



Certificate of Analysis

Water Testing Hawkes Bay Ltd
 1105 Plunket Street, St Leonards
 Hastings 4120

Attention: Alastair McSporrان
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Lab Reference: 21-35552
 Submitted by:
 Date Received: 12/08/2021
 Testing Initiated: 12/08/2021
 Date Completed: 17/08/2021
 Order Number:
 Reference:

Sampling Site:

Report Comments

Samples were collected by yourselves (or your agent) and analysed as received at Analytica Laboratories. Samples were in acceptable condition unless otherwise noted on this report. Specific testing dates are available on request.

Please note insects observed in fraction 4. Please interpret the Total Suspended Solids result with caution.

Biochemical Oxygen Demand

Client Sample ID			21/15819-01 FKCUVWWTP - 10 Cape Grove	21/15819-02 FKCWWTP - 3 Cape Grove	21/15819-03 FKCWWTP - 12 Cape Grove	21/15819-04 FKC2WWTP - 4 Cape Grove	21/15819-05 FKCWWTP - 4 Circuit Lane
Date Sampled			11/08/2021	11/08/2021	11/08/2021	11/08/2021	11/08/2021
Analyte	Unit	Reporting Limit	21-35552-1	21-35552-2	21-35552-3	21-35552-4	21-35552-5
Total Biochemical Oxygen Demand	g/m ³	1	15.4	5.4	9.4	6.0	12.0

Biochemical Oxygen Demand

Client Sample ID			21/15819-06 FKC2WWTP - 8 Circuit Lane	21/15819-07 FKPWWTP - 5 Circuit Lane	21/15819-08 FKCARWWTP - 6 Circuit Lane	21/15819-09 FKC2WWTP - Haumoana HDC Toilet Block
Date Sampled			11/08/2021	11/08/2021	11/08/2021	11/08/2021
Analyte	Unit	Reporting Limit	21-35552-6	21-35552-7	21-35552-8	21-35552-9
Total Biochemical Oxygen Demand	g/m ³	1	5.7	23.1	17.9	17.2

Solids in Water

Client Sample ID			21/15819-01 FKCUVWWTP - 10 Cape Grove	21/15819-02 FKCWWTP - 3 Cape Grove	21/15819-03 FKCWWTP - 12 Cape Grove	21/15819-04 FKC2WWTP - 4 Cape Grove	21/15819-05 FKCWWTP - 4 Circuit Lane
Date Sampled			11/08/2021	11/08/2021	11/08/2021	11/08/2021	11/08/2021
Analyte	Unit	Reporting Limit	21-35552-1	21-35552-2	21-35552-3	21-35552-4	21-35552-5
Total Suspended Solids	g/m ³	3	137	8	38	4	7

Solids in Water

Client Sample ID			21/15819-06 FKC2WWTP - 8 Circuit Lane	21/15819-07 FKPWWTP - 5 Circuit Lane	21/15819-08 FKCARWWTP - 6 Circuit Lane	21/15819-09 FKC2WWTP - Haumoana HDC Toilet Block
Date Sampled			11/08/2021	11/08/2021	11/08/2021	11/08/2021
Analyte	Unit	Reporting Limit	21-35552-6	21-35552-7	21-35552-8	21-35552-9
Total Suspended Solids	g/m ³	3	<3	9	<3	14

Total Nitrogen by Persulfate Digestion (Subcontracted - Watercare)

Client Sample ID			21/15819-01 FKCUVWWTP - 10 Cape Grove	21/15819-02 FKCWWTP - 3 Cape Grove	21/15819-03 FKCWWTP - 12 Cape Grove	21/15819-04 FKC2WWTP - 4 Cape Grove	21/15819-05 FKCWWTP - 4 Circuit Lane
Date Sampled			11/08/2021	11/08/2021	11/08/2021	11/08/2021	11/08/2021
Analyte	Unit	Reporting Limit	21-35552-1	21-35552-2	21-35552-3	21-35552-4	21-35552-5
Total Nitrogen	g/m ³	0.01	44.0	65.0	22.0	62.0	50.0

Total Nitrogen by Persulfate Digestion (Subcontracted - Watercare)

Client Sample ID			21/15819-06 FKC2WWTP - 8 Circuit Lane	21/15819-07 FKPWWTP - 5 Circuit Lane	21/15819-08 FKCARWWTP - 6 Circuit Lane	21/15819-09 FKC2WWTP - Haumoana HDC Toilet Block
Date Sampled			11/08/2021	11/08/2021	11/08/2021	11/08/2021
Analyte	Unit	Reporting Limit	21-35552-6	21-35552-7	21-35552-8	21-35552-9
Total Nitrogen	g/m ³	0.01	75.0	78.0	65.0	170

Method Summary

- BOD** Dissolved oxygen measured using a dissolved oxygen electrode after a 5 day incubation period. (APHA 5210 B - Online edition).
- Total Suspended Solids** Measured gravimetrically following filtration through glass micro-fibre filters. (APHA 2540 D - Modified - Online edition).
- TN by Persulfate** Subcontracted to Watercare Laboratory Services - Persulfate digestion - 4500 P J APHA (online edition - modified) followed by flow injection analysis - 4500 NO₃ I.



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