

OIR: 2324/961

13 June 2024



Tēnā koe ,

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	Result	95% Confidence
						°C	mg/L	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			
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

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, Fyfe Field 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

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 °C	Result mg/L	95% Confidence 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:

DATE:17/4/2023

REPORTED BY:



DATE:

13/04/2023

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

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	Result	95% Confidence
						°C	mg/L	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.								
RECEIVED BY : 			DATE: 11/05/2023		REPORTED BY: 		DATE: 10/05/2023	
Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae Action Needed:					Kim Mazur, Laboratory Manager KCDC LABORATORY, Fyfe field 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

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	
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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	Result	95% Confidence
						°C	mg/L	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		REPORTED BY: 		DATE: 5/06/2023	
Bruce Nesbitt, Water Treatment Plants Manager				Kim Mazur, Laboratory Manager				
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae				KCDC LABORATORY, Fyfe field Place, Paraparaumu				
Action Needed:								
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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

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	Result	95% Confidence
						°C	mg/L	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, Fyfe field 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

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	Result	95% Confidence
						°C	mg/L	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:			REPORTED BY:		DATE:
			11/08/2023					11/08/2023
Bruce Nesbitt, Water Treatment Plants Manager						Kim Mazur, Laboratory Manager		
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae						KCDC LABORATORY, Fyfe field Place, Paraparaumu		
Action Needed:								
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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

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	Result	95% Confidence
						°C	mg/L	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:			REPORTED BY:		DATE:
			8/09/2023					8/09/2023
Bruce Nesbitt, Water Treatment Plants Manager						Kim Mazur, Laboratory Manager		
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae						KCDC LABORATORY, Fyfe field Place, Paraparaumu		
Action Needed:								
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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:

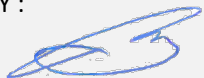

Days Between Samples:

Description:

Sample ID

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	Result	95% Confidence
						°C	mg/L	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, Fyfe field 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

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:		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	Result	95% Confidence
						°C	mg/L	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 :			DATE: 1/11/2023			REPORTED BY:		DATE: 1/11/2023
								
Bruce Nesbitt, Water Treatment Plants Manager						Kim Mazur, Laboratory Manager		
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae						KCDC LABORATORY, Fyfefield Place, Paraparaumu		
Action Needed:								
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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

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	Result	95% Confidence
						°C	mg/L	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, 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:

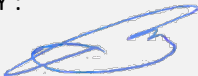

Days Between Samples:

Description:

Sample ID

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	Result	95% Confidence
						°C	mg/L	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:			REPORTED BY:		DATE:	
		31/12/2023					28/12/2023	
Bruce Nesbitt, Water Treatment Plants Manager					Kim Mazur, Laboratory Manager			
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae					KCDC LABORATORY, Fyfe field Place, Paraparaumu			
Action Needed:								
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

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
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KAPITI-3928	1. Scheduled
KAPITI-3878	1. Scheduled