

From: Emma Chibnall
Sent: 16 Apr 2021 10:58:05 +1200
To: MDC Water
Subject: FW: QCS/Pelorus reports (TN & Chla) attached
Attachments: my9551 TN & Chla.xls, na9553 TN & Chla.xls

From: Mike Crump [mailto:Mike.Crump@niwa.co.nz]
Sent: Wednesday, 14 April 2021 4:28 PM
To: Emma Chibnall
Cc: Mike Ede-5123
Subject: QCS/Pelorus reports (TN & Chla) attached

Hi Emma

The full reports for these samples will be out before this weekend.

Cheers

Mike

Mike Crump
Principal Technician - Water Quality
Group Manager - Water Quality Laboratory
+64-7-856-1739
National Institute of Water & Atmospheric Research Ltd (NIWA)
Gate 10 Silverdale Road Hillcrest Hamilton New Zealand
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NIWA HAMILTON WATER QUALITY LABORATORY

CLIENT : Mike Ede
Marlborough District Council
15 Seymour Street
Blenheim

LOT NUMBER : 2021000368
SF NUMBER : MY 9551
JOB NUMBER : HN21LAB/TEST

CHECKED : MC
APPROVED : MC
REPORT DATE : 14/04/2021

JOB : Pelorus Sound

<i>NIWA ID</i>	<i>Client ID</i>	<i>Date Collected</i>	<i>Date Received</i>	<i>TN mg/m3</i>	<i>Chla mg/m3</i>
MY1	20218773	17/03/2021	18/03/2021	348	10.1
MY2	20218774	17/03/2021	18/03/2021	279	2.1
MY3	20218775	17/03/2021	18/03/2021	153	1.0
MY4	20218776	17/03/2021	18/03/2021	184	1.1
MY5	20218777	17/03/2021	18/03/2021	173	0.9
MY6	20218778	17/03/2021	18/03/2021	151	1.0
MY7	20218779	17/03/2021	18/03/2021	196	0.9
MY8	20218780	17/03/2021	18/03/2021	155	1.0
MY9	20218781	17/03/2021	18/03/2021	206	1.4
MY10	20218782	17/03/2021	18/03/2021	151	1.4
MY11	20218783	17/03/2021	18/03/2021	171	0.6
MY12	20218784	17/03/2021	18/03/2021	154	0.8

A summary of methods used and detection limits is as follows.

Parameter	Description	Detection Limit	Method
Chlorophyll-a - Filter 1(Chla)	Acetone pigment extraction, spectrophotometric measurement.	0.01	A*10200H
Total Nitrogen(TN)	Persulphate digest, auto cadmium reduction, FIA	10	Lachat

**Samples are held at the laboratory for two months after reporting of results.
After this date they are discarded unless otherwise advised by the submitter.
These samples were analysed as received at the laboratory.**

CLIENT : Mike Ede
 Marlborough District Council
 15 Seymour Street
 Blenheim

 LOT NUMBER : 2021000371
 SF NUMBER : NA 9553
 JOB NUMBER : HN21LAB/TEST

 CHECKED : MC
 APPROVED : MC
 REPORT DATE : 14/04/2021

JOB : Queen Charlotte Sound

<i>NIWA ID</i>	<i>Client ID</i>	<i>Date Collected</i>	<i>Date Received</i>	<i>TN mg/m3</i>	<i>Chla mg/m3</i>
NA1	20218789	16/03/2021	17/03/2021	182	0.7
NA2	20218790	16/03/2021	17/03/2021	246	1.9
NA3	20218791	16/03/2021	17/03/2021	190	0.5
NA4	20218792	16/03/2021	17/03/2021	295	1.2
NA5	20218793	16/03/2021	17/03/2021	313	0.3
NA6	20218794	16/03/2021	17/03/2021	189	1.0
NA7	20218795	16/03/2021	17/03/2021	180	2.3
NA8	20218796	16/03/2021	17/03/2021	Not collected	
NA9	20218797	16/03/2021	17/03/2021	222	1.2

A summary of methods used and detection limits is as follows.

Parameter	Description	Detection Limit	Method
Chlorophyll-a - Filter 1(Chla)	Acetone pigment extraction, spectrophotometric measurement.	0.01	A*10200H
Total Nitrogen(TN)	Persulphate digest, auto cadmium reduction, FIA	10	Lachat

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