

LABORATORY REPORT

Client: Ollie Narbey
Miscellaneous External Client

Job Name: Fish Creek Monitoring

Sample Date: 7/09/2017
Sampled By: SAS Laboratory
Sampling Method: Grab
Sample Matrix: Aqueous
Batch Number: 17/08439
Registration Date: 7 September 2017
Date of Report: 21 September 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.



Client: Miscellaneous External Client
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Batch Number: 17/08439
Report Date: 21/09/17

Method	Test	Units	17/08439/1 Upstream	17/08439/2 Above Stormwater Culvert	17/08439/3 Below Stormwater Culvert	17/08439/4 Downstream
F.002	pH - Field	pHUnit	7.29	7.45	7.52	7.10
1.007	Conductivity - Field	uS/cm	2,140	1,530	1,370	1,460
1.004	Dissolved O2 - Field	mg/L	<1.0	3.6	4.1	2.5
F.004	Dissolved O2 - Field	%	3.4	36.2	41.4	25.1
F.005*	Temperature - Field	°C	13.5	14.9	15.5	15.3
F.014*	Redox Potential	mV	-82	79	98	-6.7
5.101	Turbidity - Field	NTU	2.9	1.0	0.4	1.0
4.411	Enterococci	cfu/100mL	1,100	310	140	1,200
1.601	Suspended Solids	mg/L	12	8	6	8
1.012	Total Alkalinity as CaCO ₃	mg/L	285	243	264	282
FIA.008	Ammonia N	mg/L	0.010	0.009	<0.004	0.009
FIA.010B	Nitrite+Nitrate as N	mg/L	0.006	0.063	0.51	0.27
FIA.010A	Nitrite N	mg/L	0.003	0.002	0.007	0.005
FIA.010C	Nitrate N (Calc)	mg/L	<0.02	0.061	0.50	0.27
FIA.013	Total Kjeldahl Nitrogen as N Calculated	mg/L	0.72	0.35	0.27	0.32
FIA.013	Total Nitrogen as N	mg/L	0.73	0.41	0.78	0.60
FIA.011A	Ortho Phosphorus as P	mg/L	0.095	0.058	0.031	0.027
FIA.011B	Total Phosphorus as P	mg/L	0.26	0.070	0.038	0.044
5.304	Arsenic as As	mg/L	<0.05	<0.05	<0.05	<0.05
5.304	Cadmium as Cd	mg/L	<0.005	<0.005	<0.005	<0.005
5.304	Chromium as Cr	mg/L	<0.005	<0.005	<0.005	<0.005
5.304	Copper as Cu	mg/L	<0.005	<0.005	<0.005	<0.005
5.304	Nickel as Ni	mg/L	<0.005	<0.005	<0.005	<0.005
5.304	Lead as Pb	mg/L	<0.05	<0.05	<0.05	<0.05
5.304	Zinc as Zn	mg/L	<0.005	<0.005	<0.005	<0.005
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 07/09/2017

Upstream



Above Stormwater Culvert



Below Stormwater Culvert



Downstream

