

**LABORATORY REPORT**

**Client:** Ollie Narbey  
Miscellaneous External Client

**Job Name:** Fish Creek Monitoring

**Sample Date:** 2/12/2016  
**Sampled By:** SAS Laboratory  
**Sampling Method:** Grab  
**Sample Matrix:** Aqueous  
**Batch Number:** 16/12038  
**Registration Date:** 2 December 2016  
**Date of Report:** 16 December 2016

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.
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Method	Test	Units	16/12038/1 Upstream	16/12038/2 Above Stormwater Culvert	16/12038/3 Below Stormwater Culvert	16/12038/4 Downstream
F.002	pH - Field	pH Unit	7.22	7.40	7.79	7.36
1.007	Conductivity - Field	uS/cm	1,990	1,680	1,640	1,360
1.004	Dissolved O2 - Field	mg/L	1.6	2.2	8.4	7.5
F.004	Dissolved O2 - Field	%	19.5	26.6	104.9	94.1
F.005*	Temperature - Field	°C	25.2	23.5	26.0	26.7
F.014*	Redox Potential	mV	-110	-99	15	-26
5.101	Turbidity - Field	NTU	3.3	0.1	0.2	1.4
4.411	Enterococci	cfu/100mL	570	200	660	170
1.601	Suspended Solids	mg/L	<5	<5	110	<5
1.012	Total Alkalinity as CaCO <sub>3</sub>	mg/L	194	205	217	238
FIA.008	Ammonia N	mg/L	0.008	<0.004	0.028	0.009
FIA.010B	Nitrite+Nitrate as N	mg/L	0.019	0.064	0.62	0.15
FIA.010A	Nitrite N	mg/L	0.005	0.004	0.011	0.005
FIA.010C	Nitrate N (Calc)	mg/L	<0.02	0.059	0.60	0.14
FIA.013	Total Kjeldahl Nitrogen as N Calculated	mg/L	0.58	0.54	0.50	0.38
FIA.013	Total Nitrogen as N	mg/L	0.60	0.61	1.1	0.53
FIA.011A	Ortho Phosphorus as P	mg/L	0.044	0.060	0.036	0.033
FIA.011B	Total Phosphorus as P	mg/L	0.088	0.088	0.051	0.055
5.304	Arsenic as As	mg/L	0.044	0.038	0.013	0.017
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	0.006	0.007	0.006
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	<0.005	<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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