

Wastewater Treatment Plant / Te Ngae Road / Rotorua / 07 351 7611 / rdc.lab@rotorualc.nz / www.rotorualakescouncil.nz

**Client:** BOPRC Okareka  
**Address:** P.O Box 1435  
Rotorua  
**Contact:** Andy Woolhouse

**Date received:** 18/09/2018  
**Report Number:** 1809112A  
**Order Number:** 106017  
**Issue date:** 2/10/2018

## Analysis of Sample(s):

		1809112-01	1809112-02	1809112-03
		Lake Okareka Lake discharge	Lake Okareka Waitangi stream spring	Lake Tarawera Rangiuru Bay
Ammoniacal Nitrogen	mg/L	0.011	0.012	<0.010
Dissolved Oxygen	mg/L	10.3	9.7	10.5
Dissolved Reactive Phosphorus	mg/L	<0.010	<0.010	0.019
Electrical Conductivity	µs/cm	75.1	73.3	491
Escherichia coli	MPN/100 mL	3.1	1.0	38
pH		8.0	7.9	8.0
Total Coliforms	MPN/100 mL	41	43	96
Total Nitrogen	mg/L	0.17	0.18	0.21
Total Phosphorus	mg/L	0.016	0.018	0.026
Total Suspended Solids	mg/L	3.2	3.6	3.2

## Summary of Method(s):

Ammoniacal Nitrogen	NH4-N. APHA 4500-NH3 F (modified)
Dissolved Oxygen	APHA 4500-O G
Dissolved Reactive Phosphorus	0.45 µm filtered. APHA 4500-P G
Electrical Conductivity	APHA 2510B
Escherichia coli	Colilert-18. APHA 9223B
pH	APHA 4500-H+ B
Total Coliforms	Colilert-18. APHA 9223B
Total Nitrogen	APHA 4500-P J
Total Phosphorus	APHA 4500-P B 5 (modified), 4500-P E (modified)
Total Suspended Solids	APHA 2540D

## Analyst's Comments:

This report replaces report 1809112, issued 1/10/18. Sample description for 1809112-03 has been altered.

- Results apply to sample/s 'as delivered' to the laboratory.
- A summary of the test method/s used is available on request. All accredited methods reference APHA, 23rd Edition, 2017.
- Samples are held by the laboratory for one month (where appropriate) after reporting of results. After this time they will be discarded unless advised otherwise by the submitter.
- This report may not be reproduced except in full.

Approved by:



Karen Love **Environmental Laboratory Supervisor**