

OIR: 2324/961

13 June 2024

[Redacted]

Tēnā koe [Redacted],

Request for Information under the Local Government Official Information and Meetings Act 1987 (the Act) (the LGOIMA)

Thank you for your email of **7 June 2024** requesting the following information:

Please supply all the fluoride measures of all water supplies under your jurisdiction for the year 2023. Please provide the data in a spreadsheet

We do not hold the information requested in a spreadsheet form, but please find attached the information requested for each month of 2023.

Ngā mihi,



Sean Mallon

Group Manager Infrastructure and Asset Management
Kaiwhakahaere Rōpū Anga me te Whakahaere Rawa

Please note that any information provided in response to your request may be published on the Council website, with your personal details removed.

KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT

January 2023



REPORT NO: JAN230030
Client: KCDC Bulk Water Supply Priority 2 Determinand
Water Sample Analysis: Monthly Fluoride

RESULTS:

Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Pilot Sample Temp Taken by Lab Staff °C	Result mg/L	95% Confidence mg/L
4/01/2023	F-13ch	35: Plant Lab Tap - Fluoride	Phillip MacDonald	7:59:00 AM	230030	3	0.86	+/- 0.02
11/01/2023	F-1ci	35: Plant Lab Tap - Fluoride	Tama Te-Whata	7:41:00 AM	230143	4.2	0.89	+/- 0.02
18/01/2023	F-2ci	35: Plant Lab Tap - Fluoride	Wayne Elley	7:48:00 AM	230265	5	0.85	+/- 0.02
25/01/2023	F-3ci	35: Plant Lab Tap - Fluoride	Simon Fraser	6:19:00 AM	230364	5.5	0.86	+/- 0.02
Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for water treatment).						Analysed by the KCDC Laboratory		

Notes

The Laboratory had no control over the conditions of collection of the samples.
The method of analysis - Ion Selective Electrode as described in APHA - Standard methods for the examination of water and wastewater, American Public Health Association, 23rd Edition 2017. Section 4500-F C.
The Water Services (Drinking Water Standards for New Zealand) Regulations 2022 , MAV (maximum allowable value) 1.5 mg/L
The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons is 0.7 - 1.0 mg/L
Any queries relating to this report should be addressed to the Laboratory Manager.

RECEIVED BY : 	DATE: 29/01/2023	REPORTED BY: 	DATE: 27/01/2023
Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae Action Needed:		Kim Mazur, Laboratory Manager KCDC LABORATORY, Fyterfield Place, Paraparaumu	

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LabOnline Supplementary Information

Tab: 35: Plant Lab Tap - Fluoride

Plant: Waikanae

Tab: 35: Plant Lab Tap - Fluoride

Subgroup: Supplementary Information

Parameter: Sample Purpose

Units:

Operations Min:

Operations Max:

Trigger Min:

Trigger Max:

92% Min:

92% Max:

95% Min:

95% Max:

98% Min:

98% Max:

99% Min:

99% Max:

Medium Min:

Medium Max:

Sample Month:

Days Between Samples:

Description:

Sample ID

Sample ID	Description
KAPITI-4098	1. Scheduled
KAPITI-4071	1. Scheduled
KAPITI-4030	1. Scheduled
KAPITI-4006	1. Scheduled
KAPITI-3982	1. Scheduled
KAPITI-3947	1. Scheduled
KAPITI-3928	1. Scheduled
KAPITI-3878	1. Scheduled
KAPITI-3843	1. Scheduled
KAPITI-3808	1. Scheduled
KAPITI-3785	1. Scheduled
KAPITI-3762	1. Scheduled
KAPITI-3736	1. Scheduled
KAPITI-3712	1. Scheduled
KAPITI-3688	1. Scheduled
KAPITI-3639	1. Scheduled
KAPITI-3607	1. Scheduled
KAPITI-3583	1. Scheduled
KAPITI-3559	1. Scheduled
KAPITI-3536	1. Scheduled
KAPITI-3495	1. Scheduled
KAPITI-3472	1. Scheduled
KAPITI-3447	1. Scheduled
KAPITI-3429	1. Scheduled

KAPITI-3375	1. Scheduled
KAPITI-3350	1. Scheduled
KAPITI-3317	
KAPITI-3293	
KAPITI-3259	
KAPITI-3236	
KAPITI-3213	
KAPITI-3189	
KAPITI-3147	
KAPITI-3107	
KAPITI-3085	
KAPITI-3060	
KAPITI-3025	
KAPITI-2955	
KAPITI-2939	
KAPITI-2909	
KAPITI-2891	
KAPITI-2835	
KAPITI-2809	
KAPITI-2785	
KAPITI-2755	
KAPITI-2722	
KAPITI-2690	
KAPITI-2665	
KAPITI-2640	
KAPITI-2586	
KAPITI-2523	
KAPITI-2488	
KAPITI-2435	
KAPITI-2407	
KAPITI-2383	
KAPITI-2356	

KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT

February 2023

REPORT NO: FEB230466
Client: KCDC Bulk Water Supply Priority 2 Determinand
Water Sample Analysis: Monthly Fluoride

RESULTS:


Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Pilot Sample Temp Taken by Lab Staff °C	Result mg/L	95% Confidence mg/L
1/02/2023	F-4ci	35: Plant Lab Tap - Fluoride	Phillip MacDonald	7:56:00 AM	230466	1.3	0.84	+/- 0.02
8/02/2023	F-5ci	35: Plant Lab Tap - Fluoride	Tama Te-Whata	7:41:00 AM	230553	4.6	0.83	+/- 0.02
15/02/2023	F-6ci	35: Plant Lab Tap - Fluoride	Mitchell Sarney	8:07:00 AM	230664	7.3	0.84	+/- 0.02
22/02/2023	F-7ci	35: Plant Lab Tap - Fluoride	Wayne Elley	7:55:00 AM	230774	3.4	0.84	+/- 0.02
Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for water treatment).						Analysed by the KCDC Laboratory		

Notes

The Laboratory had no control over the conditions of collection of the samples.
The method of analysis - Ion Selective Electrode as described in APHA - Standard methods for the examination of water and wastewater, American Public Health Association, 23rd Edition 2017. Section 4500-F C.
The Water Services (Drinking Water Standards for New Zealand) Regulations 2022 , MAV (maximum allowable value) 1.5 mg/L
The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons is 0.7 - 1.0 mg/L
Any queries relating to this report should be addressed to the Laboratory Manager.

RECEIVED BY :  DATE:6/3/2023

Bruce Nesbitt, Water Treatment Plants Manager
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae
Action Needed:

REPORTED BY:  DATE: 6/03/2023

Kim Mazur, Laboratory Manager
KCDC LABORATORY, Fyfefield Place, Paraparaumu

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LabOnline Supplementary Information

Tab: 35: Plant Lab Tap - Fluoride

Plant: Waikanae

Tab: 35: Plant Lab Tap - Fluoride

Subgroup: Supplementary Information

Parameter: Sample Purpose

Units:

Operations Min:

Operations Max:

Trigger Min:

Trigger Max:

92% Min:

92% Max:

95% Min:

95% Max:

98% Min:

98% Max:

99% Min:

99% Max:

Medium Min:

Medium Max:

Sample Month:

Days Between Samples:

Description:

Sample ID

Sample ID	Description
KAPITI-4196	1. Scheduled
KAPITI-4175	1. Scheduled
KAPITI-4142	1. Scheduled
KAPITI-4122	1. Scheduled
KAPITI-4098	1. Scheduled
KAPITI-4071	1. Scheduled
KAPITI-4030	1. Scheduled
KAPITI-4006	1. Scheduled
KAPITI-3982	1. Scheduled
KAPITI-3947	1. Scheduled
KAPITI-3928	1. Scheduled
KAPITI-3878	1. Scheduled
KAPITI-3843	1. Scheduled
KAPITI-3808	1. Scheduled
KAPITI-3785	1. Scheduled
KAPITI-3762	1. Scheduled
KAPITI-3736	1. Scheduled
KAPITI-3712	1. Scheduled
KAPITI-3688	1. Scheduled
KAPITI-3639	1. Scheduled
KAPITI-3607	1. Scheduled
KAPITI-3583	1. Scheduled
KAPITI-3559	1. Scheduled
KAPITI-3536	1. Scheduled

KAPITI-3495	1. Scheduled
KAPITI-3472	1. Scheduled
KAPITI-3447	1. Scheduled
KAPITI-3429	1. Scheduled
KAPITI-3375	1. Scheduled
KAPITI-3350	1. Scheduled
KAPITI-3317	
KAPITI-3293	
KAPITI-3259	
KAPITI-3236	
KAPITI-3213	
KAPITI-3189	
KAPITI-3147	
KAPITI-3107	
KAPITI-3085	
KAPITI-3060	
KAPITI-3025	
KAPITI-2955	
KAPITI-2939	
KAPITI-2909	
KAPITI-2891	
KAPITI-2835	
KAPITI-2809	
KAPITI-2785	
KAPITI-2755	
KAPITI-2722	
KAPITI-2690	
KAPITI-2665	
KAPITI-2640	
KAPITI-2586	
KAPITI-2523	
KAPITI-2488	

KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT March 2023

REPORT NO: MAR230903
 Client: KCDC Bulk Water Supply Priority 2 Determinand
 Water Sample Analysis: Monthly Fluoride


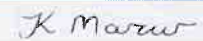
RESULTS:

Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Pilot Sample Temp Taken by Lab Staff	Result	95% Confidence
						°C	mg/L	mg/L
1/03/2023	F-8ci	35: Plant Lab Tap - Fluoride	Phillip MacDonald	6:15:00 AM	230903	3.8	0.82	+/- 0.02
8/03/2023	F-9ci	35: Plant Lab Tap - Fluoride	Tama Te-Whata	7:42:00 AM	231010	4.6	0.83	+/- 0.02
15/03/2023	F-10ci	35: Plant Lab Tap - Fluoride	Mitchell Sarney	7:35:00 AM	231125	5.2	0.81	+/- 0.02
22/03/2023	F-11ci	35: Plant Lab Tap - Fluoride	Wayne Elley	7:50:00 AM	231246	0.4	0.79	+/- 0.02
29/03/2023	F-12ci	35: Plant Lab Tap - Fluoride	Phillip MacDonald	7:40:00 AM	231353	3.6	0.81	+/- 0.02

Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for water treatment). Analysed by the KCDC Laboratory

Notes

The Laboratory had no control over the conditions of collection of the samples.
 The method of analysis - Ion Selective Electrode as described in APHA - Standard methods for the examination of water and wastewater, American Public Health Association, 23rd Edition 2017. Section 4500-F C.
 The Water Services (Drinking Water Standards for New Zealand) Regulations 2022, MAV (maximum allowable value) 1.5 mg/L
 The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons is 0.7 - 1.0 mg/L
 Any queries relating to this report should be addressed to the Laboratory Manager.

RECEIVED BY:  Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae Action Needed:	DATE: 17/4/2023 REPORTED BY:  Kim Mazur, Laboratory Manager KCDC LABORATORY, Fyfefield Place, Paraparaumu
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KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT

April 2023



REPORT NO: APR231451
Client: KCDC Bulk Water Supply Priority 2 Determinand
Water Sample Analysis: Monthly Fluoride

RESULTS:

Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Pilot Sample Temp Taken by Lab Staff °C	Result mg/L	95% Confidence mg/L
5/04/2023	F-13ci	35: Plant Lab Tap - Fluoride	Tama Te-Whata	7:45:00 AM	231451	5.4	0.79	+/- 0.02
12/04/2023	F-1cj	35: Plant Lab Tap - Fluoride	Mitchell Sarney	7:53:00 AM	231561	6.7	0.79	+/- 0.02
19/04/2023	F-2cj	35: Plant Lab Tap - Fluoride	Wayne Elley	7:50:00 AM	231681	0.7	0.77	+/- 0.02
26/04/2023	F-3cj	35: Plant Lab Tap - Fluoride	Phillip MacDonald	8:02:00 AM	231757	4.3	0.79	+/- 0.02
Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for water treatment).						Analysed by the KCDC Laboratory		

Notes

The Laboratory had no control over the conditions of collection of the samples.
The method of analysis - Ion Selective Electrode as described in APHA - Standard methods for the examination of water and wastewater, American Public Health Association, 23rd Edition 2017. Section 4500-F C.
The Water Services (Drinking Water Standards for New Zealand) Regulations 2022 , MAV (maximum allowable value) 1.5 mg/L
The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons is 0.7 - 1.0 mg/L
Any queries relating to this report should be addressed to the Laboratory Manager.

<p>RECEIVED BY : </p> <p>Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae Action Needed:</p>	<p>DATE: 11/05/2023</p>	<p>REPORTED BY: </p> <p>Kim Mazur, Laboratory Manager KCDC LABORATORY, Fyterfield Place, Paraparaumu</p>	<p>DATE: 10/05/2023</p>
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LabOnline Supplementary Information

Tab: 35: Plant Lab Tap - Fluoride

Plant: Waikanae

Tab: 35: Plant Lab Tap - Fluoride

Subgroup: Supplementary Information

Parameter: Sample Purpose

Units:

Operations Min:

Operations Max:

Trigger Min:

Trigger Max:

92% Min:

92% Max:

95% Min:

95% Max:

98% Min:

98% Max:

99% Min:

99% Max:

Medium Min:

Medium Max:

Sample Month:

Days Between Samples:

Description:

Sample ID

Sample ID	Description
KAPITI-4478	1. Scheduled
KAPITI-4459	1. Scheduled
KAPITI-4419	1. Scheduled
KAPITI-4374	1. Scheduled
KAPITI-4356	1. Scheduled
KAPITI-4326	1. Scheduled
KAPITI-4309	1. Scheduled
KAPITI-4261	1. Scheduled
KAPITI-4243	1. Scheduled
KAPITI-4196	1. Scheduled
KAPITI-4175	1. Scheduled
KAPITI-4142	1. Scheduled
KAPITI-4122	1. Scheduled
KAPITI-4098	1. Scheduled
KAPITI-4071	1. Scheduled
KAPITI-4030	1. Scheduled
KAPITI-4006	1. Scheduled
KAPITI-3982	1. Scheduled
KAPITI-3947	1. Scheduled
KAPITI-3928	1. Scheduled
KAPITI-3878	1. Scheduled
KAPITI-3843	1. Scheduled
KAPITI-3808	1. Scheduled
KAPITI-3785	1. Scheduled

KAPITI-3762	1. Scheduled
KAPITI-3736	1. Scheduled
KAPITI-3712	1. Scheduled
KAPITI-3688	1. Scheduled
KAPITI-3639	1. Scheduled
KAPITI-3607	1. Scheduled
KAPITI-3583	1. Scheduled
KAPITI-3559	1. Scheduled
KAPITI-3536	1. Scheduled
KAPITI-3495	1. Scheduled
KAPITI-3472	1. Scheduled
KAPITI-3447	1. Scheduled
KAPITI-3429	1. Scheduled
KAPITI-3375	1. Scheduled
KAPITI-3350	1. Scheduled
KAPITI-3317	
KAPITI-3293	
KAPITI-3259	
KAPITI-3236	
KAPITI-3213	
KAPITI-3189	
KAPITI-3147	
KAPITI-3107	
KAPITI-3085	
KAPITI-3060	
KAPITI-3025	
KAPITI-2955	
KAPITI-2939	
KAPITI-2909	
KAPITI-2891	
KAPITI-2835	
KAPITI-2809	

KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT

May 2023

REPORT NO: MAY231877
Client: KCDC Bulk Water Supply Priority 2 Determinand
Water Sample Analysis: Monthly Fluoride

RESULTS:

Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Pilot Sample Temp Taken by Lab Staff °C	Result mg/L	95% Confidence mg/L
3/05/2023	F-4cj	35: Plant Lab Tap - Fluoride	Mitchell Sarney	7:53:00 AM	231877	7.1	0.81	+/- 0.02
10/05/2023	F-5cj	35: Plant Lab Tap - Fluoride	Phillip MacDonald	8:42:00 AM	231977	1.2	0.78	+/- 0.02
17/05/2023	F-6cj	35: Plant Lab Tap - Fluoride	Simon Fraser	7:15:00 AM	232081	7.4	0.80	+/- 0.02
24/05/2023	F-7cj	35: Plant Lab Tap - Fluoride	Mitchell Sarney	8:05:00 AM	232176	5.6	0.78	+/- 0.02
31/05/2023	F-8cj	35: Plant Lab Tap - Fluoride	Phillip MacDonald	7:43:00 AM	232280	3.8	0.79	+/- 0.02
Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for water treatment).						Analysed by the KCDC Laboratory		

Notes

The Laboratory had no control over the conditions of collection of the samples.
The method of analysis - Ion Selective Electrode as described in APHA - Standard methods for the examination of water and wastewater, American Public Health Association, 23rd Edition 2017. Section 4500-F C.
The Water Services (Drinking Water Standards for New Zealand) Regulations 2022 , MAV (maximum allowable value) 1.5 mg/L
The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons is 0.7 - 1.0 mg/L
Any queries relating to this report should be addressed to the Laboratory Manager.

RECEIVED BY :  DATE:06/06/2023
Bruce Nesbitt, Water Treatment Plants Manager
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae
Action Needed:

REPORTED BY:  DATE: 5/06/2023
Kim Mazur, Laboratory Manager
KCDC LABORATORY, Fyfeplace, Paraparaumu

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LabOnline Supplementary Information

Tab: 35: Plant Lab Tap - Fluoride

Plant: Waikanae

Tab: 35: Plant Lab Tap - Fluoride

Subgroup: Supplementary Information

Parameter: Sample Purpose

Units:

Operations Min:

Operations Max:

Trigger Min:

Trigger Max:

92% Min:

92% Max:

95% Min:

95% Max:

98% Min:

98% Max:

99% Min:

99% Max:

Medium Min:

Medium Max:

Sample Month:

Days Between Samples:

Description:

Sample ID

Sample ID	Description
KAPITI-4618	1. Scheduled
KAPITI-4589	1. Scheduled
KAPITI-4624	1. Scheduled
KAPITI-4530	1. Scheduled
KAPITI-4502	1. Scheduled
KAPITI-4478	1. Scheduled
KAPITI-4459	1. Scheduled
KAPITI-4419	1. Scheduled
KAPITI-4374	1. Scheduled
KAPITI-4356	1. Scheduled
KAPITI-4326	1. Scheduled
KAPITI-4309	1. Scheduled
KAPITI-4261	1. Scheduled
KAPITI-4243	1. Scheduled
KAPITI-4196	1. Scheduled
KAPITI-4175	1. Scheduled
KAPITI-4142	1. Scheduled
KAPITI-4122	1. Scheduled
KAPITI-4098	1. Scheduled
KAPITI-4071	1. Scheduled
KAPITI-4030	1. Scheduled
KAPITI-4006	1. Scheduled
KAPITI-3982	1. Scheduled
KAPITI-3947	1. Scheduled

KAPITI-3928	1. Scheduled
KAPITI-3878	1. Scheduled
KAPITI-3843	1. Scheduled
KAPITI-3808	1. Scheduled
KAPITI-3785	1. Scheduled
KAPITI-3762	1. Scheduled
KAPITI-3736	1. Scheduled
KAPITI-3712	1. Scheduled
KAPITI-3688	1. Scheduled
KAPITI-3639	1. Scheduled
KAPITI-3607	1. Scheduled
KAPITI-3583	1. Scheduled
KAPITI-3559	1. Scheduled
KAPITI-3536	1. Scheduled
KAPITI-3495	1. Scheduled
KAPITI-3472	1. Scheduled
KAPITI-3447	1. Scheduled
KAPITI-3429	1. Scheduled
KAPITI-3375	1. Scheduled
KAPITI-3350	1. Scheduled
KAPITI-3317	
KAPITI-3293	
KAPITI-3259	
KAPITI-3236	
KAPITI-3213	
KAPITI-3189	
KAPITI-3147	
KAPITI-3107	
KAPITI-3085	
KAPITI-3060	
KAPITI-3025	
KAPITI-2955	
KAPITI-2939	

KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT

June 2023

REPORT NO: JUN232371
Client: KCDC Bulk Water Supply Priority 2 Determinand
Water Sample Analysis: Monthly Fluoride



Version 15 created 27 June 2023

RESULTS:

Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Pilot Sample Temp Taken by Lab Staff °C	Result mg/L	95% Confidence mg/L
7/06/2023	F-9cj	35: Plant Lab Tap - Fluoride	Phillip MacDonald	7:37:00 AM	232371	3.2	0.77	+/- 0.02
14/06/2023	F-10cj	35: Plant Lab Tap - Fluoride	Tama Te-Whata	7:49:00 AM	232475	5.5	0.79	+/- 0.02
21/06/2023	F-11cj	35: Plant Lab Tap - Fluoride	Mitchell Sarney	8:05:00 AM	232591	4.3	0.81	+/- 0.02
28/06/2023	F-12cj	35: Plant Lab Tap - Fluoride	Wayne Elley	7:45:00 AM	232732	8.1	0.80	+/- 0.02
Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for Water Treatment).						Analysed by the KCDC Laboratory		

Notes

The Laboratory had no control over the conditions of collection of the samples.
The method of analysis - Ion Selective Electrode as described in APHA - Standard methods for the examination of water and wastewater, American Public Health Association, 24rd Edition 2023. Section 4500-F C.
The Water Services (Drinking Water Standards for New Zealand) Regulations 2022 , MAV (maximum allowable value) 1.5 mg/L
The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons is 0.7 - 1.0 mg/L
Any queries relating to this report should be addressed to the Laboratory Manager.

RECEIVED BY : 	DATE: 11/07/2023	REPORTED BY: 	DATE: 11/07/2023
Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae Action Needed:		Kim Mazur, Laboratory Manager KCDC LABORATORY, Fyterfield Place, Paraparaumu	

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LabOnline Supplementary Information

Tab: 35: Plant Lab Tap - Fluoride

Plant: Waikanae

Tab: 35: Plant Lab Tap - Fluoride

Subgroup: Supplementary Information

Parameter: Sample Purpose

Units:

Operations Min:

Operations Max:

Trigger Min:

Trigger Max:

92% Min:

92% Max:

95% Min:

95% Max:

98% Min:

98% Max:

99% Min:

99% Max:

Medium Min:

Medium Max:

Sample Month:

Days Between Samples:

Description:

Sample ID

Sample ID	Description
KAPITI-4740	1. Scheduled
KAPITI-4713	1. Scheduled
KAPITI-4677	1. Scheduled
KAPITI-4638	1. Scheduled
KAPITI-4618	1. Scheduled
KAPITI-4589	1. Scheduled
KAPITI-4624	1. Scheduled
KAPITI-4530	1. Scheduled
KAPITI-4502	1. Scheduled
KAPITI-4478	1. Scheduled
KAPITI-4459	1. Scheduled
KAPITI-4419	1. Scheduled
KAPITI-4374	1. Scheduled
KAPITI-4356	1. Scheduled
KAPITI-4326	1. Scheduled
KAPITI-4309	1. Scheduled
KAPITI-4261	1. Scheduled
KAPITI-4243	1. Scheduled
KAPITI-4196	1. Scheduled
KAPITI-4175	1. Scheduled
KAPITI-4142	1. Scheduled
KAPITI-4122	1. Scheduled
KAPITI-4098	1. Scheduled
KAPITI-4071	1. Scheduled

KAPITI-4030	1. Scheduled
KAPITI-4006	1. Scheduled
KAPITI-3982	1. Scheduled
KAPITI-3947	1. Scheduled
KAPITI-3928	1. Scheduled
KAPITI-3878	1. Scheduled
KAPITI-3843	1. Scheduled
KAPITI-3808	1. Scheduled
KAPITI-3785	1. Scheduled
KAPITI-3762	1. Scheduled
KAPITI-3736	1. Scheduled
KAPITI-3712	1. Scheduled
KAPITI-3688	1. Scheduled
KAPITI-3639	1. Scheduled
KAPITI-3607	1. Scheduled
KAPITI-3583	1. Scheduled
KAPITI-3559	1. Scheduled
KAPITI-3536	1. Scheduled
KAPITI-3495	1. Scheduled
KAPITI-3472	1. Scheduled
KAPITI-3447	1. Scheduled
KAPITI-3429	1. Scheduled
KAPITI-3375	1. Scheduled
KAPITI-3350	1. Scheduled
KAPITI-3317	
KAPITI-3293	
KAPITI-3259	
KAPITI-3236	
KAPITI-3213	
KAPITI-3189	
KAPITI-3147	
KAPITI-3107	
KAPITI-3085	

KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT

July 2023

REPORT NO: JUL232827
Client: KCDC Bulk Water Supply Priority 2 Determinand
Water Sample Analysis: Monthly Fluoride



Version 15 created 27 June 2023

RESULTS:

Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Sample Temp Taken by Lab Staff °C	Result mg/L	95% Confidence mg/L
5/07/2023	F-13cj	35: Plant Lab Tap - Fluoride	Wayne Elley	7:49:00 AM	232827	9.8	0.81	+/- 0.02
12/07/2023	F-1ck	35: Plant Lab Tap - Fluoride	Tama Te-Whata	7:38:00 AM	232933	5	0.82	+/- 0.02
19/07/2023	F-2ck	35: Plant Lab Tap - Fluoride	Mitchell Sarney	7:41:00 AM	233045	7.7	0.81	+/- 0.02
26/07/2023	F-3ck	35: Plant Lab Tap - Fluoride	Wayne Elley	7:46:00 AM	233141	8.5	0.80	+/- 0.02
Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for Water Treatment).						Analysed by the KCDC Laboratory		

Notes

The Laboratory had no control over the conditions of collection of the samples.
The method of analysis - Ion Selective Electrode as described in APHA - Standard methods for the examination of water and wastewater, American Public Health Association, 24rd Edition 2023. Section 4500-F C.
The Water Services (Drinking Water Standards for New Zealand) Regulations 2022 , MAV (maximum allowable value) 1.5 mg/L
The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons is 0.7 - 1.0 mg/L
Any queries relating to this report should be addressed to the Laboratory Manager.

RECEIVED BY : 	DATE: 11/08/2023	REPORTED BY: 	DATE: 11/08/2023
Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae Action Needed:		Kim Mazur, Laboratory Manager KCDC LABORATORY, Fyterfield Place, Paraparaumu	

This report may not be reproduced except in full.

LabOnline Supplementary Information

Tab: 35: Plant Lab Tap - Fluoride

Plant: Waikanae

Tab: 35: Plant Lab Tap - Fluoride

Subgroup: Supplementary Information

Parameter: Sample Purpose

Units:

Operations Min:

Operations Max:

Trigger Min:

Trigger Max:

92% Min:

92% Max:

95% Min:

95% Max:

98% Min:

98% Max:

99% Min:

99% Max:

Medium Min:

Medium Max:

Sample Month:

Days Between Samples:

Description:

Sample ID

Sample ID	Description
KAPITI-4847	1. Scheduled
KAPITI-4823	1. Scheduled
KAPITI-4789	1. Scheduled
KAPITI-4770	1. Scheduled
KAPITI-4740	1. Scheduled
KAPITI-4713	1. Scheduled
KAPITI-4677	1. Scheduled
KAPITI-4638	1. Scheduled
KAPITI-4618	1. Scheduled
KAPITI-4589	1. Scheduled
KAPITI-4624	1. Scheduled
KAPITI-4530	1. Scheduled
KAPITI-4502	1. Scheduled
KAPITI-4478	1. Scheduled
KAPITI-4459	1. Scheduled
KAPITI-4419	1. Scheduled
KAPITI-4374	1. Scheduled
KAPITI-4356	1. Scheduled
KAPITI-4326	1. Scheduled
KAPITI-4309	1. Scheduled
KAPITI-4261	1. Scheduled
KAPITI-4243	1. Scheduled
KAPITI-4196	1. Scheduled
KAPITI-4175	1. Scheduled

KAPITI-4142	1. Scheduled
KAPITI-4122	1. Scheduled
KAPITI-4098	1. Scheduled
KAPITI-4071	1. Scheduled
KAPITI-4030	1. Scheduled
KAPITI-4006	1. Scheduled
KAPITI-3982	1. Scheduled
KAPITI-3947	1. Scheduled
KAPITI-3928	1. Scheduled
KAPITI-3878	1. Scheduled
KAPITI-3843	1. Scheduled
KAPITI-3808	1. Scheduled
KAPITI-3785	1. Scheduled
KAPITI-3762	1. Scheduled
KAPITI-3736	1. Scheduled
KAPITI-3712	1. Scheduled
KAPITI-3688	1. Scheduled
KAPITI-3639	1. Scheduled
KAPITI-3607	1. Scheduled
KAPITI-3583	1. Scheduled
KAPITI-3559	1. Scheduled
KAPITI-3536	1. Scheduled
KAPITI-3495	1. Scheduled
KAPITI-3472	1. Scheduled
KAPITI-3447	1. Scheduled
KAPITI-3429	1. Scheduled
KAPITI-3375	1. Scheduled
KAPITI-3350	1. Scheduled
KAPITI-3317	
KAPITI-3293	
KAPITI-3259	
KAPITI-3236	

KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT

August 2023

REPORT NO: AUG233240
Client: KCDC Bulk Water Supply Priority 2 Determinand
Water Sample Analysis: Monthly Fluoride



Version 15 created 27 June 2023

RESULTS:

Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Pilot Sample Temp Taken by Lab Staff °C	Result mg/L	95% Confidence mg/L
2/08/2023	F-4ck	35: Plant Lab Tap - Fluoride	Phillip MacDonald	7:46:00 AM	233240	6.6	0.78	+/- 0.02
9/08/2023	F-5ck	35: Plant Lab Tap - Fluoride	Tama Te-Whata	7:46:00 AM	233325	6.8	0.74	+/- 0.02
16/08/2023	F-6ck	35: Plant Lab Tap - Fluoride	Mitchell Sarney	7:42:00 AM	233435	4.2	0.77	+/- 0.02
23/08/2023	F-7ck	35: Plant Lab Tap - Fluoride	Phillip MacDonald	7:42:00 AM	233555	3.9	0.78	+/- 0.02
30/08/2023	F-8ck	35: Plant Lab Tap - Fluoride	Tama Te-Whata	8:32:00 AM	233663	5.4	0.80	+/- 0.02
Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for Water Treatment).						Analysed by the KCDC Laboratory		

Notes

The Laboratory had no control over the conditions of collection of the samples.
The method of analysis - Ion Selective Electrode as described in APHA - Standard methods for the examination of water and wastewater, American Public Health Association, 24rd Edition 2023. Section 4500-F C.
The Water Services (Drinking Water Standards for New Zealand) Regulations 2022 , MAV (maximum allowable value) 1.5 mg/L
The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons is 0.7 - 1.0 mg/L
Any queries relating to this report should be addressed to the Laboratory Manager.

RECEIVED BY : 	DATE: 8/09/2023	REPORTED BY: 	DATE: 8/09/2023
Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae Action Needed:		Kim Mazur, Laboratory Manager KCDC LABORATORY, Fyterfield Place, Paraparaumu	

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LabOnline Supplementary Information

Tab: 35: Plant Lab Tap - Fluoride

Plant: Waikanae

Tab: 35: Plant Lab Tap - Fluoride

Subgroup: Supplementary Information

Parameter: Sample Purpose

Units:

Operations Min:

Operations Max:

Trigger Min:

Trigger Max:

92% Min:

92% Max:

95% Min:

95% Max:

98% Min:

98% Max:

99% Min:

99% Max:

Medium Min:

Medium Max:

Sample Month:

Days Between Samples:

Description:

Sample ID

Sample ID	Description
KAPITI-5017	1. Scheduled
KAPITI-4975	1. Scheduled
KAPITI-4937	1. Scheduled
KAPITI-4896	1. Scheduled
KAPITI-4880	1. Scheduled
KAPITI-4847	1. Scheduled
KAPITI-4823	1. Scheduled
KAPITI-4789	1. Scheduled
KAPITI-4770	1. Scheduled
KAPITI-4740	1. Scheduled
KAPITI-4713	1. Scheduled
KAPITI-4677	1. Scheduled
KAPITI-4638	1. Scheduled
KAPITI-4618	1. Scheduled
KAPITI-4589	1. Scheduled
KAPITI-4624	1. Scheduled
KAPITI-4530	1. Scheduled
KAPITI-4502	1. Scheduled
KAPITI-4478	1. Scheduled
KAPITI-4459	1. Scheduled
KAPITI-4419	1. Scheduled
KAPITI-4374	1. Scheduled
KAPITI-4356	1. Scheduled
KAPITI-4326	1. Scheduled

KAPITI-4309	1. Scheduled
KAPITI-4261	1. Scheduled
KAPITI-4243	1. Scheduled
KAPITI-4196	1. Scheduled
KAPITI-4175	1. Scheduled
KAPITI-4142	1. Scheduled
KAPITI-4122	1. Scheduled
KAPITI-4098	1. Scheduled
KAPITI-4071	1. Scheduled
KAPITI-4030	1. Scheduled
KAPITI-4006	1. Scheduled
KAPITI-3982	1. Scheduled
KAPITI-3947	1. Scheduled
KAPITI-3928	1. Scheduled
KAPITI-3878	1. Scheduled
KAPITI-3843	1. Scheduled
KAPITI-3808	1. Scheduled
KAPITI-3785	1. Scheduled
KAPITI-3762	1. Scheduled
KAPITI-3736	1. Scheduled
KAPITI-3712	1. Scheduled
KAPITI-3688	1. Scheduled
KAPITI-3639	1. Scheduled
KAPITI-3607	1. Scheduled
KAPITI-3583	1. Scheduled
KAPITI-3559	1. Scheduled
KAPITI-3536	1. Scheduled
KAPITI-3495	1. Scheduled
KAPITI-3472	1. Scheduled
KAPITI-3447	1. Scheduled
KAPITI-3429	1. Scheduled
KAPITI-3375	1. Scheduled
KAPITI-3350	1. Scheduled

KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT

September 2023

REPORT NO: SEP233764
Client: KCDC Bulk Water Supply Priority 2 Determinand
Water Sample Analysis: Monthly Fluoride



Version 15 created 27 June 2023

RESULTS:

Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Pilot Sample Temp Taken by Lab Staff °C	Result mg/L	95% Confidence mg/L
6/09/2023	F-9ck	35: Plant Lab Tap - Fluoride	Mitchell Sarney	7:42:00 AM	233764	4.8	0.80	+/- 0.02
13/09/2023	F-10ck	35: Plant Lab Tap - Fluoride	Wayne Elley	8:06:00 AM	233879	11.6	0.82	+/- 0.02
20/09/2023	F-11ck	35: Plant Lab Tap - Fluoride	Phillip MacDonald	7:38:00 AM	233969	9.9	0.81	+/- 0.02
27/09/2023	F-12ck	35: Plant Lab Tap - Fluoride	Tama Te-Whata	7:52:00 AM	234081	6.4	0.82	+/- 0.02
Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for Water Treatment).						Analysed by the KCDC Laboratory		

Notes

The Laboratory had no control over the conditions of collection of the samples.
The method of analysis - Ion Selective Electrode as described in APHA - Standard methods for the examination of water and wastewater, American Public Health Association, 24rd Edition 2023. Section 4500-F C.
The Water Services (Drinking Water Standards for New Zealand) Regulations 2022 , MAV (maximum allowable value) 1.5 mg/L
The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons is 0.7 - 1.0 mg/L
Any queries relating to this report should be addressed to the Laboratory Manager.

RECEIVED BY : 	DATE: 3/10/2023	REPORTED BY: 	DATE: 3/10/2023
Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae Action Needed:		Kim Mazur, Laboratory Manager KCDC LABORATORY, Fyterfield Place, Paraparaumu	

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LabOnline Supplementary Information

Tab: 35: Plant Lab Tap - Fluoride

Plant: Waikanae

Tab: 35: Plant Lab Tap - Fluoride

Subgroup: Supplementary Information

Parameter: Sample Purpose

Units:

Operations Min:

Operations Max:

Trigger Min:

Trigger Max:

92% Min:

92% Max:

95% Min:

95% Max:

98% Min:

98% Max:

99% Min:

99% Max:

Medium Min:

Medium Max:

Sample Month:

Days Between Samples:

Description:

Sample ID

Sample ID	Description
KAPITI-5122	1. Scheduled
KAPITI-5088	1. Scheduled
KAPITI-5061	1. Scheduled
KAPITI-5038	1. Scheduled
KAPITI-5017	1. Scheduled
KAPITI-4975	1. Scheduled
KAPITI-4937	1. Scheduled
KAPITI-4896	1. Scheduled
KAPITI-4880	1. Scheduled
KAPITI-4847	1. Scheduled
KAPITI-4823	1. Scheduled
KAPITI-4789	1. Scheduled
KAPITI-4770	1. Scheduled
KAPITI-4740	1. Scheduled
KAPITI-4713	1. Scheduled
KAPITI-4677	1. Scheduled
KAPITI-4638	1. Scheduled
KAPITI-4618	1. Scheduled
KAPITI-4589	1. Scheduled
KAPITI-4624	1. Scheduled
KAPITI-4530	1. Scheduled
KAPITI-4502	1. Scheduled
KAPITI-4478	1. Scheduled
KAPITI-4459	1. Scheduled

KAPITI-4419	1. Scheduled
KAPITI-4374	1. Scheduled
KAPITI-4356	1. Scheduled
KAPITI-4326	1. Scheduled
KAPITI-4309	1. Scheduled
KAPITI-4261	1. Scheduled
KAPITI-4243	1. Scheduled
KAPITI-4196	1. Scheduled
KAPITI-4175	1. Scheduled
KAPITI-4142	1. Scheduled
KAPITI-4122	1. Scheduled
KAPITI-4098	1. Scheduled
KAPITI-4071	1. Scheduled
KAPITI-4030	1. Scheduled
KAPITI-4006	1. Scheduled
KAPITI-3982	1. Scheduled
KAPITI-3947	1. Scheduled
KAPITI-3928	1. Scheduled
KAPITI-3878	1. Scheduled
KAPITI-3843	1. Scheduled
KAPITI-3808	1. Scheduled
KAPITI-3785	1. Scheduled
KAPITI-3762	1. Scheduled
KAPITI-3736	1. Scheduled
KAPITI-3712	1. Scheduled
KAPITI-3688	1. Scheduled
KAPITI-3639	1. Scheduled
KAPITI-3607	1. Scheduled
KAPITI-3583	1. Scheduled
KAPITI-3559	1. Scheduled
KAPITI-3536	1. Scheduled
KAPITI-3495	1. Scheduled

KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT

October 2023

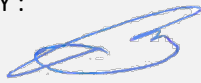

REPORT NO: OCT234183
 Client: KCDC Bulk Water Supply Priority 2 Determinand
 Water Sample Analysis: Monthly Fluoride
 Version 15 created 27 June 2023

RESULTS:

Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Pilot Sample Temp Taken by Lab Staff °C	Result mg/L	95% Confidence mg/L
4/10/2023	F-13ck	35: Plant Lab Tap - Fluoride	Mitchell Sarney	7:45:00 AM	234183	3.7	0.79	+/- 0.02
11/10/2023	F-1cl	35: Plant Lab Tap - Fluoride	Wayne Elley	8:06:00 AM	234283	6	0.83	+/- 0.02
18/10/2023	F-2cl	35: Plant Lab Tap - Fluoride	Phillip MacDonald	7:40:00 AM	234409	7.8	0.83	+/- 0.02
25/10/2023	F-3cl	35: Plant Lab Tap - Fluoride	Tama Te-Whata	7:49:00 AM	234498	5.6	0.81	+/- 0.02
Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for Water Treatment).						Analysed by the KCDC Laboratory		

Notes

The Laboratory had no control over the conditions of collection of the samples.
 The method of analysis - Ion Selective Electrode as described in APHA - Standard methods for the examination of water and wastewater, American Public Health Association, 24rd Edition 2023. Section 4500-F C.
 The Water Services (Drinking Water Standards for New Zealand) Regulations 2022 , MAV (maximum allowable value) 1.5 mg/L
 The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons is 0.7 - 1.0 mg/L
 Any queries relating to this report should be addressed to the Laboratory Manager.

RECEIVED BY :  Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae Action Needed:	DATE: 1/11/2023	REPORTED BY:  Kim Mazur, Laboratory Manager KCDC LABORATORY, Fyfeplace, Paraparaumu	DATE: 1/11/2023
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LabOnline Supplementary Information

Tab: 35: Plant Lab Tap - Fluoride

Plant: Waikanae

Tab: 35: Plant Lab Tap - Fluoride

Subgroup: Supplementary Information

Parameter: Sample Purpose

Units:

Operations Min:

Operations Max:

Trigger Min:

Trigger Max:

92% Min:

92% Max:

95% Min:

95% Max:

98% Min:

98% Max:

99% Min:

99% Max:

Medium Min:

Medium Max:

Sample Month:

Days Between Samples:

Description:

Sample ID

Sample ID	Description
KAPITI-5257	1. Scheduled
KAPITI-5225	1. Scheduled
KAPITI-5175	1. Scheduled
KAPITI-5152	1. Scheduled
KAPITI-5122	1. Scheduled
KAPITI-5088	1. Scheduled
KAPITI-5061	1. Scheduled
KAPITI-5038	1. Scheduled
KAPITI-5017	1. Scheduled
KAPITI-4975	1. Scheduled
KAPITI-4937	1. Scheduled
KAPITI-4896	1. Scheduled
KAPITI-4880	1. Scheduled
KAPITI-4847	1. Scheduled
KAPITI-4823	1. Scheduled
KAPITI-4789	1. Scheduled
KAPITI-4770	1. Scheduled
KAPITI-4740	1. Scheduled
KAPITI-4713	1. Scheduled
KAPITI-4677	1. Scheduled
KAPITI-4638	1. Scheduled
KAPITI-4618	1. Scheduled
KAPITI-4589	1. Scheduled
KAPITI-4624	1. Scheduled

KAPITI-4530	1. Scheduled
KAPITI-4502	1. Scheduled
KAPITI-4478	1. Scheduled
KAPITI-4459	1. Scheduled
KAPITI-4419	1. Scheduled
KAPITI-4374	1. Scheduled
KAPITI-4356	1. Scheduled
KAPITI-4326	1. Scheduled
KAPITI-4309	1. Scheduled
KAPITI-4261	1. Scheduled
KAPITI-4243	1. Scheduled
KAPITI-4196	1. Scheduled
KAPITI-4175	1. Scheduled
KAPITI-4142	1. Scheduled
KAPITI-4122	1. Scheduled
KAPITI-4098	1. Scheduled
KAPITI-4071	1. Scheduled
KAPITI-4030	1. Scheduled
KAPITI-4006	1. Scheduled
KAPITI-3982	1. Scheduled
KAPITI-3947	1. Scheduled
KAPITI-3928	1. Scheduled
KAPITI-3878	1. Scheduled
KAPITI-3843	1. Scheduled
KAPITI-3808	1. Scheduled
KAPITI-3785	1. Scheduled
KAPITI-3762	1. Scheduled
KAPITI-3736	1. Scheduled
KAPITI-3712	1. Scheduled
KAPITI-3688	1. Scheduled
KAPITI-3639	1. Scheduled
KAPITI-3607	1. Scheduled

KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT

November 2023

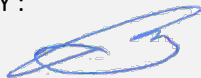

REPORT NO: NOV234592
 Client: KCDC Bulk Water Supply Priority 2 Determinand
 Water Sample Analysis: Monthly Fluoride
 Version 15 created 27 June 2023

RESULTS:

Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Pilot Sample Temp Taken by Lab Staff °C	Result mg/L	95% Confidence mg/L
1/11/2023	F-4cl	35: Plant Lab Tap - Fluoride	Mitchell Sarney	7:50:00 AM	234592	5.9	0.76	+/- 0.02
8/11/2023	F-5cl	35: Plant Lab Tap - Fluoride	Wayne Elley	8:11:00 AM	234701	7.2	0.79	+/- 0.02
15/11/2023	F-6cl	35: Plant Lab Tap - Fluoride	Phillip MacDonald	7:35:00 AM	234834	5.3	0.81	+/- 0.02
22/11/2023	F-7cl	35: Plant Lab Tap - Fluoride	Tama Te-Whata	7:42:00 AM	234951	9.2	0.80	+/- 0.02
29/11/2023	F-8cl	35: Plant Lab Tap - Fluoride	Mitchell Sarney	7:44:00 AM	235064	4.6	0.82	+/- 0.02
Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for Water Treatment).						Analysed by the KCDC Laboratory		

Notes

The Laboratory had no control over the conditions of collection of the samples.
 The method of analysis - Ion Selective Electrode as described in APHA - Standard methods for the examination of water and wastewater, American Public Health Association, 24rd Edition 2023. Section 4500-F C.
 The Water Services (Drinking Water Standards for New Zealand) Regulations 2022 , MAV (maximum allowable value) 1.5 mg/L
 The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons is 0.7 - 1.0 mg/L
 Any queries relating to this report should be addressed to the Laboratory Manager.

RECEIVED BY : 	DATE: 4/12/2023	REPORTED BY: 	DATE: 4/12/2023
Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae Action Needed:		Kim Mazur, Laboratory Manager KCDC LABORATORY, Fyterfield Place, Paraparaumu	

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LabOnline Supplementary Information

Tab: 35: Plant Lab Tap - Fluoride

Plant: Waikanae

Tab: 35: Plant Lab Tap - Fluoride

Subgroup: Supplementary Information

Parameter: Sample Purpose

Units:

Operations Min:

Operations Max:

Trigger Min:

Trigger Max:

92% Min:

92% Max:

95% Min:

95% Max:

98% Min:

98% Max:

99% Min:

99% Max:

Medium Min:

Medium Max:

Sample Month:

Days Between Samples:

Description:

Sample ID

Sample ID	Description
KAPITI-5387	1. Scheduled
KAPITI-5362	1. Scheduled
KAPITI-5336	1. Scheduled
KAPITI-5297	1. Scheduled
KAPITI-5275	1. Scheduled
KAPITI-5257	1. Scheduled
KAPITI-5225	1. Scheduled
KAPITI-5175	1. Scheduled
KAPITI-5152	1. Scheduled
KAPITI-5122	1. Scheduled
KAPITI-5088	1. Scheduled
KAPITI-5061	1. Scheduled
KAPITI-5038	1. Scheduled
KAPITI-5017	1. Scheduled
KAPITI-4975	1. Scheduled
KAPITI-4937	1. Scheduled
KAPITI-4896	1. Scheduled
KAPITI-4880	1. Scheduled
KAPITI-4847	1. Scheduled
KAPITI-4823	1. Scheduled
KAPITI-4789	1. Scheduled
KAPITI-4770	1. Scheduled
KAPITI-4740	1. Scheduled
KAPITI-4713	1. Scheduled

KAPITI-4677	1. Scheduled
KAPITI-4638	1. Scheduled
KAPITI-4618	1. Scheduled
KAPITI-4589	1. Scheduled
KAPITI-4624	1. Scheduled
KAPITI-4530	1. Scheduled
KAPITI-4502	1. Scheduled
KAPITI-4478	1. Scheduled
KAPITI-4459	1. Scheduled
KAPITI-4419	1. Scheduled
KAPITI-4374	1. Scheduled
KAPITI-4356	1. Scheduled
KAPITI-4326	1. Scheduled
KAPITI-4309	1. Scheduled
KAPITI-4261	1. Scheduled
KAPITI-4243	1. Scheduled
KAPITI-4196	1. Scheduled
KAPITI-4175	1. Scheduled
KAPITI-4142	1. Scheduled
KAPITI-4122	1. Scheduled
KAPITI-4098	1. Scheduled
KAPITI-4071	1. Scheduled
KAPITI-4030	1. Scheduled
KAPITI-4006	1. Scheduled
KAPITI-3982	1. Scheduled
KAPITI-3947	1. Scheduled
KAPITI-3928	1. Scheduled
KAPITI-3878	1. Scheduled
KAPITI-3843	1. Scheduled
KAPITI-3808	1. Scheduled
KAPITI-3785	1. Scheduled
KAPITI-3762	1. Scheduled
KAPITI-3736	1. Scheduled

KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT

December 2023



REPORT NO: DEC235200
 Client: KCDC Bulk Water Supply Priority 2 Determinand
 Water Sample Analysis: Monthly Fluoride
 Version 15 created 27 June 2023

RESULTS:

Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Sample Temp Taken by Lab Staff °C	Result mg/L	95% Confidence mg/L
6/12/2023	F-9cl	35: Plant Lab Tap - Fluoride	Wayne Elley	7:01:00 AM	235200	8.5	0.78	+/- 0.02
13/12/2023	F-10cl	35: Plant Lab Tap - Fluoride	Mitchell Sarney	7:34:00 AM	235317	5	0.83	+/- 0.02
20/12/2023	F-11cl	35: Plant Lab Tap - Fluoride	Wayne Elley	7:47:00 AM	235462	11.5	0.82	+/- 0.02
27/12/2023	F-12cl	35: Plant Lab Tap - Fluoride	Mitchell Sarney	7:02:00 AM	235537	5.5	0.81	+/- 0.02
Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for Water Treatment).						Analysed by the KCDC Laboratory		

Notes

The Laboratory had no control over the conditions of collection of the samples.
 The method of analysis - Ion Selective Electrode as described in APHA - Standard methods for the examination of water and wastewater, American Public Health Association, 24rd Edition 2023. Section 4500-F C.
 The Water Services (Drinking Water Standards for New Zealand) Regulations 2022 , MAV (maximum allowable value) 1.5 mg/L
 The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons is 0.7 - 1.0 mg/L
 Any queries relating to this report should be addressed to the Laboratory Manager.

RECEIVED BY : 	DATE: 31/12/2023	REPORTED BY: 	DATE: 28/12/2023
Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae Action Needed:		Kim Mazur, Laboratory Manager KCDC LABORATORY, Fyterfield Place, Paraparaumu	

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LabOnline Supplementary Information

Tab: 35: Plant Lab Tap - Fluoride

Plant: Waikanae

Tab: 35: Plant Lab Tap - Fluoride

Subgroup: Supplementary Information

Parameter: Sample Purpose

Units:

Operations Min:

Operations Max:

Trigger Min:

Trigger Max:

92% Min:

92% Max:

95% Min:

95% Max:

98% Min:

98% Max:

99% Min:

99% Max:

Medium Min:

Medium Max:

Sample Month:

Days Between Samples:

Description:

Sample ID

Sample ID	Description
KAPITI-5515	1. Scheduled
KAPITI-5490	1. Scheduled
KAPITI-5444	1. Scheduled
KAPITI-5418	1. Scheduled
KAPITI-5387	1. Scheduled
KAPITI-5362	1. Scheduled
KAPITI-5336	1. Scheduled
KAPITI-5297	1. Scheduled
KAPITI-5275	1. Scheduled
KAPITI-5257	1. Scheduled
KAPITI-5225	1. Scheduled
KAPITI-5175	1. Scheduled
KAPITI-5152	1. Scheduled
KAPITI-5122	1. Scheduled
KAPITI-5088	1. Scheduled
KAPITI-5061	1. Scheduled
KAPITI-5038	1. Scheduled
KAPITI-5017	1. Scheduled
KAPITI-4975	1. Scheduled
KAPITI-4937	1. Scheduled
KAPITI-4896	1. Scheduled
KAPITI-4880	1. Scheduled
KAPITI-4847	1. Scheduled
KAPITI-4823	1. Scheduled

KAPITI-4789	1. Scheduled
KAPITI-4770	1. Scheduled
KAPITI-4740	1. Scheduled
KAPITI-4713	1. Scheduled
KAPITI-4677	1. Scheduled
KAPITI-4638	1. Scheduled
KAPITI-4618	1. Scheduled
KAPITI-4589	1. Scheduled
KAPITI-4624	1. Scheduled
KAPITI-4530	1. Scheduled
KAPITI-4502	1. Scheduled
KAPITI-4478	1. Scheduled
KAPITI-4459	1. Scheduled
KAPITI-4419	1. Scheduled
KAPITI-4374	1. Scheduled
KAPITI-4356	1. Scheduled
KAPITI-4326	1. Scheduled
KAPITI-4309	1. Scheduled
KAPITI-4261	1. Scheduled
KAPITI-4243	1. Scheduled
KAPITI-4196	1. Scheduled
KAPITI-4175	1. Scheduled
KAPITI-4142	1. Scheduled
KAPITI-4122	1. Scheduled
KAPITI-4098	1. Scheduled
KAPITI-4071	1. Scheduled
KAPITI-4030	1. Scheduled
KAPITI-4006	1. Scheduled
KAPITI-3982	1. Scheduled
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KAPITI-3928	1. Scheduled
KAPITI-3878	1. Scheduled