC-006 W09-023(ADEL)		
Silver - Total	0.00003	<0.00003 mg/L
Sodium TIC-004 W09-023(ADEL)		
Sodium	0.1	199 mg/L
Strontium - Total TIC-006 W09-023(ADEL)		
Strontium - Total	0.0001	0.1466 mg/L
Sulphur TIC-004 W09-023(ADEL)		
Sulphate	1.5	36.0 mg/L
Thallium - Total TIC-006 W09-023(ADEL)		
Thallium - Total	0.0001	<0.0001 mg/L
Tin - Total TIC-006 W09-023(ADEL)		
Tin - Total	0.0005	<0.0005 mg/L



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Titanium - Total TIC-006 W09-023(ADEL)		
Titanium - Total	0.0003	<0.0003 mg/L
Total Hardness as CaCO3 W09-023(ADEL)		
Total Hardness as CaCO3	2.0	173 mg/L
Uranium - Total TIC-006 W09-023(ADEL)		
Uranium - Total	0.0001	0.0002 mg/L
Vanadium - Total TIC-006 W09-023(ADEL)		
Vanadium - Total	0.0001	0.0003 mg/L
Zinc - Total TIC-006 W09-023(ADEL)		
Zinc - Total	0.0003	0.0102 mg/L

Inorganic Chemistry - Nutrients	LOR	Result
<i>Sample temperature at time of receipt NA</i>		
Fluoride T0105-01 W09-023(ADEL)		
Fluoride	0.10	0.86 mg/L
Nitrate + Nitrite as N T0161-01 W09-023(ADEL)		
Nitrate + Nitrite as N	0.003	0.550 mg/L

Inorganic Chemistry - Physical	LOR	Result
<i>Sample temperature at time of receipt NA</i>		
Conductivity & Total Dissolved Solids T0016-01 W09-023(ADEL)		
Conductivity	1	1340 µScm
Total Dissolved Solids (by EC)	1.0	740 mg/L
pH T0010-01 W09-023(ADEL)		
pH		7.7 pH units



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AWQC Signatories

- ██████████ - Supervisor Bacteriology
- ██████████ - Technical Officer Chemistry
- ██████████ - Technical Officer Chemistry
- ██████████ - Technical Officer Chemistry



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Guidelines

ECOLI	Ecoli	Minimum Value	Maximum Value	Units
Guideline Version:2				
Health1				
110960, 110961, 110963, 110964, 120464, 120465, 120466, 120468, 120469, 122450	E.coli	-	0	cfu/100mL
122436, 122437	E.coli/F Coliforms - Presumptive	-	0	cfu/100mL
Primary Contact				
110965, 110967, 110968, 110970, 110972, 120470, 120471, 120472, 120475, 120476	E.coli	-	150	MPN/100mL
110969, 110971, 110973, 110974, 120473, 120474	Faecal coliforms	-	150	cfu/100mL

Analytical Method

Analytical Method Code	Description	Reference Method
T0010-01	Determination of pH	AP4500HB
T0016-01	Determination of Conductivity - Corrected to 25C	AP2510B
T0105-01	Fluoride by ISE	AP4500FC
T0161-01	Nitrate + Nitrate (NOx) - Automated Flow Colorimetry	AP4500NO3I
TIC-004	Determination of Metals - ICP Spectrometry by ICP2	AP3120
TIC-006	Elemental Analysis By ICP- MS	EPA200.8
TM-028	E-Coli by the inhouse method	USEPA1604_1H
W-052	Preparation of Samples for Metal Analysis	AP3030AD
W-052	Preparation of Samples for Metal Analysis	AP3500

Sampling Method

Sampling Method Code	Description
W09-023	Sampling Method for Chemical Analyses
WMZ-500	Sampling Method for Microbiological Analyses
When samples are taken by customers, samples are analysed as received.	

Laboratory Information

Laboratory	NATA accreditation ID
Inorganic Chemistry - Physical	1115
Inorganic Chemistry - Nutrients	1115
Bacteriology	1115
Inorganic Chemistry - Metals	1115



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