



Barossa Infrastructure Ltd
ATTN: Simon Schutz
PO Box 665
TANUNDA
SA 5352 AUSTRALIA

13/05/2022

Dear Simon

Please find attached the Final Analytical Report for

Customer Service Request: 122622-2021-CSR-1
Account: 122622
Project: AWQC-170247 Barossa Infrastructure Ltd - Routine 21/22

This report has also been sent to: Neville Skipworth

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

Yours sincerely,

Jason Cutler
Customer Service Officer
Jason.Cutler@sawater.com.au





FINAL REPORT: 338221

This report shall not be reproduced, except in full without the written permission of the laboratory.

Report Information

Project Name AWQC-170247
Customer Barossa Infrastructure Ltd
CSR_ID 122622-2021-CSR-1

Analytical Results

Sampling Point 84513-Barossa Infrastructure Ltd - Fromms Square Williamstown
Sampled Date 13/04/2022 9:37:18AM
Sample Received Date 13/04/2022 9:37:18AM
Sample Analysis Completed 11/05/2022 4:47:58PM
Sample ID *2022-002-7147
Status Endorsed
Collection Type AWQC Collected

Bacteriology	LOR	Result	Test Start Date
Sample temperature at time of receipt NA			
E.coli & Thermotolerant Coliforms T0081-01 WMZ-500(ADEL)			13/04/2022
E.coli		0 cfu/100mL	
Thermotolerant Coliforms		0 cfu/100mL	

Inorganic Chemistry - Metals	LOR	Result	Test Start Date
Sample temperature at time of receipt NA			
Arsenic - Total TIC-006 W09-023(ADEL)			19/04/2022
Arsenic - Total	0.0003	0.0014 mg/L	
Boron - Soluble TIC-006 W09-023(ADEL)			19/04/2022
Boron - Soluble	0.020	<0.020 mg/L	
Cadmium - Total TIC-006 W09-023(ADEL)			19/04/2022
Cadmium - Total	0.0001	<0.0001 mg/L	
Calcium TIC-004 W09-023(ADEL)			
Calcium	0.1	15.3 mg/L	
Chromium - Total TIC-006 W09-023(ADEL)			19/04/2022
Chromium - Total	0.0001	0.0015 mg/L	
Iron - Total TIC-006 W09-023(ADEL)			19/04/2022
Iron - Total	0.0005	1.002 mg/L	
Lead - Total TIC-006 W09-023(ADEL)			19/04/2022
Lead - Total	0.0001	0.0008 mg/L	
Magnesium TIC-004 W09-023(ADEL)			
Magnesium	0.05	8.36 mg/L	
Manganese - Total TIC-006 W09-023(ADEL)			19/04/2022



Corporate Accreditation
No.1115 Chemical and
Biological Testing
Accredited for compliance
with ISO/IEC 17025 -
Testing



FINAL REPORT: 338221

This report shall not be reproduced, except in full without the written permission of the laboratory.

Analytical Results

Sampling Point	84513-Barossa Infrastructure Ltd - Fromms Square Williamstown		
Sampled Date	13/04/2022 9:37:18AM		
Sample Received Date	13/04/2022 9:37:18AM		
Sample Analysis Completed	11/05/2022 4:47:58PM		
Sample ID	*2022-002-7147		
Status	Endorsed		
Collection Type	AWQC Collected		

Manganese - Total TIC-006 W09-023(ADEL)			19/04/2022
Manganese - Total	0.0001	0.0121 mg/L	
Potassium TIC-004 W09-023(ADEL)			
Potassium	0.05	5.78 mg/L	
Sodium Adsorption Ratio TMZ-M06 W09-023(ADEL)			13/04/2022
Sodium Adsorption Ratio - Calculation		1.55	
Sodium TIC-004 W09-023(ADEL)			
Sodium	0.1	30.3 mg/L	
Sulphur TIC-004 W09-023(ADEL)			
Sulphate	1.5	9.0 mg/L	
Sulphur	0.5	3.0 mg/L	
Total Hardness as CaCO3 TMZ-M06 W09-023(ADEL)			13/04/2022
Total Hardness as CaCO3	2.0	73 mg/L	
Zinc - Total TIC-006 W09-023(ADEL)			19/04/2022
Zinc - Total	0.0003	0.0072 mg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
<i>Sample temperature at time of receipt NA</i>			
Chloride T0104-02 W09-023(ADEL)			14/04/2022
Chloride	4.0	39 mg/L	
Nitrate + Nitrite as N T0161-01 W09-023(ADEL)			05/05/2022
Nitrate + Nitrite as N	0.003	<0.003 mg/L	
Nitrogen - Total TMZ-M06 W09-023(ADEL)			13/04/2022
Nitrogen - Total		0.93 mg/L	
Phosphorus - Total T0109-01 W09-023(ADEL)			28/04/2022
Phosphorus - Total	0.005	0.161 mg/L	
TKN as N T0112-01 W09-023(ADEL)			28/04/2022
TKN as Nitrogen	0.05	0.93 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
--------------------------------	-----	--------	-----------------



Corporate Accreditation
No.1115 Chemical and
Biological Testing
Accredited for compliance
with ISO/IEC 17025 -
Testing



FINAL REPORT: 338221

This report shall not be reproduced, except in full without the written permission of the laboratory.

Analytical Results

Sampling Point	84513-Barossa Infrastructure Ltd - Fromms Square Williamstown
Sampled Date	13/04/2022 9:37:18AM
Sample Received Date	13/04/2022 9:37:18AM
Sample Analysis Completed	11/05/2022 4:47:58PM
Sample ID	*2022-002-7147
Status	Endorsed
Collection Type	AWQC Collected

Sample temperature at time of receipt NA

Conductivity & Total Dissolved Solids T0016-01 W09-023(ADEL) 22/04/2022

Conductivity	2	309 µS/cm
Note		Conductivity measurement is corrected to 25°C
Total Dissolved Solids (by EC)	1	171 mg/L

pH T0010-01 W09-023(ADEL)

pH		7.7 pH units
Temperature at which pH is measured		22.6 °C

Turbidity T0018-01 W09-023(ADEL) 21/04/2022

Turbidity	0.1	6.4 NTU
-----------	-----	---------

Sampling	LOR	Result	Test Start Date
----------	-----	--------	-----------------

Sample temperature at time of receipt NA

Chlorine T0012-01 W09-023(ADEL) 13/04/2022

Chlorine - Free	0.1	<0.1 mg/L
Chlorine - Total	0.1	<0.1 mg/L
Monochloramine	0.1	<0.1 mg/L

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
-----------------------------------	-----	--------	-----------------

Sample temperature at time of receipt NA

Biochemical Oxygen Demand - Total T0153-01 W09-023(ADEL) 13/04/2022

Biochemical Oxygen Demand	2	8 mg/L
---------------------------	---	--------

Suspended Solids T0160-01 W09-023(ADEL) 14/04/2022

Suspended Solids	1.0	9 mg/L
------------------	-----	--------

