

From: Emma Chibnall
Sent: 21 Sep 2020 16:50:01 +1200
To: monitoring
Subject: FW: Preliminary reports for August (TN & Chla)
Attachments: ux9073 TN & Chla.pdf, ux9073 TN & Chla.csv, vd9079 TN & Chla.pdf, vd9079 TN & Chla.csv

I have a document here that says we need to forward this information on:

Consent numbers

U140296 Ngamahau
U140295 Kopaua
U140294 Waitata

Is this the correct information? Is this still required? I will update the manual to make sure we do the right thing going forward.

Regards,

Emma Chibnall
Environmental Systems and Data Analyst



Phone: 03 520 7400 Ext 5261
Mobile: 0273116992

15 Seymour Street, PO Box 443
Blenheim 7240, New Zealand
emma.chibnall@marlborough.govt.nz
www.marlborough.govt.nz

From: Mike Crump [mailto:Mike.Crump@niwa.co.nz]
Sent: Friday, 18 September 2020 5:11 PM
To: Emma Chibnall
Cc: Mike Ede-5123
Subject: Preliminary reports for August (TN & Chla)

Mike Crump

Principal Technician - Water Quality

Group Manager - Water Quality Laboratory

+64-7-856-1739 | +64-27-517-5170

National Institute of Water & Atmospheric Research Ltd (NIWA)

Gate 10 Silverdale Road Hillcrest Hamilton New Zealand

Connect with NIWA: niwa.co.nz [Facebook](#) [LinkedIn](#) [Twitter](#) [Instagram](#)

To ensure compliance with legal requirements and to maintain cyber security standards, NIWA's IT systems are subject to ongoing monitoring, activity logging and auditing. This monitoring and auditing service may be provided by third parties. Such third parties can access information transmitted to, processed by and stored on NIWA's IT systems

This e-mail message has been scanned by **SEG Cloud**



NIWA HAMILTON WATER QUALITY LABORATORY

CLIENT : Mike Ede
Marlborough District Council
15 Seymour Street
Blenheim

LOT NUMBER : 2020000811
SF NUMBER : UX 9073
JOB NUMBER : HN21LAB/TEST

CHECKED : MC
APPROVED : MC
REPORT DATE : 18/09/2020

JOB : Queen Charlotte Sound

Temperature of water samples on receipt at the NIWA Hamilton Water Quality Lab: 4°C

NIWA ID	Client ID	Date Collected	Date Received	TN mg/m3	Chla mg/m3
UX1	20211002	24/08/2020	25/08/2020	179	0.6
UX2	20211003	24/08/2020	25/08/2020	225	1.1
UX3	20211004	24/08/2020	25/08/2020	165	1.0
UX4	20211005	24/08/2020	25/08/2020	166	2.4
UX5	20211006	24/08/2020	25/08/2020	172	0.4
UX6	20211007	24/08/2020	25/08/2020	165	1.2
UX7	20211008	24/08/2020	25/08/2020	160	5.0
UX8	20211009	24/08/2020	25/08/2020	198	0.5
UX9	20211010	24/08/2020	25/08/2020	155	3.9

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.	0.1	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.**



NIWA HAMILTON WATER QUALITY LABORATORY

CLIENT : Mike Ede
Marlborough District Council
15 Seymour Street
Blenheim

LOT NUMBER : 2020000817
SF NUMBER : VD 9079
JOB NUMBER : HN21LAB/TEST

CHECKED : MC
APPROVED : MC
REPORT DATE : 18/09/2020

JOB : Pelorus Sound

Temperature of water samples on receipt at the NIWA Hamilton Water Quality Lab: 7°C

NIWA ID	Client ID	Date Collected	Date Received	TN mg/m3	Chla mg/m3
VD1	20211048	25/08/2020	26/08/2020	195	0.8
VD2	20211049	25/08/2020	26/08/2020	145	0.5
VD3	20211050	25/08/2020	26/08/2020	147	1.0
VD4	20211051	25/08/2020	26/08/2020	173	1.1
VD5	20211052	25/08/2020	26/08/2020	191	0.8
VD6	20211053	25/08/2020	26/08/2020	156	1.6
VD7	20211054	25/08/2020	26/08/2020	171	1.3
VD8	20211055	25/08/2020	26/08/2020	156	2.5
VD9	20211056	25/08/2020	26/08/2020	164	1.0
VD10	20211057	25/08/2020	26/08/2020	181	2.1
VD11	20211058	25/08/2020	26/08/2020	242	0.8
VD12	20211059	25/08/2020	26/08/2020	233	1.0

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.	0.1	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.**