



DEW - Department of Environment and Water
ATTN: Patrick Betham
24-26 Tikalara street
Regency Park
SA 5010 AUSTRALIA

07/09/2020

Dear Patrick

Please find attached the Final Analytical Report for

Customer Service Request: 143419-2020-CSR-2
Account: 143419
Project: AWQC-148131 DEW - Healthy Coorong Healthy Basin Phase 1 - Adhoc
AWQC Morella sampling - 19/20

This report has also been sent to: Frank Mangeruca Peter Metten

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

Yours sincerely,

Darren Seebohm
Customer Services Officer
Darren.Seebohm@sawater.com.au
+61 8 7424 2150



FINAL REPORT: 290918

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Report Information

Project Name	AWQC-148131
Customer	DEW - Department of Environment and Water
CSR_ID	143419-2020-CSR-2

Analytical Results

Sampling Point	31518-EPA - 12 South Salt Creek
Sampled Date	23/06/2020 8:45:00AM
Sample Received Date	24/06/2020 10:51:22AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1790
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
<i>Sample temperature at time of receipt 3.2°C</i>			
Chlorophyll a & Phaeophytin a T0380-02(ADEL)			24/06/2020
Chlorophyll a	0.1	25.0 µg/L	
Phaeophytin a	0.1	6.21 µg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
<i>Sample temperature at time of receipt 3.2°C</i>			
Ammonia as N (ADEL)			06/07/2020
# Ammonia as N	1	7 µg/L	
Chloride T0104-02(ADEL)			25/06/2020
Chloride	4.0	33600 mg/L	
Nitrate + Nitrite as N (ADEL)			06/07/2020
# Nitrate + Nitrite as N	0.5	4.5 µg/L	
# Nitrate + Nitrite as NO3	2.3	19.9 µg/L	
# Nitrate as Nitrogen		1.27 µg/L	
Nitrite as N (ADEL)			06/07/2020
# Nitrite as N	0.5	3.2 µg/L	
Nitrogen - Total TMZ-M06(ADEL)			30/06/2020
Nitrogen - Total		3.33 mg/L	
Phosphorus - Filterable Reactive as P (ADEL)			06/07/2020
# Phosphorus -Filterable Reactive as PO4	1.5	42.757 µg/L	
Phosphorus-Filterable Reactive as P	0.5	14.3 µg/L	
Phosphorus - Total T0109-44(ADEL)			25/06/2020
Phosphorus - Total	0.005	0.103 mg/L	
Silica - Reactive T0111-01(ADEL)			25/06/2020
Silica - Reactive	0.05	3.77 mg/L	
TKN as N T0112-01(ADEL)			25/06/2020
TKN as Nitrogen	0.05	3.33 mg/L	



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Analytical Results

Sampling Point	31518-EPA - 12 South Salt Creek
Sampled Date	23/06/2020 8:45:00AM
Sample Received Date	24/06/2020 10:51:22AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1790
Status	Endorsed
Collection Type	Customer Collected

Organic Chemistry	LOR	Result	Test Start Date
<i>Sample temperature at time of receipt 3.2°C</i>			
Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	21.1 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	23.6 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
<i>Sample temperature at time of receipt 3.2°C</i>			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		254 mg/L	
Bicarbonate		309 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.1 pH units	
Temperature at which pH is measured		22.5 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	4.9 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
<i>Sample temperature at time of receipt 3.2°C</i>			
Suspended Solids T0160-01(ADEL)			01/07/2020
Suspended Solids	1.0	56 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	69900 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			01/07/2020
Fixed Solids	1	46 mg/L	
Volatile Suspended Solids	1	10 mg/L	



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Analytical Results

Sampling Point	31511-EPA - 3.2km South Salt Creek
Sampled Date	23/06/2020 9:15:00AM
Sample Received Date	24/06/2020 10:51:10AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1791
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Chlorophyll a & Phaeophytin a T0380-02(ADEL)			24/06/2020
Chlorophyll a	0.1	17.2 µg/L	
Phaeophytin a	0.1	2.55 µg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Ammonia as N (ADEL)			06/07/2020
# Ammonia as N	1	10 µg/L	
Chloride T0104-02(ADEL)			25/06/2020
Chloride	4.0	51200 mg/L	
Nitrate + Nitrite as N (ADEL)			06/07/2020
# Nitrate + Nitrite as N	0.5	2.5 µg/L	
# Nitrate + Nitrite as NO ₃	2.3	11.1 µg/L	
# Nitrate as Nitrogen		0.807 µg/L	
Nitrite as N (ADEL)			06/07/2020
# Nitrite as N	0.5	1.7 µg/L	
Nitrogen - Total TMZ-M06(ADEL)			30/06/2020
Nitrogen - Total		4.02 mg/L	
Phosphorus - Filterable Reactive as P (ADEL)			06/07/2020
# Phosphorus -Filterable Reactive as PO ₄	1.5	7.774 µg/L	
Phosphorus-Filterable Reactive as P	0.5	2.6 µg/L	
Phosphorus - Total T0109-44(ADEL)			25/06/2020
Phosphorus - Total	0.005	0.160 mg/L	
Silica - Reactive T0111-01(ADEL)			25/06/2020
Silica - Reactive	0.05	0.49 mg/L	
TKN as N T0112-01(ADEL)			25/06/2020
TKN as Nitrogen	0.05	4.02 mg/L	

Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	31511-EPA - 3.2km South Salt Creek
Sampled Date	23/06/2020 9:15:00AM
Sample Received Date	24/06/2020 10:51:10AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1791
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	23.5 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	26.4 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		185 mg/L	
Bicarbonate		225 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		7.9 pH units	
Temperature at which pH is measured		22.5 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	5.4 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Suspended Solids T0160-01(ADEL)			01/07/2020
Suspended Solids	1.0	25 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	98100 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			01/07/2020
Fixed Solids	1	15 mg/L	
Volatile Suspended Solids	1	10 mg/L	



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Analytical Results

Sampling Point	315191-EPA - Morella Creek @ guage
Sampled Date	23/06/2020 9:30:00AM
Sample Received Date	24/06/2020 10:38:00AM
Sample Analysis Completed	16/07/2020 2:18:07PM
Sample ID	*2020-004-1799
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Chlorophyll a & Phaeophytin a T0380-02(ADEL)			24/06/2020
Chlorophyll a	0.1	8.15 µg/L	
Phaeophytin a	0.1	4.99 µg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Ammonia as N (ADEL)			06/07/2020
# Ammonia as N	1	18 µg/L	
Chloride T0104-02(ADEL)			25/06/2020
Chloride	4.0	5270 mg/L	
Nitrate + Nitrite as N (ADEL)			06/07/2020
# Nitrate + Nitrite as N	0.5	9.1 µg/L	
# Nitrate + Nitrite as NO ₃	2.3	40.3 µg/L	
# Nitrate as Nitrogen		5.46 µg/L	
Nitrite as N (ADEL)			06/07/2020
# Nitrite as N	0.5	3.6 µg/L	
Nitrogen - Total TMZ-M06(ADEL)			30/06/2020
Nitrogen - Total		1.37 mg/L	
Phosphorus - Filterable Reactive as P (ADEL)			14/07/2020
# Phosphorus -Filterable Reactive as PO ₄	1.5	52.325 µg/L	
Phosphorus-Filterable Reactive as P	0.5	17.5 µg/L	
Phosphorus - Total T0109-44(ADEL)			25/06/2020
Phosphorus - Total	0.005	0.023 mg/L	
Silica - Reactive T0111-01(ADEL)			25/06/2020
Silica - Reactive	0.05	11.5 mg/L	
TKN as N T0112-01(ADEL)			25/06/2020
TKN as Nitrogen	0.05	1.36 mg/L	

Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	315191-EPA - Morella Creek @ guage
Sampled Date	23/06/2020 9:30:00AM
Sample Received Date	24/06/2020 10:38:00AM
Sample Analysis Completed	16/07/2020 2:18:07PM
Sample ID	*2020-004-1799
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	15.5 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	16.2 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		349 mg/L	
Bicarbonate		374 mg/L	
Carbonate		26 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.6 pH units	
Temperature at which pH is measured		22.3 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	2.2 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Suspended Solids T0160-01(ADEL)			06/07/2020
Suspended Solids	1.0	2 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	11200 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			06/07/2020
Fixed Solids	1	<1 mg/L	
Volatile Suspended Solids	1	2 mg/L	



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Analytical Results

Sampling Point	300711-Tilley Swamp Drain U/S Morella
Sampled Date	23/06/2020 9:45:00AM
Sample Received Date	24/06/2020 10:37:29AM
Sample Analysis Completed	16/07/2020 2:18:07PM
Sample ID	*2020-004-1801
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C

Chlorophyll a & Phaeophytin a T0380-02(ADEL) 24/06/2020

Chlorophyll a	0.1	0.99 µg/L
Phaeophytin a	0.1	0.30 µg/L

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C

Ammonia as N (ADEL) 06/07/2020

# Ammonia as N	1	17 µg/L
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Chloride T0104-02(ADEL) 25/06/2020

Chloride	4.0	2580 mg/L
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Nitrate + Nitrite as N (ADEL) 06/07/2020

# Nitrate + Nitrite as N	0.5	5.7 µg/L
# Nitrate + Nitrite as NO ₃	2.3	25.3 µg/L
# Nitrate as Nitrogen		4.77 µg/L

Nitrite as N (ADEL) 06/07/2020

# Nitrite as N	0.5	0.9 µg/L
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Nitrogen - Total TMZ-M06(ADEL) 30/06/2020

Nitrogen - Total		0.53 mg/L
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Phosphorus - Filterable Reactive as P (ADEL) 14/07/2020

# Phosphorus -Filterable Reactive as PO ₄	1.5	41.561 µg/L
Phosphorus-Filterable Reactive as P	0.5	13.9 µg/L

Phosphorus - Total T0109-44(ADEL) 25/06/2020

Phosphorus - Total	0.005	0.007 mg/L
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Silica - Reactive T0111-01(ADEL) 25/06/2020

Silica - Reactive	0.05	10.5 mg/L
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TKN as N T0112-01(ADEL) 25/06/2020

TKN as Nitrogen	0.05	0.52 mg/L
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Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	300711-Tilley Swamp Drain U/S Morella
Sampled Date	23/06/2020 9:45:00AM
Sample Received Date	24/06/2020 10:37:29AM
Sample Analysis Completed	16/07/2020 2:18:07PM
Sample ID	*2020-004-1801
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	5.5 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	5.6 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		393 mg/L	
Bicarbonate		480 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.3 pH units	
Temperature at which pH is measured		22.4 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	1.4 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Suspended Solids T0160-01(ADEL)			01/07/2020
Suspended Solids	1.0	1 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	5680 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			01/07/2020
Fixed Solids	1	<1 mg/L	
Volatile Suspended Solids	1	1 mg/L	



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Analytical Results

Sampling Point	300713-Tilley Swamp Drain D/S Northern Outlet
Sampled Date	23/06/2020 10:00:00AM
Sample Received Date	24/06/2020 10:37:46AM
Sample Analysis Completed	16/07/2020 2:18:07PM
Sample ID	*2020-004-1800
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Chlorophyll a & Phaeophytin a T0380-02(ADEL)			24/06/2020
Chlorophyll a	0.1	1.42 µg/L	
Phaeophytin a	0.1	0.40 µg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Ammonia as N (ADEL)			06/07/2020
# Ammonia as N	1	109 µg/L	
Chloride T0104-02(ADEL)			25/06/2020
Chloride	4.0	2960 mg/L	
Nitrate + Nitrite as N (ADEL)			06/07/2020
# Nitrate + Nitrite as N	0.5	9.0 µg/L	
# Nitrate + Nitrite as NO ₃	2.3	39.9 µg/L	
# Nitrate as Nitrogen		7.62 µg/L	
Nitrite as N (ADEL)			06/07/2020
# Nitrite as N	0.5	1.4 µg/L	
Nitrogen - Total TMZ-M06(ADEL)			30/06/2020
Nitrogen - Total		0.47 mg/L	
Phosphorus - Filterable Reactive as P (ADEL)			14/07/2020
# Phosphorus -Filterable Reactive as PO ₄	1.5	51.129 µg/L	
Phosphorus-Filterable Reactive as P	0.5	17.1 µg/L	
Phosphorus - Total T0109-44(ADEL)			25/06/2020
Phosphorus - Total	0.005	0.006 mg/L	
Silica - Reactive T0111-01(ADEL)			25/06/2020
Silica - Reactive	0.05	11.3 mg/L	
TKN as N T0112-01(ADEL)			25/06/2020
TKN as Nitrogen	0.05	0.46 mg/L	

Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	300713-Tilley Swamp Drain D/S Northern Outlet
Sampled Date	23/06/2020 10:00:00AM
Sample Received Date	24/06/2020 10:37:46AM
Sample Analysis Completed	16/07/2020 2:18:07PM
Sample ID	*2020-004-1800
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	5.6 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	5.7 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		404 mg/L	
Bicarbonate		493 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.2 pH units	
Temperature at which pH is measured		22.4 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	2.4 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Suspended Solids T0160-01(ADEL)			01/07/2020
Suspended Solids	1.0	10 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	5500 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			01/07/2020
Fixed Solids	1	7 mg/L	
Volatile Suspended Solids	1	3 mg/L	



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Analytical Results

Sampling Point	31513-EPA - Parnka Point Boat Ramp
Sampled Date	23/06/2020 12:25:00PM
Sample Received Date	24/06/2020 10:45:38AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1795
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Chlorophyll a & Phaeophytin a T0380-02(ADEL)			24/06/2020
Chlorophyll a	0.1	16.8 µg/L	
Phaeophytin a	0.1	5.10 µg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Ammonia as N (ADEL)			06/07/2020
# Ammonia as N	1	8 µg/L	
Chloride T0104-02(ADEL)			25/06/2020
Chloride	4.0	41800 mg/L	
Nitrate + Nitrite as N (ADEL)			06/07/2020
# Nitrate + Nitrite as N	0.5	8.4 µg/L	
# Nitrate + Nitrite as NO ₃	2.3	37.2 µg/L	
# Nitrate as Nitrogen		6.46 µg/L	
Nitrite as N (ADEL)			06/07/2020
# Nitrite as N	0.5	1.9 µg/L	
Nitrogen - Total TMZ-M06(ADEL)			30/06/2020
Nitrogen - Total		3.00 mg/L	
Phosphorus - Filterable Reactive as P (ADEL)			06/07/2020
# Phosphorus -Filterable Reactive as PO ₄	1.5	10.764 µg/L	
Phosphorus-Filterable Reactive as P	0.5	3.6 µg/L	
Phosphorus - Total T0109-44(ADEL)			25/06/2020
Phosphorus - Total	0.005	0.085 mg/L	
Silica - Reactive T0111-01(ADEL)			25/06/2020
Silica - Reactive	0.05	0.31 mg/L	
TKN as N T0112-01(ADEL)			25/06/2020
TKN as Nitrogen	0.05	2.99 mg/L	

Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	31513-EPA - Parnka Point Boat Ramp
Sampled Date	23/06/2020 12:25:00PM
Sample Received Date	24/06/2020 10:45:38AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1795
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	18.1 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	21.1 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		193 mg/L	
Bicarbonate		235 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.1 pH units	
Temperature at which pH is measured		22.5 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	9.1 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Suspended Solids T0160-01(ADEL)			01/07/2020
Suspended Solids	1.0	12 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	79500 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			01/07/2020
Fixed Solids	1	<1 mg/L	
Volatile Suspended Solids	1	12 mg/L	



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Analytical Results

Sampling Point	31512-EPA - McGrath Flat North
Sampled Date	23/06/2020 12:40:00PM
Sample Received Date	24/06/2020 10:41:22AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1797
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Chlorophyll a & Phaeophytin a T0380-02(ADEL)			24/06/2020
Chlorophyll a	0.1	10.3 µg/L	
Phaeophytin a	0.1	5.27 µg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Ammonia as N (ADEL)			06/07/2020
# Ammonia as N	1	46 µg/L	
Chloride T0104-02(ADEL)			25/06/2020
Chloride	4.0	33900 mg/L	
Nitrate + Nitrite as N (ADEL)			06/07/2020
# Nitrate + Nitrite as N	0.5	4.7 µg/L	
# Nitrate + Nitrite as NO ₃	2.3	20.8 µg/L	
# Nitrate as Nitrogen		2.43 µg/L	
Nitrite as N (ADEL)			06/07/2020
# Nitrite as N	0.5	2.3 µg/L	
Nitrogen - Total TMZ-M06(ADEL)			30/06/2020
Nitrogen - Total		2.34 mg/L	
Phosphorus - Filterable Reactive as P (ADEL)			06/07/2020
# Phosphorus -Filterable Reactive as PO ₄	1.5	10.465 µg/L	
Phosphorus-Filterable Reactive as P	0.5	3.5 µg/L	
Phosphorus - Total T0109-44(ADEL)			25/06/2020
Phosphorus - Total	0.005	0.121 mg/L	
Silica - Reactive T0111-01(ADEL)			25/06/2020
Silica - Reactive	0.05	0.23 mg/L	
TKN as N T0112-01(ADEL)			25/06/2020
TKN as Nitrogen	0.05	2.34 mg/L	

Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	31512-EPA - McGrath Flat North
Sampled Date	23/06/2020 12:40:00PM
Sample Received Date	24/06/2020 10:41:22AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1797
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	13.7 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	16.8 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
<i>Sample temperature at time of receipt 3.2°C</i>			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		182 mg/L	
Bicarbonate		222 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.1 pH units	
Temperature at which pH is measured		22.4 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	14 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
<i>Sample temperature at time of receipt 3.2°C</i>			
Suspended Solids T0160-01(ADEL)			01/07/2020
Suspended Solids	1.0	27 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	61600 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			01/07/2020
Fixed Solids	1	15 mg/L	
Volatile Suspended Solids	1	12 mg/L	



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Analytical Results

Sampling Point	31525-EPA - Villa de Yumpa
Sampled Date	23/06/2020 1:10:00PM
Sample Received Date	24/06/2020 10:51:51AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1786
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Chlorophyll a & Phaeophytin a T0380-02(ADEL)			24/06/2020
Chlorophyll a	0.1	19.9 µg/L	
Phaeophytin a	0.1	6.26 µg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Ammonia as N (ADEL)			06/07/2020
# Ammonia as N	1	80 µg/L	
Chloride T0104-02(ADEL)			25/06/2020
Chloride	4.0	43500 mg/L	
Nitrate + Nitrite as N (ADEL)			06/07/2020
# Nitrate + Nitrite as N	0.5	11.7 µg/L	
# Nitrate + Nitrite as NO ₃	2.3	51.8 µg/L	
# Nitrate as Nitrogen		9.36 µg/L	
Nitrite as N (ADEL)			06/07/2020
# Nitrite as N	0.5	2.3 µg/L	
Nitrogen - Total TMZ-M06(ADEL)			30/06/2020
Nitrogen - Total		3.39 mg/L	
Phosphorus - Filterable Reactive as P (ADEL)			06/07/2020
# Phosphorus -Filterable Reactive as PO ₄	1.5	20.93 µg/L	
Phosphorus-Filterable Reactive as P	0.5	7.0 µg/L	
Phosphorus - Total T0109-44(ADEL)			25/06/2020
Phosphorus - Total	0.005	0.110 mg/L	
Silica - Reactive T0111-01(ADEL)			25/06/2020
Silica - Reactive	0.05	0.31 mg/L	
TKN as N T0112-01(ADEL)			25/06/2020
TKN as Nitrogen	0.05	3.38 mg/L	

Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	31525-EPA - Villa de Yumpa
Sampled Date	23/06/2020 1:10:00PM
Sample Received Date	24/06/2020 10:51:51AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1786
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	19.5 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	23.1 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		201 mg/L	
Bicarbonate		245 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.2 pH units	
Temperature at which pH is measured		22.5 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	8.0 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Suspended Solids T0160-01(ADEL)			01/07/2020
Suspended Solids	1.0	25 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	85600 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			01/07/2020
Fixed Solids	1	12 mg/L	
Volatile Suspended Solids	1	13 mg/L	



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Analytical Results

Sampling Point	31514-EPA - Stoney Well
Sampled Date	23/06/2020 1:30:00PM
Sample Received Date	24/06/2020 10:41:40AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1796
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Chlorophyll a & Phaeophytin a T0380-02(ADEL)			24/06/2020
Chlorophyll a	0.1	23.1 µg/L	
Phaeophytin a	0.1	6.62 µg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Ammonia as N (ADEL)			06/07/2020
# Ammonia as N	1	8 µg/L	
Chloride T0104-02(ADEL)			25/06/2020
Chloride	4.0	44300 mg/L	
Nitrate + Nitrite as N (ADEL)			06/07/2020
# Nitrate + Nitrite as N	0.5	5.6 µg/L	
# Nitrate + Nitrite as NO ₃	2.3	24.8 µg/L	
# Nitrate as Nitrogen		2.98 µg/L	
Nitrite as N (ADEL)			06/07/2020
# Nitrite as N	0.5	2.6 µg/L	
Nitrogen - Total TMZ-M06(ADEL)			30/06/2020
Nitrogen - Total		3.58 mg/L	
Phosphorus - Filterable Reactive as P (ADEL)			06/07/2020
# Phosphorus -Filterable Reactive as PO ₄	1.5	17.641 µg/L	
Phosphorus-Filterable Reactive as P	0.5	5.9 µg/L	
Phosphorus - Total T0109-44(ADEL)			25/06/2020
Phosphorus - Total	0.005	0.150 mg/L	
Silica - Reactive T0111-01(ADEL)			25/06/2020
Silica - Reactive	0.05	0.40 mg/L	
TKN as N T0112-01(ADEL)			25/06/2020
TKN as Nitrogen	0.05	3.57 mg/L	

Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	31514-EPA - Stoney Well
Sampled Date	23/06/2020 1:30:00PM
Sample Received Date	24/06/2020 10:41:40AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1796
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	19.8 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	22.8 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		203 mg/L	
Bicarbonate		248 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.1 pH units	
Temperature at which pH is measured		22.4 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	7.4 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Suspended Solids T0160-01(ADEL)			01/07/2020
Suspended Solids	1.0	16 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	86800 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			01/07/2020
Fixed Solids	1	3 mg/L	
Volatile Suspended Solids	1	13 mg/L	



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Analytical Results

Sampling Point	31523-EPA - Long Point
Sampled Date	23/06/2020 1:35:00PM
Sample Received Date	24/06/2020 10:37:14AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1788
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Chlorophyll a & Phaeophytin a T0380-02(ADEL)			24/06/2020
Chlorophyll a	0.1	2.36 µg/L	
Phaeophytin a	0.1	1.92 µg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Ammonia as N (ADEL)			06/07/2020
# Ammonia as N	1	32 µg/L	
Chloride T0104-02(ADEL)			25/06/2020
Chloride	4.0	16900 mg/L	
Nitrate + Nitrite as N (ADEL)			06/07/2020
# Nitrate + Nitrite as N	0.5	102 µg/L	
# Nitrate + Nitrite as NO ₃	2.3	452 µg/L	
# Nitrate as Nitrogen		92.4 µg/L	
Nitrite as N (ADEL)			06/07/2020
# Nitrite as N	0.5	9.6 µg/L	
Nitrogen - Total TMZ-M06(ADEL)			30/06/2020
Nitrogen - Total		1.01 mg/L	
Phosphorus - Filterable Reactive as P (ADEL)			06/07/2020
# Phosphorus -Filterable Reactive as PO ₄	1.5	22.126 µg/L	
Phosphorus-Filterable Reactive as P	0.5	7.4 µg/L	
Phosphorus - Total T0109-44(ADEL)			25/06/2020
Phosphorus - Total	0.005	0.055 mg/L	
Silica - Reactive T0111-01(ADEL)			25/06/2020
Silica - Reactive	0.05	1.26 mg/L	
TKN as N T0112-01(ADEL)			25/06/2020
TKN as Nitrogen	0.05	0.91 mg/L	

Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	31523-EPA - Long Point
Sampled Date	23/06/2020 1:35:00PM
Sample Received Date	24/06/2020 10:37:14AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1788
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	6.9 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	7.8 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		134 mg/L	
Bicarbonate		164 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.0 pH units	
Temperature at which pH is measured		22.5 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	4.7 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Suspended Solids T0160-01(ADEL)			01/07/2020
Suspended Solids	1.0	8 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	30700 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			01/07/2020
Fixed Solids	1	5 mg/L	
Volatile Suspended Solids	1	3 mg/L	



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Analytical Results

Sampling Point	31526-EPA - Nth Jack Point
Sampled Date	23/06/2020 2:00:00PM
Sample Received Date	24/06/2020 10:51:37AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1789
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Chlorophyll a & Phaeophytin a T0380-02(ADEL)			24/06/2020
Chlorophyll a	0.1	25.0 µg/L	
Phaeophytin a	0.1	6.70 µg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Ammonia as N (ADEL)			06/07/2020
# Ammonia as N	1	27 µg/L	
Chloride T0104-02(ADEL)			25/06/2020
Chloride	4.0	45600 mg/L	
Nitrate + Nitrite as N (ADEL)			06/07/2020
# Nitrate + Nitrite as N	0.5	4.9 µg/L	
# Nitrate + Nitrite as NO ₃	2.3	21.7 µg/L	
# Nitrate as Nitrogen		1.59 µg/L	
Nitrite as N (ADEL)			06/07/2020
# Nitrite as N	0.5	3.3 µg/L	
Nitrogen - Total TMZ-M06(ADEL)			30/06/2020
Nitrogen - Total		3.42 mg/L	
Phosphorus - Filterable Reactive as P (ADEL)			06/07/2020
# Phosphorus -Filterable Reactive as PO ₄	1.5	18.239 µg/L	
Phosphorus-Filterable Reactive as P	0.5	6.1 µg/L	
Phosphorus - Total T0109-44(ADEL)			25/06/2020
Phosphorus - Total	0.005	0.117 mg/L	
Silica - Reactive T0111-01(ADEL)			25/06/2020
Silica - Reactive	0.05	0.73 mg/L	
TKN as N T0112-01(ADEL)			25/06/2020
TKN as Nitrogen	0.05	3.42 mg/L	

Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	31526-EPA - Nth Jack Point
Sampled Date	23/06/2020 2:00:00PM
Sample Received Date	24/06/2020 10:51:37AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1789
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	20.4 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	23.4 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		201 mg/L	
Bicarbonate		245 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.1 pH units	
Temperature at which pH is measured		22.7 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	6.7 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Suspended Solids T0160-01(ADEL)			01/07/2020
Suspended Solids	1.0	14 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	88600 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			01/07/2020
Fixed Solids	1	1 mg/L	
Volatile Suspended Solids	1	13 mg/L	



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Analytical Results

Sampling Point	31516-EPA - Seagull Island
Sampled Date	23/06/2020 2:20:00PM
Sample Received Date	24/06/2020 10:46:05AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1793
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Chlorophyll a & Phaeophytin a T0380-02(ADEL)			24/06/2020
Chlorophyll a	0.1	37.8 µg/L	
Phaeophytin a	0.1	7.74 µg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Ammonia as N (ADEL)			06/07/2020
# Ammonia as N	1	11 µg/L	
Chloride T0104-02(ADEL)			25/06/2020
Chloride	4.0	47600 mg/L	
Nitrate + Nitrite as N (ADEL)			06/07/2020
# Nitrate + Nitrite as N	0.5	3.6 µg/L	
# Nitrate + Nitrite as NO ₃	2.3	15.9 µg/L	
# Nitrate as Nitrogen		1.02 µg/L	
Nitrite as N (ADEL)			06/07/2020
# Nitrite as N	0.5	2.6 µg/L	
Nitrogen - Total TMZ-M06(ADEL)			30/06/2020
Nitrogen - Total		4.30 mg/L	
Phosphorus - Filterable Reactive as P (ADEL)			06/07/2020
# Phosphorus -Filterable Reactive as PO ₄	1.5	20.332 µg/L	
Phosphorus-Filterable Reactive as P	0.5	6.8 µg/L	
Phosphorus - Total T0109-44(ADEL)			25/06/2020
Phosphorus - Total	0.005	0.181 mg/L	
Silica - Reactive T0111-01(ADEL)			25/06/2020
Silica - Reactive	0.05	1.43 mg/L	
TKN as N T0112-01(ADEL)			25/06/2020
TKN as Nitrogen	0.05	4.30 mg/L	

Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	31516-EPA - Seagull Island
Sampled Date	23/06/2020 2:20:00PM
Sample Received Date	24/06/2020 10:46:05AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1793
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	22.6 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	26.5 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		204 mg/L	
Bicarbonate		249 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.0 pH units	
Temperature at which pH is measured		22.4 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	6.7 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Suspended Solids T0160-01(ADEL)			01/07/2020
Suspended Solids	1.0	18 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	96600 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			01/07/2020
Fixed Solids	1	3 mg/L	
Volatile Suspended Solids	1	15 mg/L	



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Analytical Results

Sampling Point	31515-EPA - Snipe Point
Sampled Date	23/06/2020 2:45:00PM
Sample Received Date	24/06/2020 10:41:07AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1792
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Chlorophyll a & Phaeophytin a T0380-02(ADEL)			24/06/2020
Chlorophyll a	0.1	37.6 µg/L	
Phaeophytin a	0.1	17.8 µg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Ammonia as N (ADEL)			06/07/2020
# Ammonia as N	1	10 µg/L	
Chloride T0104-02(ADEL)			25/06/2020
Chloride	4.0	48400 mg/L	
Nitrate + Nitrite as N (ADEL)			06/07/2020
# Nitrate + Nitrite as N	0.5	3.1 µg/L	
# Nitrate + Nitrite as NO ₃	2.3	13.7 µg/L	
# Nitrate as Nitrogen		1.24 µg/L	
Nitrite as N (ADEL)			06/07/2020
# Nitrite as N	0.5	1.9 µg/L	
Nitrogen - Total TMZ-M06(ADEL)			30/06/2020
Nitrogen - Total		4.52 mg/L	
Phosphorus - Filterable Reactive as P (ADEL)			06/07/2020
# Phosphorus -Filterable Reactive as PO ₄	1.5	20.93 µg/L	
Phosphorus-Filterable Reactive as P	0.5	7.0 µg/L	
Phosphorus - Total T0109-44(ADEL)			25/06/2020
Phosphorus - Total	0.005	0.163 mg/L	
Silica - Reactive T0111-01(ADEL)			25/06/2020
Silica - Reactive	0.05	1.56 mg/L	
TKN as N T0112-01(ADEL)			25/06/2020
TKN as Nitrogen	0.05	4.52 mg/L	

Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	31515-EPA - Snipe Point
Sampled Date	23/06/2020 2:45:00PM
Sample Received Date	24/06/2020 10:41:07AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1792
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	22.5 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	27.7 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		204 mg/L	
Bicarbonate		249 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.0 pH units	
Temperature at which pH is measured		22.6 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	6.9 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Suspended Solids T0160-01(ADEL)			01/07/2020
Suspended Solids	1.0	23 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	96900 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			01/07/2020
Fixed Solids	1	4 mg/L	
Volatile Suspended Solids	1	19 mg/L	



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Analytical Results

Sampling Point	31517-EPA - 1.8km West Salt Creek
Sampled Date	23/06/2020 3:00:00PM
Sample Received Date	24/06/2020 10:45:51AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1794
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Chlorophyll a & Phaeophytin a T0380-02(ADEL)			24/06/2020
Chlorophyll a	0.1	40.8 µg/L	
Phaeophytin a	0.1	13.3 µg/L	

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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<i>Sample temperature at time of receipt 3.2°C</i>			
Ammonia as N (ADEL)			06/07/2020
# Ammonia as N	1	23 µg/L	
Chloride T0104-02(ADEL)			25/06/2020
Chloride	4.0	42800 mg/L	
Nitrate + Nitrite as N (ADEL)			06/07/2020
# Nitrate + Nitrite as N	0.5	4.5 µg/L	
# Nitrate + Nitrite as NO ₃	2.3	19.9 µg/L	
# Nitrate as Nitrogen		2.46 µg/L	
Nitrite as N (ADEL)			06/07/2020
# Nitrite as N	0.5	2.0 µg/L	
Nitrogen - Total TMZ-M06(ADEL)			30/06/2020
Nitrogen - Total		4.60 mg/L	
Phosphorus - Filterable Reactive as P (ADEL)			06/07/2020
# Phosphorus -Filterable Reactive as PO ₄	1.5	27.807 µg/L	
Phosphorus-Filterable Reactive as P	0.5	9.3 µg/L	
Phosphorus - Total T0109-44(ADEL)			25/06/2020
Phosphorus - Total	0.005	0.148 mg/L	
Silica - Reactive T0111-01(ADEL)			25/06/2020
Silica - Reactive	0.05	1.57 mg/L	
TKN as N T0112-01(ADEL)			25/06/2020
TKN as Nitrogen	0.05	4.60 mg/L	

Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	31517-EPA - 1.8km West Salt Creek
Sampled Date	23/06/2020 3:00:00PM
Sample Received Date	24/06/2020 10:45:51AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1794
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	22.8 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	27.8 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		205 mg/L	
Bicarbonate		250 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.0 pH units	
Temperature at which pH is measured		22.6 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	6.7 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Suspended Solids T0160-01(ADEL)			01/07/2020
Suspended Solids	1.0	22 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	98900 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			01/07/2020
Fixed Solids	1	7 mg/L	
Volatile Suspended Solids	1	15 mg/L	



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Analytical Results

Sampling Point	353180-EPA - Tauwitschere
Sampled Date	23/06/2020 5:15:00PM
Sample Received Date	24/06/2020 10:36:59AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1787
Status	Endorsed
Collection Type	Customer Collected

Biology Operations	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C

Chlorophyll a & Phaeophytin a T0380-02(ADEL) 24/06/2020

Chlorophyll a	0.1	24.1 µg/L
Phaeophytin a	0.1	8.69 µg/L

Inorganic Chemistry - Nutrients	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C

Ammonia as N (ADEL) 06/07/2020

# Ammonia as N	1	4 µg/L
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Chloride T0104-02(ADEL) 25/06/2020

Chloride	4.0	2520 mg/L
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Nitrate + Nitrite as N (ADEL) 06/07/2020

# Nitrate + Nitrite as N	0.5	21.1 µg/L
# Nitrate + Nitrite as NO ₃	2.3	93.5 µg/L
# Nitrate as Nitrogen		18.4 µg/L

Nitrite as N (ADEL) 06/07/2020

# Nitrite as N	0.5	2.7 µg/L
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Nitrogen - Total TMZ-M06(ADEL) 30/06/2020

Nitrogen - Total		1.75 mg/L
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Phosphorus - Filterable Reactive as P (ADEL) 06/07/2020

# Phosphorus -Filterable Reactive as PO ₄	1.5	11.661 µg/L
Phosphorus-Filterable Reactive as P	0.5	3.9 µg/L

Phosphorus - Total T0109-44(ADEL) 25/06/2020

Phosphorus - Total	0.005	0.130 mg/L
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Silica - Reactive T0111-01(ADEL) 25/06/2020

Silica - Reactive	0.05	0.36 mg/L
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TKN as N T0112-01(ADEL) 25/06/2020

TKN as Nitrogen	0.05	1.73 mg/L
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Organic Chemistry	LOR	Result	Test Start Date
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Sample temperature at time of receipt 3.2°C



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Analytical Results

Sampling Point	353180-EPA - Tauwitschere
Sampled Date	23/06/2020 5:15:00PM
Sample Received Date	24/06/2020 10:36:59AM
Sample Analysis Completed	8/07/2020 3:43:15PM
Sample ID	*2020-004-1787
Status	Endorsed
Collection Type	Customer Collected

Dissolved Organic Carbon T0158-07(ADEL)			02/07/2020
Dissolved Organic Carbon	1	7.3 mg/L	
Total Organic Carbon T0158-07(ADEL)			02/07/2020
Total Organic Carbon	1	19.2 mg/L	

Inorganic Chemistry - Physical	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Alkalinity Carbonate Bicarbonate and Hydroxide T0101-01(ADEL)			25/06/2020
Alkalinity as Calcium Carbonate		108 mg/L	
Bicarbonate		131 mg/L	
Carbonate		0 mg/L	
Hydroxide		0 mg/L	
pH T0010-01(ADEL)			25/06/2020
pH		8.0 pH units	
Temperature at which pH is measured		22.3 °C	
Turbidity T0018-01(ADEL)			24/06/2020
Turbidity	0.1	31 NTU	

Inorganic Chemistry - Waste Water	LOR	Result	Test Start Date
Sample temperature at time of receipt 3.2°C			
Suspended Solids T0160-01(ADEL)			06/07/2020
Suspended Solids	1.0	49 mg/L	
Total Dissolved Solids by Evaporation T015-05(ADEL)			26/06/2020
Total Dissolved Solids (by evaporation)	1	4960 mg/L	
Volatile Suspended Solids T0160-01(ADEL)			06/07/2020
Fixed Solids	1	24 mg/L	
Volatile Suspended Solids	1	25 mg/L	



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AWQC Signatories

Dzung Bui - Supervisor Metals and Physical

Ivana Cech - Technical Officer Chemistry

Thuy Diep - Technical Officer Chemistry

Ben Drew - Laboratory Technician

David Evans - Customer Service Officer

Kerrie Jooste - Manager Chemistry Services

Dean Newman - Algal Specialist

Melissa Phillips - Technical Officer Chemistry

Gayle Polley - Snr Technical Officer

Kamilla Springer - Senior Technical Officer



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Incidents

Sample ID	S.Point	Description	Sampled Date	Analysis (where Applicable)	Incident Description
2020-004-1786	31525	EPA - Villa de Yumpa	23/06/2020	pH	Test not processed within holding time
2020-004-1786	31525	EPA - Villa de Yumpa	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1786	31525	EPA - Villa de Yumpa	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1786	31525	EPA - Villa de Yumpa	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1786	31525	EPA - Villa de Yumpa	23/06/2020	Nitrite as N	Test not processed within holding time
2020-004-1787	353180	EPA - Tauwichee	23/06/2020	pH	Test not processed within holding time
2020-004-1787	353180	EPA - Tauwichee	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1787	353180	EPA - Tauwichee	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1787	353180	EPA - Tauwichee	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1787	353180	EPA - Tauwichee	23/06/2020	Nitrite as N	Test not processed within holding time
2020-004-1788	31523	EPA - Long Point	23/06/2020	pH	Test not processed within holding time
2020-004-1788	31523	EPA - Long Point	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1788	31523	EPA - Long Point	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1788	31523	EPA - Long Point	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1788	31523	EPA - Long Point	23/06/2020	Nitrite as N	Test not processed within holding time
2020-004-1789	31526	EPA - Nth Jack Point	23/06/2020	pH	Test not processed within holding time
2020-004-1789	31526	EPA - Nth Jack Point	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1789	31526	EPA - Nth Jack Point	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1789	31526	EPA - Nth Jack Point	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1789	31526	EPA - Nth Jack Point	23/06/2020	Nitrite as N	Test not processed within holding time
2020-004-1790	31518	EPA - 12 South Salt Creek	23/06/2020	pH	Test not processed within holding time
2020-004-1790	31518	EPA - 12 South Salt Creek	23/06/2020	Silica - Reactive	Test not processed within holding time



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Incidents

Sample ID	S.Point	Description	Sampled Date	Analysis (where Applicable)	Incident Description
2020-004-1790	31518	EPA - 12 South Salt Creek	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1790	31518	EPA - 12 South Salt Creek	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1790	31518	EPA - 12 South Salt Creek	23/06/2020	Nitrite as N	Test not processed within holding time
2020-004-1791	31511	EPA - 3.2km South Salt Creek	23/06/2020	pH	Test not processed within holding time
2020-004-1791	31511	EPA - 3.2km South Salt Creek	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1791	31511	EPA - 3.2km South Salt Creek	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1791	31511	EPA - 3.2km South Salt Creek	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1791	31511	EPA - 3.2km South Salt Creek	23/06/2020	Nitrite as N	Test not processed within holding time
2020-004-1792	31515	EPA - Snipe Point	23/06/2020	pH	Test not processed within holding time
2020-004-1792	31515	EPA - Snipe Point	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1792	31515	EPA - Snipe Point	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1792	31515	EPA - Snipe Point	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1792	31515	EPA - Snipe Point	23/06/2020	Nitrite as N	Test not processed within holding time
2020-004-1793	31516	EPA - Seagull Island	23/06/2020	pH	Test not processed within holding time
2020-004-1793	31516	EPA - Seagull Island	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1793	31516	EPA - Seagull Island	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1793	31516	EPA - Seagull Island	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1793	31516	EPA - Seagull Island	23/06/2020	Nitrite as N	Test not processed within holding time
2020-004-1794	31517	EPA - 1.8km West Salt Creek	23/06/2020	pH	Test not processed within holding time
2020-004-1794	31517	EPA - 1.8km West Salt Creek	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1794	31517	EPA - 1.8km West Salt Creek	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1794	31517	EPA - 1.8km West Salt Creek	23/06/2020	Volatile Suspended Solids	Test not processed within holding time



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Incidents

Sample ID	S.Point	Description	Sampled Date	Analysis (where Applicable)	Incident Description
2020-004-1794	31517	EPA - 1.8km West Salt Creek	23/06/2020	Nitrite as N	Test not processed within holding time
2020-004-1795	31513	EPA - Parnka Point Boat Ramp	23/06/2020	pH	Test not processed within holding time
2020-004-1795	31513	EPA - Parnka Point Boat Ramp	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1795	31513	EPA - Parnka Point Boat Ramp	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1795	31513	EPA - Parnka Point Boat Ramp	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1795	31513	EPA - Parnka Point Boat Ramp	23/06/2020	Nitrite as N	Test not processed within holding time
2020-004-1796	31514	EPA - Stoney Well	23/06/2020	pH	Test not processed within holding time
2020-004-1796	31514	EPA - Stoney Well	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1796	31514	EPA - Stoney Well	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1796	31514	EPA - Stoney Well	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1796	31514	EPA - Stoney Well	23/06/2020	Nitrite as N	Test not processed within holding time
2020-004-1797	31512	EPA - McGrath Flat North	23/06/2020	pH	Test not processed within holding time
2020-004-1797	31512	EPA - McGrath Flat North	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1797	31512	EPA - McGrath Flat North	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1797	31512	EPA - McGrath Flat North	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1797	31512	EPA - McGrath Flat North	23/06/2020	Nitrite as N	Test not processed within holding time
2020-004-1799	315191	EPA - Morella Creek @ guage	23/06/2020	pH	Test not processed within holding time
2020-004-1799	315191	EPA - Morella Creek @ guage	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1799	315191	EPA - Morella Creek @ guage	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1799	315191	EPA - Morella Creek @ guage	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1799	315191	EPA - Morella Creek @ guage	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1799	315191	EPA - Morella Creek @ guage	23/06/2020	Nitrite as N	Test not processed within holding time



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Incidents

Sample ID	S.Point	Description	Sampled Date	Analysis (where Applicable)	Incident Description
2020-004-1800	300713	Tilley Swamp Drain D/S Northern Outlet	23/06/2020	pH	Test not processed within holding time
2020-004-1800	300713	Tilley Swamp Drain D/S Northern Outlet	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1800	300713	Tilley Swamp Drain D/S Northern Outlet	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1800	300713	Tilley Swamp Drain D/S Northern Outlet	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1800	300713	Tilley Swamp Drain D/S Northern Outlet	23/06/2020	Nitrite as N	Test not processed within holding time
2020-004-1801	300711	Tilley Swamp Drain U/S Morella	23/06/2020	pH	Test not processed within holding time
2020-004-1801	300711	Tilley Swamp Drain U/S Morella	23/06/2020	Silica - Reactive	Test not processed within holding time
2020-004-1801	300711	Tilley Swamp Drain U/S Morella	23/06/2020	Suspended Solids	Test not processed within holding time
2020-004-1801	300711	Tilley Swamp Drain U/S Morella	23/06/2020	Volatile Suspended Solids	Test not processed within holding time
2020-004-1801	300711	Tilley Swamp Drain U/S Morella	23/06/2020	Nitrite as N	Test not processed within holding time

Samples Not Collected

Sample ID	S.Point	Description	Sampled Date	Non Collect Reason
2020-004-1798	31519	EPA - Morella Basin at Outlet Regulator	22/06/2020	Dry
2020-004-1802	300712	Tilley Swamp Watercourse Outlet Channel	22/06/2020	Dry



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Bottles Not Collected

Sample ID	S.Point	Description	Sampled Date	Laboratory	Non Collect Reason
2020-004-1798-0	31519	EPA - Morella Basin at Outlet Regulator	22/06/2020	Inorganic Chemistry - Nutrients	Bottle not received at AWQC
2020-004-1798-0	31519	EPA - Morella Basin at Outlet Regulator	22/06/2020	Biology Operations	Bottle not received at AWQC
2020-004-1798-0	31519	EPA - Morella Basin at Outlet Regulator	22/06/2020	Inorganic Chemistry - Physical	Bottle not received at AWQC
2020-004-1798-0	31519	EPA - Morella Basin at Outlet Regulator	22/06/2020	Inorganic Chemistry - Nutrients	Bottle not received at AWQC
2020-004-1798-0	31519	EPA - Morella Basin at Outlet Regulator	22/06/2020	Inorganic Chemistry - Waste Water	Bottle not received at AWQC
2020-004-1798-0	31519	EPA - Morella Basin at Outlet Regulator	22/06/2020	Organic Chemistry	Bottle not received at AWQC
2020-004-1798-0	31519	EPA - Morella Basin at Outlet Regulator	22/06/2020	Inorganic Chemistry - Waste Water	Bottle not received at AWQC
2020-004-1798-0	31519	EPA - Morella Basin at Outlet Regulator	22/06/2020	Inorganic Chemistry - Nutrients	Bottle not received at AWQC
2020-004-1798-0	31519	EPA - Morella Basin at Outlet Regulator	22/06/2020	Inorganic Chemistry - Nutrients	Bottle not received at AWQC
2020-004-1802-0	300712	Tilley Swamp Watercourse Outlet Channel	22/06/2020	Inorganic Chemistry - Nutrients	Insufficient volume provided
2020-004-1802-0	300712	Tilley Swamp Watercourse Outlet Channel	22/06/2020	Biology Operations	Insufficient volume provided
2020-004-1802-0	300712	Tilley Swamp Watercourse Outlet Channel	22/06/2020	Inorganic Chemistry - Physical	Insufficient volume provided
2020-004-1802-0	300712	Tilley Swamp Watercourse Outlet Channel	22/06/2020	Inorganic Chemistry - Nutrients	Insufficient volume provided
2020-004-1802-0	300712	Tilley Swamp Watercourse Outlet Channel	22/06/2020	Inorganic Chemistry - Waste Water	Insufficient volume provided
2020-004-1802-0	300712	Tilley Swamp Watercourse Outlet Channel	22/06/2020	Organic Chemistry	Insufficient volume provided
2020-004-1802-0	300712	Tilley Swamp Watercourse Outlet Channel	22/06/2020	Inorganic Chemistry - Waste Water	Insufficient volume provided
2020-004-1802-0	300712	Tilley Swamp Watercourse Outlet Channel	22/06/2020	Inorganic Chemistry - Nutrients	Insufficient volume provided
2020-004-1802-0	300712	Tilley Swamp Watercourse Outlet Channel	22/06/2020	Inorganic Chemistry - Nutrients	Insufficient volume provided



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Analytical Method

Analytical Method Code	Description	Reference Method
T0111-01	Silica by automated flow colorimetry	AP4500SI02
T0101-01	Alkalinity - Automated Acidimetric Titration	AP2320B
T0109-44	Phosphorous -total Kjeldahl for seawater by automated flow colorimetry	AP4500PF
T0112-01	Nitrogen- Total Kjeldahl by discrete analyser	AP4500NORGA
T015-05	Total Dissolved Solids by Evaporation	AP2540C
T0104-02	Chloride - Discrete Analyser	AP4500CLE
T0158-07	Total and Dissolved Organic Carbon (OI Analytical)	SM5310C
T0160-01	Suspended Solids 103C to 105C	AP2540DE
T0160-01	Suspended Solids 103C to 105C	AP4500
T0380-02	Chlorophyll a & b and phaeophytin	ISO10260
T0010-01	Determination of pH	AP4500HB
T0018-01	Turbidity - Nephelometric Measurement	APAWWA-WEF
TMZ-M06	Derived Results and Data Checks	AP4500NORGA

Laboratory Information

Laboratory	NATA accreditation ID
Inorganic Chemistry - Nutrients	1115
Organic Chemistry	1115
Biology Operations	1115
Inorganic Chemistry - Waste Water	1115
Inorganic Chemistry - Physical	1115



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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 the [Measurement of Uncertainty](https://www.awqc.com.au/our-services/analytical-services/measurement-uncertainty) is available at <https://www.awqc.com.au/our-services/analytical-services/measurement-uncertainty>.
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.