

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     REPORT NO:   JAN230030     Client:   KCDC Bulk Water Supply Priority 2 Determinand					January 202			uary 2023
/ater Sample Analys ESULTS:	515:	Monthly Fluoride						
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
ata collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for water treatment).					Analysed by the KC	DC 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	n 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	e 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:							
29/01/2023	K Marcur 27/01/2023							
Bruce Nesbitt, Water Treatment Plants Manager	Kim Mazur, Laboratory Manager							
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae	KCDC LABORATORY, Fytefield Place, Paraparaumu							
Action Needed:								
This report may not be reproduced except in full.								





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-3350 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



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KAPITI COAST DI	STRICT COL	INCIL LABORATORY REP				Febru	uary 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	Result	95% Confidence
						°C	mg/L	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 K	CDC Laboratory		

Notes								
The Laboratory had no control over the conditions of collection of the samples.	he 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 examinati	ion 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 allowat	ble value) 1.5 mg/L							
The fluoride content recommended for drinking water by the Public Health Commission for oral health reason	ns 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	REPORTED BY: K Marcur DATE: 6/03/202							
63								
Bruce Nesbitt, Water Treatment Plants Manager	Kim Mazur, Laboratory Manager							
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae	KCDC LABORATORY, Fytefield Place, Paraparaumu							
Action Needed:								
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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





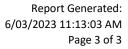
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KAPITI-3472
KAPITI-3447
KAPITI-3429
KAPITI-3375
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KAPITI-3293
KAPITI-3259
KAPITI-3236
KAPITI-3213
KAPITI-3189
KAPITI-3147
KAPITI-3107
KAPITI-3085
KAPITI-3060
KAPITI-3025
KAPITI-2955
KAPITI-2939
KAPITI-2909
KAPITI-2891
KAPITI-2835
KAPITI-2809
KAPITI-2785
KAPITI-2755
KAPITI-2722
KAPITI-2690
KAPITI-2665
KAPITI-2640
KAPITI-2586
KAPITI-2523 KAPITI-2488
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REPORT NO: MAR230903 Client: KCDC Bulk Water Supply Priority 2 Determinand Vater Sample Analysis: Monthly Fluoride								
ESULTS: Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Pilot Sample Temp Taken by Lab Staff	Result	95% Confidenc
						°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
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						n far Selfera		
ata collected by Bulk W	<i>l</i> ater Specialist (tr	ained to NZQA unit standard 17890: for water treatment).	Undertake sampling and	testing procedures		Analysed by the KC	DC Laboratory	

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Notes				
The Laboratory had no control over the conditions of collection of the samples.		U		
The method of analysis - Ion Selective Electrode as described in APHA - Standard me	thods 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, M	VIAV (maximum allowable value) 1.5 mg/L			
The fluoride content recommended for drinking water by the Public Health Commission	n 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: K Marrier DATE: 13/04	/2023		
Bruce Nesbitt, Water Treatment Plants Manager	Kim Mazur, Laboratory Manager			
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae	KCDC LABORATORY, Fytefield Place, Paraparaumu			
Action Needed:				
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APITI COAST DI	STRICT COU	INCIL LABORATORY REP				Ар	ril 2023	
REPORT NO:APR231451Client:KCDC Bulk Water Supply Priority 2 DeterminandWater 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
ata collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures for water treatment).					Analysed by the K0	CDC 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 allowabl	e 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:							
11/05/2023	10/05/2023							
11/05/2023 Bruce Nesbitt, Water Treatment Plants Manager	Kim Mazur, Laboratory Manager							
	10/05/2025							
Bruce Nesbitt, Water Treatment Plants Manager	Kim Mazur, Laboratory Manager							
Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae	Kim Mazur, Laboratory Manager							





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-3736 **KAPITI-3712** KAPITI-3688 KAPITI-3639 KAPITI-3607 KAPITI-3583 KAPITI-3559 KAPITI-3536 KAPITI-3495 KAPITI-3472 KAPITI-3447 KAPITI-3429 KAPITI-3375 KAPITI-3350 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** 

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#### KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT May 2023 **REPORT NO:** MAY231877 Client: **KCDC Bulk Water Supply Priority 2 Determinand** Monthly Fluoride Water Sample Analysis: **RESULTS: Pilot Sample** Time of Temp Taken by Date Sample ID Site Sampler Name Collection Log No. 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 35: Plant Lab Tap - Fluoride Phillip MacDonald 0.78 F-5cj 8:42:00 AM 231977 1.2 +/- 0.02 17/05/2023 35: Plant Lab Tap - Fluoride Simon Fraser 7:15:00 AM 232081 7.4 0.80 +/- 0.02 F-6cj 24/05/2023 F-7cj 35: Plant Lab Tap - Fluoride 8:05:00 AM 232176 5.6 0.78 +/- 0.02 Mitchell Sarney 31/05/2023 35: Plant Lab Tap - Fluoride Phillip MacDonald 7:43:00 AM 232280 3.8 0.79 +/- 0.02 F-8cj Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures Analysed by the KCDC Laboratory for water treatment).

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 examinatio	on of water and was	stewater,		
American Public Health Association, 23rd Edition 2017. Section 4500-F C.				
The Water Services (Drinking Water Standards for New Zealand) Regulations 2022, MAV (maximum allowabl	le 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:	K Marrier	DATE: 5/06/2023	
	REPORTED BY:	K Marcur		
	REPORTED BY: Kim Mazur, Labora			
RECEIVED BY : DATE:06/06/2023	Kim Mazur, Labora		5/06/2023	
RECEIVED BY : DATE:06/06/2023 Bruce Nesbitt, Water Treatment Plants Manager	Kim Mazur, Labora	tory Manager	5/06/2023	
RECEIVED BY : DATE:06/06/2023 Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae	Kim Mazur, Labora	tory Manager	5/06/2023	





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





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KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT			June 2023					
REPORT NO: Client: Vater Sample Analys	sis:	JUN232371 KCDC Bulk Water Supply Priority 2 Determinand 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 V	Vater Specialist (tr	ained to NZQA unit standard 17890: for Water Treatment).	Undertake sampling and	l testing procedures		Analysed by the K0	CDC 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	n 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	e 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:				
11/07/2023	K Marcur 11/07/2023				
Bruce Nesbitt, Water Treatment Plants Manager	Kim Mazur, Laboratory Manager				
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae	KCDC LABORATORY, Fytefield Place, Paraparaumu				
Action Needed:					
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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

eampiers	
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





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KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT			July 2023			ly 2023		
REPORT NO: Client: Water Sample Analys	JUL232827 KCDC Bulk Water Supply Priority 2 Determinand 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 W	√ater Specialist (tr	ained to NZQA unit standard 17890: for Water Treatment).	Undertake sampling an	d testing procedures		Analysed by the K	CDC 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 examinatio	n 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	e value) 1.5 mg/L		
The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons			
Any queries relating to this report should be addressed to the Laboratory Manager.	Ŭ		
RECEIVED BY : DATE:	REPORTED BY: DATE: The Marcus 11/08/2023		
11/08/2023	A 11/08/2023		
Bruce Nesbitt, Water Treatment Plants Manager	Kim Mazur, Laboratory Manager		
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae	KCDC LABORATORY, Fytefield Place, Paraparaumu		
Action Needed:			
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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

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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

Data Powered by:



Report Generated: 11/08/2023 2:30:43 pm Page 2 of 3



NAL 111-+ 1+4 Huri Whakamuri, Ka	Thirowhicardea
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	

Data Powered by: wateroutlook

Report Generated: 11/08/2023 2:30:43 pm Page 3 of 3



#### KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT August 2023 **REPORT NO:** AUG233240 Client: **KCDC Bulk Water Supply Priority 2 Determinand** Version 15 created 27 June 2023 Water Sample Analysis: Monthly Fluoride **RESULTS: Pilot Sample** Time of Temp Taken by Date Sample ID Site Sampler Name Collection Log No. 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 35: Plant Lab Tap - Fluoride Tama Te-Whata 9/08/2023 F-5ck 7:46:00 AM 233325 6.8 0.74 +/- 0.02 16/08/2023 35: Plant Lab Tap - Fluoride Mitchell Sarney 7:42:00 AM 233435 0.77 +/- 0.02 F-6ck 4.2 23/08/2023 35: Plant Lab Tap - Fluoride Phillip MacDonald 7:42:00 AM 233555 3.9 0.78 +/- 0.02 F-7ck 30/08/2023 35: Plant Lab Tap - Fluoride Tama Te-Whata 8:32:00 AM 233663 5.4 0.80 +/- 0.02 F-8ck Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures Analysed by the KCDC Laboratory for Water Treatment).

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 allowab	le value) 1.5 mg/L				
The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons	, 3				
Any queries relating to this report should be addressed to the Laboratory Manager.	J.				
RECEIVED BY : DATE:	REPORTED BY:	1/ 00	DATE:		
RECEIVED BY : DATE: 8/09/2023	REPORTED BY:	K Marcur	DATE: 8/09/2023		
8/09/2023					
8/09/2023 Bruce Nesbitt, Water Treatment Plants Manager	Kim Mazur, Laborato	ory Manager	8/09/2023		
8/09/2023 Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae	Kim Mazur, Laborato		8/09/2023		
8/09/2023 Bruce Nesbitt, Water Treatment Plants Manager	Kim Mazur, Laborato	ory Manager	8/09/2023		
8/09/2023 Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae	Kim Mazur, Laborato KCDC LABORATORY,	ory Manager	8/09/2023		





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

Data Powered by:



Report Generated: 8/09/2023 2:47:14 pm Page 2 of 3



TV-TITI-+50 We Huri Whakamuri, Ka	Theoremedied
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

Data Powered by:



Report Generated: 8/09/2023 2:47:14 pm Page 3 of 3



APITI COAST DI	STRICT COU	INCIL LABORATORY REP	ORT				Septe	mber 2023
EPORT NO: lient: /ater Sample Analys	sis:	SEP233764 KCDC Bulk Water Supply Pr Monthly Fluoride	iority 2 Determinand			Version 15 created :	27 June 2023	
ESULTS:								
Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Pilot Sample Temp Taken by Lab Staff	Result	95% Confidence
						O°	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
ata collected by Bulk W	/ater Specialist (tr	ained to NZQA unit standard 17890: for Water Treatment).	Undertake sampling and	I testing procedures		Analysed by the KC	CDC 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	n 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	e 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: K Marcur 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, Fytefield Place, Paraparaumu
This report may not be reproduced except	in full.





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





Not 111-44 Me Huri Whakamuri, Ka	Theoremean
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

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Report Generated: 3/10/2023 3:15:02 pm Page 3 of 3



APITI COAST DI EPORT NO: ient: ater Sample Analys		INCIL LABORATORY REF OCT234183 KCDC Bulk Water Supply Pr Monthly Fluoride				Version 15 created		ober 2023
ESULTS:	15.	montally r tuonde				Version 10 created	27 June 2025	
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
ata collected by Bulk W	/ater Specialist (tr	ained to NZQA unit standard 17890: for Water Treatment).	Undertake sampling and	testing procedures		Analysed by the KC	CDC 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	n 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	e 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: K Marcur DATE: 1/11/2023			
Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae Action Needed:	Kim Mazur, Laboratory Manager KCDC LABORATORY, Fytefield Place, Paraparaumu			
This report may not be reproduced except	in full.			





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

eample is	
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





TV-TITI-+55 We Huri Whakamuri, Ka	Theoremean
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

Data Powered by: wateroutlook

Report Generated: 1/11/2023 9:49:04 am Page 3 of 3



#### KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT November 2023 **REPORT NO:** NOV234592 Client: **KCDC Bulk Water Supply Priority 2 Determinand** Version 15 created 27 June 2023 Water Sample Analysis: Monthly Fluoride **RESULTS: Pilot Sample** Time of Temp Taken by Date Sample ID Site Sampler Name Collection Log No. 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 35: Plant Lab Tap - Fluoride 0.79 F-5cl Wayne Elley 8:11:00 AM 234701 7.2 +/- 0.02 15/11/2023 F-6cl 35: Plant Lab Tap - Fluoride Phillip MacDonald 7:35:00 AM 234834 0.81 +/- 0.02 5.3 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 7:44:00 AM 235064 4.6 0.82 +/- 0.02 Mitchell Sarney Data collected by Bulk Water Specialist (trained to NZQA unit standard 17890: Undertake sampling and testing procedures Analysed by the KCDC Laboratory for Water Treatment).

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 allowab	le value) 1.5 mg/L			
The fluoride content recommended for drinking water by the Public Health Commission for oral health reasons	s 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:			
4/12/2023	K Marcur 4/12/2023			
Bruce Nesbitt, Water Treatment Plants Manager	Kim Mazur, Laboratory Manager			
Bruce Nesbitt, Water Treatment Plants Manager KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae	Kim Mazur, Laboratory Manager KCDC LABORATORY, Fytefield Place, Paraparaumu			
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae				





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

Data Powered by:

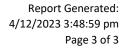


Report Generated: 4/12/2023 3:48:59 pm Page 2 of 3



Me Huri Whakamuri, Ka	Titiro Phikanaia a
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

Data Powered by: wateroutlook





KAPITI COAST DISTRICT COUNCIL LABORATORY REPORT				December 2023				
EPORT NO:DEC235200lient:KCDC Bulk Water Supply Priority 2 Determinand/ater Sample Analysis:Monthly Fluoride				Version 15 created 27 June 2023				
ESULTS:								
Date	Sample ID	Site	Sampler Name	Time of Collection	Log No.	Sample Temp Taken by Lab Staff	Result	95% Confidenc
						O°	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
ata collected by Bulk W	/ater Specialist (tr	ained to NZQA unit standard 17890: for Water Treatment).	Undertake sampling an	d testing procedures		Analysed by the KC	CDC 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	K Marcur 28/12/2023			
Bruce Nesbitt, Water Treatment Plants Manager	Kim Mazur, Laboratory Manager			
KCDC WATER TREATMENT PLANT, 26 Reikorangi Road, Waikanae	KCDC LABORATORY, Fytefield Place, Paraparaumu			
Action Needed:				
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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





TCALIFICATION Me Huri Whakamuri, Ka	Thirowheadled
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

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