

LABORATORY REPORT

Client: Ollie Narbey
Miscellaneous External Client

Job Name: Fish Creek Monitoring

Sample Date: 10/08/2017
Sampled By: SAS Laboratory
Sampling Method: Grab
Sample Matrix: Aqueous
Batch Number: 17/07516
Registration Date: 10 August 2017
Date of Report: 29 August 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.



ACCREDITED FOR
**TECHNICAL
COMPETENCE**
Accredited for compliance
with ISO/IEC 17025 - Testing

Client: Miscellaneous External Client
Job Name: Fish Creek Monitoring

Batch Number: 17/07516
Report Date: 29/08/17

Method	Test	Units	17/07516/1 Upstream	17/07516/2 Above Stormwater Culvert	17/07516/3 Below Stormwater Culvert	17/07516/4 Downstream
F.002	pH - Field	pH Unit	7.25	7.18	7.59	7.30
1.007	Conductivity - Field	uS/cm	1,690	1,320	1,280	1,320
1.004	Dissolved O2 - Field	mg/L	5.2	5.6	7.5	8.0
F.004	Dissolved O2 - Field	%	47.9	52.7	72.7	77.8
F.005*	Temperature - Field	°C	11.8	12.6	14.0	14.0
F.014*	Redox Potential	mV	160	140	150	160
5.101	Turbidity - Field	NTU	2.4	1.7	1.9	2.1
4.411	Enterococci	cfu/100mL	80	100	160	260
1.601	Suspended Solids	mg/L	<5	7	5	<5
1.012	Total Alkalinity as CaCO ₃	mg/L	207	188	249	261
FIA.008	Ammonia N	mg/L	<0.004	<0.004	<0.004	<0.004
FIA.010B	Nitrite+Nitrate as N	mg/L	0.013	<0.002	0.54	0.50
FIA.010A	Nitrite N	mg/L	<0.002	<0.002	<0.002	<0.002
FIA.010C	Nitrate N (Calc)	mg/L	<0.02	<0.02	0.54	0.50
FIA.013	Total Kjeldahl Nitrogen as N Calculated	mg/L	0.23	0.30	0.20	0.16
FIA.013	Total Nitrogen as N	mg/L	0.24	0.30	0.74	0.66
FIA.011A	Ortho Phosphorus as P	mg/L	0.037	0.042	0.027	0.031
FIA.011B	Total Phosphorus as P	mg/L	0.059	0.062	0.049	0.036
5.304	Arsenic as As	mg/L	c	<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	0.006	<0.005	<0.005
5.303	Mercury as Hg	µg/L	<0.1	<0.1	<0.1	<0.1

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
Job Name: Fish Creek Monitoring

Batch Number: 17/07516
Report Date: 29/08/17

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

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.

Fish Creek Site Photos

Sampled 10/08/2017

Upstream



Above Stormwater Culvert



Below Stormwater Culvert



Downstream

