

LABORATORY REPORT

Client: Ollie Narbey
Miscellaneous External Client

Job Name: Fish Creek Monitoring

Sample Date: 16/11/2017
Sampled By: SAS Laboratory
Sampling Method: Grab
Sample Matrix: Aqueous
Batch Number: 17/10311
Registration Date: 16 November 2017
Date of Report: 27 November 2017

Bruce Weatherill Sue Evans John Bratt
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: 17/10311
 Report Date: 27/11/17

| Method | Test | Units | 17/10311/1 Upstream | 17/10311/2 Above Stormwater Culvert | 17/10311/3 Below Stormwater Culvert | 17/10311/4 Downstream |
|----------|--|-----------|------------------------|--|--|--------------------------|
| F.002 | pH - Field | pH Unit | 7.43 | 7.50 | 7.48 | 7.20 |
| 1.007 | Conductivity - Field | uS/cm | 1,240 | 1,290 | 1,320 | 1,390 |
| 1.004 | Dissolved O2 - Field | mg/L | 2.5 | 2.5 | 3.6 | 2.5 |
| F.004 | Dissolved O2 - Field | % | 27.4 | 27.1 | 40.9 | 27.3 |
| F.005* | Temperature - Field | °C | 19.6 | 19.8 | 20.6 | 20.3 |
| F.014* | Redox Potential | mV | 140 | 210 | 150 | 75 |
| 5.101 | Turbidity - Field | NTU | 1.4 | 5.2 | 1.2 | 4.9 |
| 4.411 | Enterococci | cfu/100mL | 43 | 330 | 410 | 420 |
| 1.601 | Suspended Solids | mg/L | <5 | 9 | <5 | <5 |
| 1.012 | Total Alkalinity as CaCO ₃ | mg/L | 228 | 242 | 260 | 278 |
| FIA.008 | Ammonia N | mg/L | 0.033 | 0.052 | <0.004 | <0.004 |
| FIA.010B | Nitrite+Nitrate as N | mg/L | 0.071 | 0.073 | 0.28 | 0.17 |
| FIA.010A | Nitrite N | mg/L | 0.007 | 0.008 | 0.007 | 0.004 |
| FIA.010C | Nitrate N (Calc) | mg/L | 0.064 | 0.065 | 0.28 | 0.17 |
| FIA.013 | Total Kjeldahl Nitrogen as N Calculated | mg/L | 0.42 | 0.74 | 0.37 | 0.43 |
| FIA.013 | Total Nitrogen as N | mg/L | 0.49 | 0.81 | 0.66 | 0.60 |
| FIA.011A | Ortho Phosphorus as P | mg/L | 0.085 | 0.097 | 0.059 | 0.057 |
| FIA.011B | Total Phosphorus as P | mg/L | 0.10 | 0.16 | 0.075 | 0.089 |
| 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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