

LABORATORY REPORT

Client: Ollie Narbey
Miscellaneous External Client

Job Name: Fish Creek Monitoring

Sample Date: 13/07/2017
Sampled By: SAS Laboratory
Sampling Method: Grab
Sample Matrix: Aqueous
Batch Number: 17/06925
Registration Date: 13 July 2017
Date of Report: 24 July 2017

Rebecca de Graaf John Bratt Bruce Weatherill
Authorised Signatory Authorised Signatory Authorised Signatory

PLEASE NOTE:

1. The results refer only to the samples tested.
2. All sampling performed by SAS Laboratory is in accordance with In-house Method F.001.
3. This document shall not be reproduced except in full, without written approval from SAS Laboratory.
4. Method with * indicates NATA accreditation does not cover the performance of this service.



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Batch Number: 17/06925
 Report Date: 24/07/17

Method	Test	Units	17/06925/1 Upstream	17/06925/2 Above Stormwater Culvert	17/06925/3 Below Stormwater Culvert	17/06925/4 Downstream
F.002	pH - Field	pH Unit	7.84	7.62	7.78	7.53
1.007	Conductivity - Field	uS/cm	1,400	1,320	1,280	1,300
1.004	Dissolved O2 - Field	mg/L	8.1	8.3	9.1	9.0
F.004	Dissolved O2 - Field	%	76.2	79.9	90.9	89.8
F.005*	Temperature - Field	°C	13.0	13.9	15.5	15.2
F.014*	Redox Potential	mV	-72	-59	-67	-82
5.101	Turbidity - Field	NTU	3.1	2.6	3.2	2.9
4.411	Enterococci	cfu/100mL	70	310	450	420
1.601	Suspended Solids	mg/L	<5	<5	<5	<5
1.012	Total Alkalinity as CaCO ₃	mg/L	222	209	231	238
FIA.008	Ammonia N	mg/L	0.008	0.011	0.011	0.006
FIA.010B	Nitrite+Nitrate as N	mg/L	0.069	0.10	0.50	0.48
FIA.010A	Nitrite N	mg/L	<0.002	0.002	<0.002	<0.002
FIA.010C	Nitrate N (Calc)	mg/L	0.069	0.099	0.50	0.48
FIA.013	Total Kjeldahl Nitrogen as N Calculated	mg/L	0.21	0.21	0.24	0.19
FIA.013	Total Nitrogen as N	mg/L	0.28	0.31	0.73	0.67
FIA.011A	Ortho Phosphorus as P	mg/L	0.031	0.034	0.031	0.032
FIA.011B	Total Phosphorus as P	mg/L	0.037	0.038	0.038	0.032
5.304	Arsenic as As	mg/L	<0.007	0.011	<0.007	<0.007
5.304	Cadmium as Cd	mg/L	<0.001	<0.001	<0.001	<0.001
5.304	Chromium as Cr	mg/L	<0.001	<0.001	<0.001	<0.001
5.304	Copper as Cu	mg/L	<0.005	<0.005	<0.005	<0.005
5.304	Nickel as Ni	mg/L	<0.002	<0.002	<0.002	<0.002
5.304	Lead as Pb	mg/L	<0.004	<0.004	<0.004	<0.004
5.304	Zinc as Zn	mg/L	<0.005	0.006	0.007	0.007
5.303	Mercury as Hg	µg/L	<0.1	<0.1	<0.1	<0.1

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[ND] - Not Detected [NR] - Not Required [NT] - Not Tested

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Fish Creek Site Photos

Sampled 13/07/2017

Upstream



Above Stormwater Culvert



Below Stormwater Culvert



Downstream

