

Laura Bowman

From: official information
Sent: Thursday, 28 April 2022 2:17 pm
To: [REDACTED]
Cc: official information
Subject: Final Response - LGOIMA 258914 - [REDACTED] - Results of all fluoride measures from 1 November 2019 to 28 February 2022.
Attachments: Attachment A_ Fluoride Results - 1 November 2019 - 28 February 2022.xlsx

Kia Ora,

I refer to your **information request below**, Hamilton City Council is able to provide the following response.

You requested the following:

“Please provide the results of all fluoride measures of all water supplies under this council's jurisdiction from November 2019 up until 28th February 2022”.

HCC response is as follows:

Refer to attachment A for the results of all fluoride measures of all water supplies under HCC's jurisdiction from November 2019 up until 28th February 2022. The results for fluoride measures at the Taitua Arboretum drinking water supply is completed on an ad-hoc basis. The date range for these sample results start from January 2020.

You have the right to seek an investigation and review by the Ombudsman of this decision. Information about how to make a complaint is available at www.ombudsman.parliament.nz or freephone 0800 802 602.

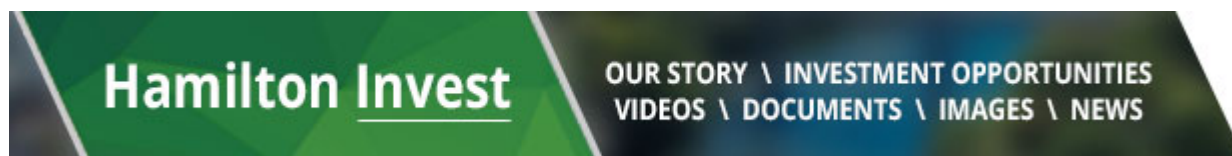
Kind Regards,

Tatiyana

Official Information Team

Legal Services & Risk | People and Organisational Performance

Email: officialinformation@hcc.govt.nz



-----Original Message-----

From: [REDACTED]
Sent: Saturday, 26 March 2022 8:17:10 pm
To: info@hcc.govt.nz
Subject: Official Information request
Hi

Please provide the results of all fluoride measures of all water supplies under this council's jurisdiction from November 2019 up until 28th February 2022.

thanks



Parameter Fluoride
Supply Hamilton (HAM001)
Plant Waiora Treatment Plant (TP00066)
Site Waikato River, Treatment Plant intake
Frequency Sampled quarterly and analysed in a laboratory
Method Ion Selective Electrode
Purpose Source water monitoring

Sample Number	Date	Sampling Time	Result	Units
2020000063	7/01/2020	11:30	0.16	mg/L
2020003882	12/05/2020	10:07	0.18	mg/L
2020005490	7/07/2020	13:04	0.15	mg/L
2020007968	13/10/2020	11:16	0.17	mg/L
2021000253	19/01/2021	13:25	0.19	mg/L
2021002501	20/04/2021	09:30	0.21	mg/L
2021004686	13/07/2021	09:48	0.19	mg/L
2021006900	19/10/2021	10:53	0.28	mg/L
2022000102	11/01/2022	10:00	0.17	mg/L

Parameter	Fluoride
Supply	Hamilton (HAM001)
Plant	Waiora Treatment Plant (TP00066)
Site	Waiora Treatment Plant - at Relift pumps - partially treated water prior to addition of fluoride
Frequency	Sampled twice weekly and analysed in a laboratory
Method	Ion Selective Electrode
Purpose	Process monitoring

Sample Number	Date	Time Sampled	Result	Units
2019009441	5/11/2019	07:56	0.226	mg/L
2019009537	7/11/2019	11:32	0.193	mg/L
2019009663	12/11/2019	14:04	0.269	mg/L
2019009753	14/11/2019	09:42	0.358	mg/L
2019009879	19/11/2019	11:30	0.189	mg/L
2019009977	21/11/2019	11:58	0.411	mg/L
2019010154	26/11/2019	09:20	0.191	mg/L
2019010260	29/11/2019	Not recorded	0.185	mg/L
2019010375	3/12/2019	09:56	0.175	mg/L
2019010479	5/12/2019	10:55	0.199	mg/L
2019010627	10/12/2019	08:28	0.207	mg/L
2019010743	12/12/2019	10:28	0.214	mg/L
2019010849	17/12/2019	09:18	0.276	mg/L
2019010942	19/12/2019	10:51	0.246	mg/L
2019011094	24/12/2019	09:30	0.223	mg/L
2019011116	27/12/2019	08:52	0.197	mg/L
2019011223	31/12/2019	10:40	0.208	mg/L
2019011246	3/01/2020	12:15	0.192	mg/L
2020000064	7/01/2020	11:50	0.198	mg/L
2020000180	9/01/2020	09:53	0.192	mg/L
2020000278	14/01/2020	09:32	0.144	mg/L
2020000370	16/01/2020	08:56	0.137	mg/L
2020000514	21/01/2020	09:40	0.151	mg/L
2020000621	23/01/2020	10:04	0.203	mg/L
2020000709	28/01/2020	09:58	0.191	mg/L
2020000812	30/01/2020	13:32	0.159	mg/L
2020000954	4/02/2020	11:45	0.176	mg/L
2020001068	7/02/2020	10:45	0.188	mg/L
2020001222	11/02/2020	10:40	0.178	mg/L
2020001344	13/02/2020	11:15	0.191	mg/L
2020001469	18/02/2020	08:56	0.258	mg/L
2020001582	20/02/2020	09:52	0.322	mg/L
2020001769	25/02/2020	11:26	0.162	mg/L
2020001860	27/02/2020	12:20	0.193	mg/L
2020002014	3/03/2020	12:04	0.172	mg/L
2020002092	5/03/2020	09:48	0.158	mg/L
2020002231	10/03/2020	08:20	0.18	mg/L
2020002318	12/03/2020	12:00	0.161	mg/L
2020002455	17/03/2020	12:05	0.189	mg/L
2020002595	19/03/2020	09:51	0.199	mg/L
2020002738	24/03/2020	08:15	0.781	mg/L
2020002822	26/03/2020	08:44	0.169	mg/L
2020002922	31/03/2020	09:00	0.188	mg/L
2020002997	2/04/2020	10:09	0.19	mg/L
2020003108	7/04/2020	09:20	0.167	mg/L
2020003143	9/04/2020	10:11	0.168	mg/L

2020003205	14/04/2020	11:55	0.182	mg/L
2020003305	16/04/2020	09:55	0.169	mg/L
2020003400	21/04/2020	10:31	0.166	mg/L
2020003470	23/04/2020	08:45	0.157	mg/L
2020003527	28/04/2020	10:09	0.175	mg/L
2020003602	30/04/2020	10:21	0.177	mg/L
2020003715	5/05/2020	09:16	0.157	mg/L
2020003782	7/05/2020	09:26	0.185	mg/L
2020003883	12/05/2020	10:18	0.17	mg/L
2020003942	14/05/2020	07:40	0.169	mg/L
2020004083	19/05/2020	08:26	0.17	mg/L
2020004162	21/05/2020	10:23	0.184	mg/L
2020004313	26/05/2020	09:46	0.177	mg/L
2020004402	28/05/2020	09:48	0.17	mg/L
2020004537	2/06/2020	09:18	0.148	mg/L
2020004789	9/06/2020	10:47	0.185	mg/L
2020004963	16/06/2020	10:42	0.195	mg/L
2020005135	23/06/2020	10:40	0.182	mg/L
2020005298	30/06/2020	10:01	0.228	mg/L
2020005491	7/07/2020	13:20	0.13	mg/L
2020005641	14/07/2020	13:12	0.289	mg/L
2020005850	21/07/2020	11:37	0.267	mg/L
2020006036	28/07/2020	08:12	0.173	mg/L
2020006175	4/08/2020	12:18	0.21	mg/L
2020006325	12/08/2020	09:59	0.175	mg/L
2020006493	18/08/2020	09:46	0.208	mg/L
2020006647	25/08/2020	10:44	0.247	mg/L
2020006843	1/09/2020	11:21	0.22	mg/L
2020007041	8/09/2020	08:13	0.146	mg/L
2020007283	16/09/2020	08:40	0.142	mg/L
2020007498	22/09/2020	10:05	0.211	mg/L
2020007674	29/09/2020	08:50	0.164	mg/L
2020007840	6/10/2020	09:10	0.154	mg/L
2020007969	13/10/2020	10:53	0.15	mg/L
2020008135	20/10/2020	09:40	0.186	mg/L
2020008266	27/10/2020	11:24	0.199	mg/L
2020008440	3/11/2020	08:26	0.138	mg/L
2020008589	10/11/2020	10:16	0.161	mg/L
2020008750	17/11/2020	08:57	0.163	mg/L
2020008895	24/11/2020	11:32	0.16	mg/L
2020009063	1/12/2020	08:55	0.168	mg/L
2020009271	8/12/2020	10:29	0.135	mg/L
2020009491	15/12/2020	10:48	0.197	mg/L
2020009682	22/12/2020	08:53	0.115	mg/L
2020009766	29/12/2020	08:33	0.12	mg/L
2020009879	5/01/2021	10:15	0.14	mg/L
2021000112	12/01/2021	10:24	0.15	mg/L
2021000254	19/01/2021	13:15	0.18	mg/L
2021000396	26/01/2021	10:30	0.177	mg/L
2021000541	2/02/2021	13:38	0.171	mg/L
2021000680	9/02/2021	13:37	0.18	mg/L
2021000829	16/02/2021	11:40	0.193	mg/L
2021000982	23/02/2021	09:56	0.168	mg/L
2021001160	2/03/2021	11:34	0.202	mg/L
2021001329	9/03/2021	11:59	0.201	mg/L

[illegible]

Parameter Fluoride
Supply Hamilton (HAM001)
Plant Waiora Treatment Plant (TP00066)
Site Waiora Treatment Plant - Post UV - immediately after addition of fluoride
Frequency Sampled twice weekly and analysed in a laboratory
Method Ion Selective Electrode
Purpose Process monitoring

Sample Number	Date	Time Sampled	Result	Units
2019009442	5/11/2019	07:57	0.849	mg/L
2019009538	7/11/2019	11:30	0.804	mg/L
2019009664	12/11/2019	14:02	0.974	mg/L
2019009754	14/11/2019	09:43	0.877	mg/L
2019009880	19/11/2019	11:30	0.849	mg/L
2019009978	21/11/2019	11:54	0.743	mg/L
2019010155	26/11/2019	09:21	0.785	mg/L
2019010261	28/11/2019	11:11	0.642	mg/L
2019010376	3/12/2019	09:58	0.192	mg/L
2019010480	5/12/2019	10:55	0.744	mg/L
2019010628	10/12/2019	08:26	0.776	mg/L
2019010744	12/12/2019	10:30	0.813	mg/L
2019010850	17/12/2019	09:16	0.818	mg/L
2019010943	19/12/2019	10:51	0.836	mg/L
2019011095	24/12/2019	09:30	0.821	mg/L
2019011117	27/12/2019	08:50	0.877	mg/L
2019011224	31/12/2019	10:40	0.777	mg/L
2019011247	3/01/2020	12:15	0.762	mg/L
2020000065	7/01/2020	11:41	0.817	mg/L
2020000181	9/01/2020	09:55	0.762	mg/L
2020000279	14/01/2020	09:30	0.753	mg/L
2020000371	16/01/2020	08:56	0.693	mg/L
2020000515	21/01/2020	09:41	0.581	mg/L
2020000622	23/01/2020	10:02	0.756	mg/L
2020000710	28/01/2020	09:59	0.782	mg/L
2020000813	30/01/2020	13:30	0.897	mg/L
2020000955	4/02/2020	11:45	0.866	mg/L
2020001069	7/02/2020	10:43	0.861	mg/L
2020001223	11/02/2020	10:40	0.851	mg/L
2020001345	13/02/2020	11:15	0.839	mg/L
2020001470	18/02/2020	08:56	1.050	mg/L
2020001583	20/02/2020	09:52	0.800	mg/L
2020001770	25/02/2020	11:24	0.862	mg/L
2020001861	27/02/2020	12:30	0.760	mg/L
2020002015	3/03/2020	12:02	0.889	mg/L
2020002093	5/03/2020	09:52	0.802	mg/L
2020002232	10/03/2020	08:20	0.774	mg/L
2020002319	12/03/2020	12:00	0.730	mg/L
2020002456	17/03/2020	12:05	0.770	mg/L
2020002596	19/03/2020	09:50	0.776	mg/L

2020002739	24/03/2020	08:15	0.167	mg/L
2020002823	26/03/2020	08:42	0.808	mg/L
2020002923	31/03/2020	09:01	0.867	mg/L
2020002998	2/04/2020	10:07	0.767	mg/L
2020003109	7/04/2020	09:18	0.810	mg/L
2020003144	9/04/2020	10:10	0.755	mg/L
2020003206	14/04/2020	11:55	0.765	mg/L
2020003306	16/04/2020	09:56	0.734	mg/L
2020003401	21/04/2020	10:29	0.685	mg/L
2020003471	23/04/2020	08:46	0.719	mg/L
2020003528	28/04/2020	10:08	0.704	mg/L
2020003603	30/04/2020	10:20	0.778	mg/L
2020003716	5/05/2020	09:15	0.665	mg/L
2020003783	7/05/2020	09:25	0.732	mg/L
2020003884	12/05/2020	10:14	0.790	g/m3
2020003943	14/05/2020	07:40	0.800	mg/L
2020004084	19/05/2020	08:25	0.786	mg/L
2020004163	21/05/2020	10:23	0.852	mg/L
2020004314	26/05/2020	09:45	0.801	mg/L
2020004403	28/05/2020	09:48	0.663	mg/L
2020004538	2/06/2020	09:19	0.786	mg/L
2020004790	9/06/2020	10:50	0.813	mg/L
2020004964	16/06/2020	10:44	0.879	mg/L
2020005136	23/06/2020	10:40	0.819	mg/L
2020005299	30/06/2020	10:00	0.791	mg/L
2020005492	7/07/2020	13:10	0.770	g/m3
2020005642	15/07/2020	10:51	0.902	mg/L
2020005851	21/07/2020	11:39	0.821	mg/L
2020006037	28/07/2020	08:10	0.768	mg/L
2020006176	4/08/2020	12:20	0.799	mg/L
2020006326	12/08/2020	10:01	0.798	mg/L
2020006494	18/08/2020	09:46	0.811	mg/L
2020006648	25/08/2020	10:42	0.782	mg/L
2020006844	1/09/2020	11:19	0.810	mg/L
2020007042	8/09/2020	08:13	0.786	mg/L
2020007284	16/09/2020	08:38	0.683	mg/L
2020007499	22/09/2020	10:05	0.841	mg/L
2020007675	29/09/2020	08:50	0.720	mg/L
2020007841	6/10/2020	09:10	0.761	mg/L
2020007970	13/10/2020	10:53	0.560	g/m3
2020008136	20/10/2020	09:40	0.169	mg/L
2020008267	27/10/2020	11:22	0.824	mg/L
2020008442	3/11/2020	08:26	0.855	mg/L
2020008590	10/11/2020	10:16	0.742	mg/L
2020008751	17/11/2020	08:55	0.722	mg/L
2020008896	24/11/2020	11:32	0.803	mg/L
2020009065	1/12/2020	08:57	0.747	mg/L
2020009272	8/12/2020	10:29	0.151	mg/L
2020009492	15/12/2020	10:45	0.699	mg/L
2020009683	22/12/2020	08:53	0.581	mg/L

2020009767	29/12/2020	08:33	0.563	mg/L
2020009881	5/01/2021	10:16	0.673	mg/L
2021000113	12/01/2021	10:24	0.698	mg/L
2021000255	19/01/2021	12:55	0.760	g/m3
2021000397	26/01/2021	10:28	0.645	mg/L
2021000542	2/02/2021	13:37	0.704	mg/L
2021000681	9/02/2021	13:38	0.722	mg/L
2021000830	16/02/2021	11:45	0.711	mg/L
2021000983	23/02/2021	09:55	0.741	mg/L
2021001162	2/03/2021	11:34	0.653	mg/L
2021001330	9/03/2021	11:59	0.899	mg/L
2021001623	16/03/2021	10:25	0.521	mg/L
2021001856	23/03/2021	11:58	0.746	mg/L
2021002051	30/03/2021	12:54	0.675	mg/L
2021002166	6/04/2021	08:30	0.188	mg/L
2021002333	13/04/2021	11:30	0.726	mg/L
2021002504	20/04/2021	09:50	0.780	g/m3
2021002611	27/04/2021	10:00	0.701	mg/L
2021002772	4/05/2021	11:13	0.449	mg/L
2021002904	11/05/2021	09:05	0.802	mg/L
2021003096	18/05/2021	10:20	0.806	mg/L
2021003277	25/05/2021	09:50	0.741	mg/L
2021003471	1/06/2021	10:15	0.605	mg/L
2021003649	8/06/2021	10:51	0.646	mg/L
2021003921	15/06/2021	09:30	0.764	mg/L
2021004111	22/06/2021	10:27	0.761	mg/L
2021004297	29/06/2021	09:19	0.809	mg/L
2021004488	6/07/2021	10:35	0.769	mg/L
2021004688	13/07/2021	10:45	0.660	g/m3
2021004866	20/07/2021	09:43	0.733	mg/L
2021005041	27/07/2021	13:10	0.698	mg/L
2021005243	3/08/2021	10:35	0.144	mg/L
2021005412	10/08/2021	13:30	0.120	mg/L
2021005642	17/08/2021	10:00	0.142	mg/L
2021006133	14/09/2021	09:20	0.133	mg/L
2021006319	21/09/2021	12:17	0.139	mg/L
2021006533	28/09/2021	12:23	0.168	mg/L
2021006902	19/10/2021	10:57	0.810	g/m3
2021007621	23/11/2021	12:13	0.735	mg/L
2021007805	30/11/2021	10:20	0.496	mg/L
2021008044	7/12/2021	09:01	0.831	mg/L
2021008234	14/12/2021	11:49	0.148	mg/L
2021008401	21/12/2021	10:43	0.827	mg/L
2022000105	11/01/2022	10:45	0.950	g/m3
2022000378	18/01/2022	12:32	0.542	mg/L
2022000590	25/01/2022	12:20	0.733	mg/L

Parameter Fluoride
Supply Hamilton (HAM001)
Plant Waiora Treatment Plant (TP00066)
Site Waiora Traetment Plant - Clear water tank - post addition of fluoride, treated water storage, prior to leaving the plant
Frequency Continuously monitored by two instruments (CWT01 & CWT02)
Purpose Process control (when fluoride ≥0.9mg/L , high alarm activates and fluoride pumps automatically pause, ≥0.95mg/L pumps fault out and operator intervenes to establish cause). Reports are automatically generated by Historian

Day	Minutes Fluoride > 1.5 mg/L (CWT01)	Max Fluoride (CWT01)	Minutes Fluoride > 1.5 mg/L (CWT02)	Max Fluoride (CWT02)	Minutes Fluoride Added
2019					
1-Nov	0.00	0.97	0.00	0.88	1398.05
2-Nov	0.00	0.89	0.00	0.85	1440.00
3-Nov	0.00	0.89	0.00	0.84	1440.00
4-Nov	0.00	0.90	0.00	0.88	1440.00
5-Nov	0.00	0.92	0.00	0.89	1437.18
6-Nov	0.00	1.00	0.00	1.00	1394.49
7-Nov	0.00	1.03	0.00	1.07	1321.66
8-Nov	0.00	0.99	0.00	1.01	1408.40
9-Nov	0.00	0.86	0.00	0.89	1440.00
10-Nov	0.00	0.86	0.00	0.88	1238.37
11-Nov	0.00	0.87	0.00	0.88	1440.00
12-Nov	0.00	0.97	0.00	0.99	1426.52
13-Nov	0.00	0.89	0.00	0.90	1440.00
14-Nov	0.00	0.74	0.00	0.76	1440.00
15-Nov	0.00	0.80	0.00	0.81	1440.00
16-Nov	0.00	0.76	0.00	0.75	1440.00
17-Nov	0.00	0.85	0.00	0.83	1438.51
18-Nov	0.00	0.84	0.00	0.82	1440.00
19-Nov	0.00	0.76	0.00	0.74	1440.00
20-Nov	0.00	0.83	0.00	0.83	1440.00
21-Nov	0.00	0.85	0.00	0.86	1440.00
22-Nov	0.00	0.83	0.00	0.86	1440.00
23-Nov	0.00	0.88	0.00	0.91	1439.71
24-Nov	0.00	0.93	0.00	1.01	1257.62
25-Nov	0.00	0.86	0.00	0.92	1381.21
26-Nov	0.00	0.94	0.00	1.05	1230.85
27-Nov	0.00	0.94	0.00	0.96	1425.85
28-Nov	0.00	0.92	0.00	0.92	1417.94
29-Nov	0.00	0.95	0.00	0.98	1415.88
30-Nov	0.00	0.90	0.00	0.91	1438.84
1-Dec	0.00	0.79	0.00	0.80	1440.00
2-Dec	0.00	0.77	0.00	0.78	1440.00
3-Dec	0.00	0.91	0.00	0.95	1203.34
4-Dec	0.00	0.93	0.00	0.91	1418.99
5-Dec	0.00	0.94	0.00	0.90	1395.28
6-Dec	0.00	0.94	0.00	0.92	1362.56
7-Dec	0.00	0.93	0.00	0.93	1415.85
8-Dec	0.00	0.93	0.00	0.93	1426.75
9-Dec	0.00	0.89	0.00	0.92	1439.69
10-Dec	0.00	0.90	0.00	0.94	1440.00
11-Dec	0.00	0.80	0.00	0.80	1440.00
12-Dec	0.00	0.82	0.00	0.78	1440.00
13-Dec	0.00	0.82	0.00	0.80	1440.00
14-Dec	0.00	0.76	0.00	0.75	1440.00
15-Dec	0.00	0.76	0.00	0.77	1440.00
16-Dec	0.00	0.85	0.00	0.80	1440.00
17-Dec	0.00	0.79	0.00	0.79	1440.00
18-Dec	0.00	0.85	0.00	0.88	1341.21
19-Dec	0.00	0.89	0.00	0.90	1373.32
20-Dec	0.00	0.88	0.00	0.90	1434.76
21-Dec	0.00	0.91	0.00	0.93	1438.19
22-Dec	0.00	0.89	0.00	0.90	1440.00
23-Dec	0.00	0.88	0.00	0.90	1440.00
24-Dec	0.00	0.91	0.00	0.92	1439.79
25-Dec	0.00	0.91	0.00	0.94	1378.54
26-Dec	0.00	0.88	0.00	0.92	1440.00
27-Dec	0.00	0.87	0.00	0.92	1418.24
28-Dec	0.00	0.86	0.00	0.92	1439.84
29-Dec	0.00	0.85	0.00	0.92	1439.69
30-Dec	0.00	0.88	0.00	0.91	1400.63
31-Dec	0.00	0.88	0.00	0.91	1440.00
2020					
1-Jan	0.00	0.92	0.00	0.98	1421.38
2-Jan	0.00	0.98	0.00	1.04	1383.99
3-Jan	0.00	0.88	0.00	0.92	1440.00
4-Jan	0.00	0.89	0.00	0.94	1421.58
5-Jan	0.00	0.91	0.00	0.97	1431.60
6-Jan	0.00	0.85	0.00	0.89	1440.00
7-Jan	0.00	0.90	0.00	0.89	1440.00
8-Jan	0.00	0.89	0.00	0.91	1440.00
9-Jan	0.00	0.87	0.00	0.90	1440.00
10-Jan	0.00	0.95	0.00	0.97	1425.73
11-Jan	0.00	0.88	0.00	0.89	1440.00
12-Jan	0.00	0.96	0.00	1.00	1239.29
13-Jan	0.00	0.98	0.00	1.02	1421.95
14-Jan	0.00	0.96	0.00	0.99	1432.57
15-Jan	0.00	0.80	0.00	0.81	1440.00
16-Jan	0.00	0.81	0.00	0.80	1440.00
17-Jan	0.00	0.86	0.00	0.86	1440.00
18-Jan	0.00	0.85	0.00	0.85	1440.00
19-Jan	0.00	0.85	0.00	0.85	1440.00
20-Jan	0.00	0.84	0.00	0.84	1440.00
21-Jan	0.00	0.80	0.00	0.80	1440.00
22-Jan	0.00	0.85	0.00	0.84	1440.00
23-Jan	0.00	0.82	0.00	0.87	1440.00
24-Jan	0.00	0.86	0.00	0.90	1440.00
25-Jan	0.00	0.86	0.00	0.91	1440.00
26-Jan	0.00	0.86	0.00	0.93	1439.73
27-Jan	0.00	0.74	0.00	0.78	290.49
28-Jan	0.00	0.81	0.00	0.84	177.48
29-Jan	0.00	0.84	0.00	0.87	961.24
30-Jan	0.00	0.83	0.00	0.88	1440.00
31-Jan	0.00	0.86	0.00	0.91	1440.00
1-Feb	0.00	0.85	0.00	0.91	1440.00
2-Feb	0.00	0.84	0.00	0.89	1440.00
3-Feb	0.00	0.85	0.00	0.90	1440.00
4-Feb	0.00	0.92	0.00	0.98	1420.28
5-Feb	0.00	0.92	0.00	0.97	1427.03
6-Feb	0.00	0.92	0.00	0.93	1436.38
7-Feb	0.00	0.86	0.00	0.87	1440.00
8-Feb	0.00	0.84	0.00	0.86	1440.00
9-Feb	0.00	0.84	0.00	0.86	1440.00

10-Feb	0.00	0.82	0.00	0.84	1440.00
11-Feb	0.00	0.88	0.00	0.90	1440.00
12-Feb	0.00	0.78	0.00	0.80	1440.00
13-Feb	0.00	0.75	0.00	0.76	1440.00
14-Feb	0.00	0.87	0.00	0.88	1440.00
15-Feb	0.00	0.71	0.00	0.72	1440.00
16-Feb	0.00	0.74	0.00	0.74	1440.00
17-Feb	0.00	0.72	0.00	0.78	1440.00
18-Feb	0.00	0.88	0.00	0.91	1440.00
19-Feb	0.00	0.92	0.00	0.94	1430.36
20-Feb	0.00	0.92	0.00	0.95	1418.29
21-Feb	0.00	0.88	0.00	0.90	1440.00
22-Feb	0.00	0.91	0.00	0.93	1439.73
23-Feb	0.00	0.80	0.00	0.82	1440.00
24-Feb	0.00	0.80	0.00	0.83	1440.00
25-Feb	0.00	0.82	0.00	0.84	1440.00
26-Feb	0.00	0.72	0.00	0.75	1440.00
27-Feb	0.00	0.70	0.00	0.74	1440.00
28-Feb	0.00	0.73	0.00	0.76	1440.00
29-Feb	0.00	0.80	0.00	0.86	1440.00
1-Mar	0.00	0.76	0.00	0.80	1440.00
2-Mar	0.00	0.76	0.00	0.80	1440.00
3-Mar	0.00	0.78	0.00	0.82	1440.00
4-Mar	0.02	0.77	0.02	0.85	1370.16
5-Mar	0.00	0.89	0.00	0.98	1437.17
6-Mar	0.00	0.76	0.00	0.87	1440.00
7-Mar	0.00	0.74	0.00	0.85	1440.00
8-Mar	0.00	0.74	0.00	0.88	1440.00
9-Mar	0.00	0.71	0.00	0.84	1440.00
10-Mar	0.00	0.74	0.00	0.87	1440.00
11-Mar	0.00	0.78	0.00	0.88	1440.00
12-Mar	0.00	0.78	0.00	0.83	1440.00
13-Mar	0.00	0.77	0.00	0.84	1440.00
14-Mar	0.00	0.76	0.00	0.81	1440.00
15-Mar	0.00	0.80	0.00	0.87	1440.00
16-Mar	0.00	0.84	0.00	0.83	1440.00
17-Mar	0.00	0.84	0.00	0.83	1440.00
18-Mar	0.00	0.84	0.00	0.85	1440.00
19-Mar	0.00	0.83	0.00	0.85	1440.00
20-Mar	0.00	0.84	0.00	0.86	1440.00
21-Mar	0.00	0.82	0.00	0.84	1440.00
22-Mar	0.00	0.81	0.00	0.83	1440.00
23-Mar	0.00	0.78	0.00	0.81	1440.00
24-Mar	0.00	0.78	0.00	0.80	1235.61
25-Mar	0.00	0.78	0.00	0.82	1440.00
26-Mar	0.00	0.77	0.00	0.80	1440.00
27-Mar	0.00	0.76	0.00	0.78	1440.00
28-Mar	0.00	0.77	0.00	0.79	1433.42
29-Mar	0.00	0.77	0.00	0.80	1440.00
30-Mar	0.00	0.80	0.00	0.80	1440.00
31-Mar	0.00	0.79	0.00	0.81	1440.00
1-Apr	0.00	0.77	0.00	0.80	1440.00
2-Apr	0.00	0.79	0.00	0.82	1440.00
3-Apr	0.00	0.81	0.00	0.82	1440.00
4-Apr	0.00	0.80	0.00	0.81	1440.00
5-Apr	0.00	0.80	0.00	0.80	1440.00
6-Apr	0.00	0.82	0.00	0.84	1440.00
7-Apr	0.00	0.78	0.00	0.81	1440.00
8-Apr	0.00	0.80	0.00	0.85	1440.00
9-Apr	0.00	0.86	0.00	0.93	1437.20
10-Apr	0.00	0.76	0.00	0.83	1440.00
11-Apr	0.00	0.77	0.00	0.84	1440.00
12-Apr	0.00	0.79	0.00	0.87	1440.00
13-Apr	0.00	0.74	0.00	0.81	1440.00
14-Apr	0.00	0.76	0.00	0.84	1440.00
15-Apr	0.00	0.82	0.00	0.84	1385.02
16-Apr	0.00	0.79	0.00	0.81	1440.00
17-Apr	0.00	0.81	0.00	0.81	1440.00
18-Apr	0.00	0.80	0.00	0.81	1440.00
19-Apr	0.00	0.82	0.00	0.81	1440.00
20-Apr	0.00	0.80	0.00	0.80	1440.00
21-Apr	0.00	0.87	0.00	0.87	1440.00
22-Apr	0.00	0.78	0.00	0.79	1437.13
23-Apr	0.00	0.81	0.00	0.81	1413.96
24-Apr	0.00	0.79	0.00	0.79	1440.00
25-Apr	0.00	0.80	0.00	0.80	1440.00
26-Apr	0.00	0.80	0.00	0.81	1440.00
27-Apr	0.00	0.80	0.00	0.81	1440.00
28-Apr	0.00	0.81	0.00	0.82	1440.00
29-Apr	0.00	0.79	0.00	0.83	1440.00
30-Apr	0.00	0.81	0.00	0.83	1440.00
1-May	0.00	0.78	0.00	0.81	1440.00
2-May	0.00	0.75	0.00	0.80	1440.00
3-May	0.00	0.78	0.00	0.82	1440.00
4-May	0.00	0.84	0.00	0.82	1440.00
5-May	0.00	0.80	0.00	0.79	1440.00
6-May	0.00	0.83	0.00	0.81	1440.00
7-May	0.00	0.81	0.00	0.80	1440.00
8-May	0.00	0.82	0.00	0.80	1440.00
9-May	0.00	0.82	0.00	0.80	1440.00
10-May	0.00	0.81	0.00	0.81	1440.00
11-May	0.00	0.79	0.00	0.80	1440.00
12-May	0.00	0.78	0.00	0.80	1440.00
13-May	0.00	0.79	0.00	0.81	1440.00
14-May	0.00	0.82	0.00	0.84	1440.00
15-May	0.00	0.78	0.00	0.82	1440.00
16-May	0.00	0.78	0.00	0.81	1440.00
17-May	0.00	0.78	0.00	0.82	1440.00
18-May	0.00	0.78	0.00	0.81	1440.00
19-May	0.00	0.81	0.00	0.85	1195.51
20-May	0.00	0.79	0.00	0.84	1440.00
21-May	0.00	0.81	0.00	0.85	1440.00
22-May	0.00	0.80	0.00	0.81	1440.00
23-May	0.00	0.81	0.00	0.81	1440.00
24-May	0.00	0.83	0.00	0.86	1440.00
25-May	0.00	0.83	0.00	0.84	1437.03
26-May	0.00	0.84	0.00	0.83	1440.00
27-May	0.00	0.82	0.00	0.80	1440.00
28-May	0.00	0.80	0.00	0.81	1440.00
29-May	0.00	0.79	0.00	0.82	1440.00
30-May	0.00	0.78	0.00	0.83	1440.00
31-May	0.00	0.84	0.00	0.87	1432.60
1-Jun	0.00	0.85	0.00	0.87	1375.99

2-Jun	0.00	0.82	0.00	0.85	1440.00
3-Jun	0.00	0.80	0.00	0.77	1023.79
4-Jun	0.00	0.83	0.00	0.81	1268.38
5-Jun	0.00	0.82	0.00	0.79	1440.00
6-Jun	0.00	0.80	0.00	0.77	1440.00
7-Jun	0.00	0.80	0.00	0.76	1440.00
8-Jun	0.00	0.83	0.00	0.80	1308.91
9-Jun	0.00	0.81	0.00	0.81	1440.00
10-Jun	0.00	0.79	0.00	0.80	1184.62
11-Jun	0.00	0.80	0.00	0.81	1440.00
12-Jun	0.00	0.81	0.00	0.84	1405.51
13-Jun	0.00	0.82	0.00	0.84	1440.00
14-Jun	0.00	0.80	0.00	0.81	1440.00
15-Jun	0.00	0.81	0.00	0.81	1440.00
16-Jun	0.00	0.79	0.00	0.81	1440.00
17-Jun	0.00	0.79	0.00	0.81	1440.00
18-Jun	0.00	0.87	0.00	0.94	1438.04
19-Jun	0.00	0.81	0.00	0.89	1440.00
20-Jun	0.00	0.82	0.00	0.81	1440.00
21-Jun	0.00	0.81	0.00	0.85	1426.50
22-Jun	0.00	0.80	0.00	0.81	1391.73
23-Jun	0.00	0.85	0.00	0.84	1440.00
24-Jun	0.00	0.83	0.00	0.81	1440.00
25-Jun	0.00	0.96	0.00	0.84	1438.62
26-Jun	0.00	0.80	0.00	0.84	1420.03
27-Jun	0.00	0.81	0.00	0.86	1440.00
28-Jun	0.00	0.80	0.00	0.87	1440.00
29-Jun	0.00	0.80	0.00	0.86	1440.00
30-Jun	0.00	0.80	0.00	0.86	1440.00
1-Jul	0.00	0.81	0.00	0.86	1440.00
2-Jul	0.00	0.81	0.00	0.87	1424.26
3-Jul	0.00	0.80	0.00	0.84	1406.53
4-Jul	0.00	0.82	0.00	0.79	1440.00
5-Jul	0.00	0.79	0.00	0.81	1430.98
6-Jul	0.00	0.80	0.00	0.83	1440.00
7-Jul	0.00	0.81	0.00	0.87	1440.00
8-Jul	0.00	0.80	0.00	0.83	1440.00
9-Jul	0.00	0.82	0.00	0.84	1440.00
10-Jul	0.00	0.85	0.00	0.83	1440.00
11-Jul	0.00	0.83	0.00	0.82	1440.00
12-Jul	0.00	0.81	0.00	0.81	1404.81
13-Jul	0.00	0.80	0.00	0.81	1440.00
14-Jul	0.00	0.80	0.00	0.91	1389.42
15-Jul	0.00	0.81	0.00	0.86	1045.67
16-Jul	0.00	0.83	0.00	0.89	1440.00
17-Jul	0.00	0.82	0.00	0.83	1440.00
18-Jul	0.00	0.85	0.00	0.86	1344.08
19-Jul	0.00	0.84	0.00	0.89	1440.00
20-Jul	0.00	0.81	0.00	0.85	1440.00
21-Jul	0.00	0.80	0.00	0.88	1440.00
22-Jul	0.00	0.83	0.00	0.91	1440.00
23-Jul	0.02	0.91	0.02	0.93	1437.45
24-Jul	0.00	0.81	0.00	0.82	1440.00
25-Jul	0.00	0.83	0.00	0.84	1440.00
26-Jul	0.00	0.85	0.00	0.83	1440.00
27-Jul	0.00	0.83	0.00	0.81	1440.00
28-Jul	0.00	0.85	0.00	0.82	1440.00
29-Jul	0.00	0.82	0.00	0.83	1397.01
30-Jul	0.00	0.82	0.00	0.83	1425.18
31-Jul	0.00	0.82	0.00	0.81	1440.00
1-Aug	0.00	0.80	0.00	0.80	1376.01
2-Aug	0.00	0.80	0.00	0.80	1440.00
3-Aug	0.00	0.82	0.00	0.83	1440.00
4-Aug	0.00	0.81	0.00	0.81	1440.00
5-Aug	0.00	0.87	0.00	0.84	1440.00
6-Aug	0.00	0.83	0.00	0.81	1440.00
7-Aug	0.00	0.82	0.00	0.83	1440.00
8-Aug	0.00	0.80	0.00	0.81	1440.00
9-Aug	0.00	0.82	0.00	0.81	1440.00
10-Aug	0.00	0.90	0.00	0.87	1423.25
11-Aug	0.00	0.81	0.00	0.82	1431.68
12-Aug	0.00	0.81	0.00	0.82	1431.68
13-Aug	0.00	0.84	0.00	0.82	1440.00
14-Aug	0.00	0.90	0.00	0.83	1440.00
15-Aug	0.00	0.90	0.00	0.83	1440.00
16-Aug	0.00	0.90	0.00	0.83	1440.00
17-Aug	0.00	0.90	0.00	0.83	1440.00
18-Aug	0.00	0.77	0.00	0.83	1440.00
19-Aug	0.00	0.80	0.00	0.95	1419.81
20-Aug	0.00	0.81	0.00	0.95	1306.84
21-Aug	0.00	0.84	0.00	0.86	1440.00
22-Aug	0.00	0.81	0.00	0.84	1440.00
23-Aug	0.00	0.81	0.00	0.84	1440.00
24-Aug	0.00	0.81	0.00	0.84	1432.12
25-Aug	0.00	0.81	0.00	0.84	1432.12
26-Aug	0.00	0.85	0.00	0.88	1440.00
27-Aug	0.00	0.85	0.00	0.88	1440.00
28-Aug	0.00	0.85	0.00	0.88	1440.00
29-Aug	0.00	0.85	0.00	0.88	1440.00
30-Aug	0.00	0.85	0.00	0.88	1440.00
31-Aug	0.00	0.85	0.00	0.88	1440.00
1-Sep	0.00	0.88	0.00	0.87	1440.00
2-Sep	0.00	0.80	0.00	0.81	1440.00
3-Sep	0.00	0.81	0.00	0.81	1440.00
4-Sep	0.00	0.81	0.00	0.82	1440.00
5-Sep	0.00	0.82	0.00	0.83	1440.00
6-Sep	0.00	0.80	0.00	0.86	1440.00
7-Sep	0.00	0.96	0.00	0.82	1440.00
8-Sep	0.00	0.81	0.00	0.82	1440.00
9-Sep	0.00	0.78	0.00	0.80	1440.00
10-Sep	0.00	0.76	0.00	0.82	1440.00
11-Sep	0.00	0.80	0.00	0.82	1440.00
12-Sep	0.00	0.79	0.00	0.81	1440.00
13-Sep	0.00	0.77	0.00	0.81	1440.00
14-Sep	0.00	0.80	0.00	0.87	1440.00
15-Sep	0.00	0.85	0.00	0.91	1291.04
16-Sep	0.00	0.83	0.00	0.80	1440.00
17-Sep	0.00	0.80	0.00	0.80	1440.00
18-Sep	0.00	0.84	0.00	0.85	1440.00
19-Sep	0.00	0.80	0.00	0.79	1440.00
20-Sep	0.00	0.80	0.00	0.77	1440.00
21-Sep	0.00	0.80	0.00	0.77	1440.00
22-Sep	0.00	0.82	0.00	0.78	1440.00
23-Sep	0.00	0.83	0.00	0.82	1440.00

24-Sep	0.00	0.80	0.00	0.99	493.79
25-Sep	0.00	0.81	0.00	0.92	931.75
26-Sep	0.00	0.81	0.00	0.91	1440.00
27-Sep	0.00	0.80	0.00	0.83	1381.24
28-Sep	0.00	0.82	0.00	0.83	1061.59
29-Sep	0.00	0.82	0.00	0.85	1440.00
30-Sep	0.00	0.82	0.00	0.86	1440.00

1-Oct	0.00	0.91	0.00	0.94	1437.12
2-Oct	0.00	0.82	0.00	0.89	1346.04
3-Oct	0.00	0.82	0.00	0.85	1440.00
4-Oct	0.00	0.84	0.00	0.90	1435.68
5-Oct	0.00	0.79	0.00	0.85	1440.00
6-Oct	0.00	0.77	0.00	0.83	1440.00
7-Oct	0.00	0.84	0.00	0.90	1293.58
8-Oct	0.00	0.84	0.00	0.90	1293.58
9-Oct	0.00	0.84	0.00	0.90	1293.58
10-Oct	0.00	0.84	0.00	0.90	1293.58
11-Oct	0.00	0.81	0.00	0.75	1440.00
12-Oct	0.00	0.81	0.00	0.75	1440.00
13-Oct	0.00	0.67	0.00	0.93	1440.00
14-Oct	0.02	0.84	0.02	0.84	1440.00
15-Oct	0.00	0.92	0.00	0.86	1415.23
16-Oct	0.00	0.89	0.00	0.82	1440.00
17-Oct	0.00	0.93	0.00	0.86	1439.76
18-Oct	0.00	0.96	0.00	0.91	1322.98
19-Oct	0.00	0.85	0.00	0.84	1440.00
20-Oct	0.00	0.80	0.00	0.99	1322.78
21-Oct	0.00	0.82	0.00	0.86	1438.84
22-Oct	0.00	0.95	0.00	0.90	1436.60
23-Oct	0.00	0.88	0.00	0.81	1346.59
24-Oct	0.00	0.80	0.00	0.77	1440.00
25-Oct	0.00	0.80	0.00	0.78	1440.00
26-Oct	0.00	0.79	0.00	0.79	1440.00
27-Oct	0.00	0.94	0.00	0.88	1439.01
28-Oct	0.00	0.82	0.00	0.82	1053.34
29-Oct	0.00	0.81	0.00	0.88	1440.00
30-Oct	0.00	0.82	0.00	0.93	1440.00
31-Oct	0.00	0.78	0.00	0.91	1440.00

1-Nov	0.00	0.81	0.00	0.91	1440.00
2-Nov	0.00	0.80	0.00	0.89	1440.00
3-Nov	0.00	0.79	0.00	0.96	1424.47
4-Nov	0.00	0.79	0.00	0.93	1058.26
5-Nov	0.00	0.88	0.00	0.90	1440.00
6-Nov	0.00	0.84	0.00	0.82	1440.00
7-Nov	0.00	0.90	0.00	0.84	1440.00
8-Nov	0.00	0.88	0.00	0.82	1440.00
9-Nov	0.00	0.92	0.00	0.84	1438.62
10-Nov	0.00	0.87	0.00	0.84	1440.00
11-Nov	0.00	0.81	0.00	0.85	1440.00
12-Nov	0.00	0.82	0.00	0.83	1440.00
13-Nov	0.00	0.84	0.00	0.86	1440.00
14-Nov	0.00	0.80	0.00	0.72	1440.00
15-Nov	0.00	0.80	0.00	0.78	1440.00
16-Nov	0.00	0.80	0.00	0.75	1440.00
17-Nov	0.00	0.88	0.00	0.78	1319.68
18-Nov	0.00	0.80	0.00	0.80	1439.74
19-Nov	0.00	0.81	0.00	0.80	1440.00
20-Nov	0.00	0.81	0.00	0.81	1440.00
21-Nov	0.00	0.80	0.00	0.82	1440.00
22-Nov	0.00	0.80	0.00	0.81	1440.00
23-Nov	0.00	0.80	0.00	0.82	1439.88
24-Nov	0.00	0.91	0.30	2.00	1440.00
25-Nov	0.00	0.82	0.00	0.81	1208.81
26-Nov	0.00	0.85	0.00	0.87	1440.00
27-Nov	0.00	1.00	0.00	0.99	1440.00
28-Nov	0.00	0.92	0.00	0.89	1437.34
29-Nov	0.00	0.88	0.00	0.85	1440.00
30-Nov	0.00	0.87	0.00	0.83	1440.00

1-Dec	0.00	0.82	0.00	0.86	1440.00
2-Dec	0.00	0.81	0.00	0.84	1440.00
3-Dec	0.00	0.84	0.00	0.87	1440.00
4-Dec	0.00	0.78	0.00	0.81	1440.00
5-Dec	0.00	0.80	0.00	0.83	1440.00
6-Dec	0.00	0.78	0.00	0.81	1440.00
7-Dec	0.00	0.83	0.00	0.84	1440.00
8-Dec	0.00	0.77	0.00	0.85	1212.60
9-Dec	0.00	0.74	0.00	0.82	1440.00
10-Dec	0.00	0.79	0.00	0.85	1440.00
11-Dec	0.00	0.81	0.00	0.83	1427.47
12-Dec	0.00	0.80	0.00	0.81	1440.00
13-Dec	0.00	0.83	0.00	0.82	1440.00
14-Dec	0.00	0.86	0.00	0.86	1440.00
15-Dec	0.00	0.95	0.00	0.97	1418.91
16-Dec	0.00	0.97	0.00	1.03	1432.23
17-Dec	0.00	0.96	0.00	1.05	1436.32
18-Dec	0.00	0.92	0.00	0.96	1437.39
19-Dec	0.00	0.79	0.00	0.81	1440.00
20-Dec	0.00	0.80	0.00	0.83	1440.00
21-Dec	0.00	0.95	0.00	0.99	1435.76
22-Dec	0.00	0.93	0.00	0.92	1432.77
23-Dec	0.00	0.97	0.00	0.97	1434.14
24-Dec	0.00	0.77	0.00	0.82	1440.00
25-Dec	0.00	0.82	0.00	0.81	1440.00
26-Dec	0.00	0.84	0.00	0.82	1440.00
27-Dec	0.00	0.84	0.00	0.82	1440.00
28-Dec	0.00	0.83	0.00	0.80	1440.00
29-Dec	0.00	0.82	0.00	0.78	1440.00
30-Dec	0.00	0.80	0.00	0.81	1440.00
31-Dec	0.00	0.77	0.00	0.81	1440.00

2021

1-Jan	0.00	0.78	0.00	0.82	1440.00
2-Jan	0.00	0.77	0.00	0.84	1440.00
3-Jan	0.00	0.65	0.00	0.84	1440.00
4-Jan	0.00	0.73	0.00	0.82	1440.00
5-Jan	0.00	0.76	0.00	0.84	1440.00
6-Jan	0.00	0.76	0.00	0.82	1440.00
7-Jan	0.02	0.83	0.02	0.82	1440.00
8-Jan	0.00	0.80	0.00	0.83	1440.00
9-Jan	0.00	0.83	0.00	0.81	1440.00
10-Jan	0.00	0.91	0.00	0.88	1440.00
11-Jan	0.00	0.93	0.00	0.90	1431.55
12-Jan	0.00	0.84	0.00	0.82	1440.00

13-Jan	0.00	0.88	0.00	0.89	1440.00
14-Jan	0.00	0.96	0.00	0.99	1436.83
15-Jan	0.00	0.81	0.00	0.81	1440.00
16-Jan	0.00	0.80	0.00	0.80	1440.00
17-Jan	0.00	0.79	0.00	0.81	1440.00
18-Jan	0.00	0.80	0.00	0.83	1440.00
19-Jan	0.00	0.76	0.00	0.81	1440.00
20-Jan	0.00	0.63	0.00	0.68	1440.00
21-Jan	0.00	0.65	0.00	0.69	1440.00
22-Jan	0.00	0.71	0.00	0.73	1440.00
23-Jan	0.00	0.68	0.00	0.70	1440.00
24-Jan	0.00	0.66	0.00	0.73	1440.00
25-Jan	0.00	0.95	0.82	2.00	1033.38
26-Jan	0.00	0.80	0.00	0.70	1440.00
27-Jan	0.00	0.93	0.00	1.03	1284.40
28-Jan	0.00	0.91	0.00	0.91	1002.00
29-Jan	0.00	0.94	0.00	1.21	1423.12
30-Jan	0.00	0.85	0.00	0.89	1440.00
31-Jan	0.00	0.72	0.00	0.74	1440.00
1-Feb	0.00	0.71	0.00	0.73	1440.00
2-Feb	0.00	0.80	0.00	0.80	1440.00
3-Feb	0.00	0.84	0.00	0.86	1440.00
4-Feb	0.00	0.84	0.00	0.87	1440.00
5-Feb	0.00	0.82	0.00	0.87	1440.00
6-Feb	0.00	0.80	0.00	0.85	1440.00
7-Feb	0.00	0.76	0.00	0.80	1440.00
8-Feb	0.00	0.77	0.00	0.82	1440.00
9-Feb	0.00	0.75	0.00	0.85	1440.00
10-Feb	0.00	0.71	0.00	0.76	1440.00
11-Feb	0.00	0.71	0.00	0.75	1440.00
12-Feb	0.00	0.76	0.00	0.84	1399.92
13-Feb	0.00	0.79	0.00	0.87	1440.00
14-Feb	0.00	0.67	0.00	0.79	1440.00
15-Feb	0.00	0.76	0.00	0.86	1440.00
16-Feb	0.00	0.79	0.00	0.82	1440.00
17-Feb	0.00	0.80	0.00	0.83	1440.00
18-Feb	0.00	0.77	0.00	0.82	1440.00
19-Feb	0.00	0.84	0.00	0.91	1440.00
20-Feb	0.00	0.82	0.00	0.88	1440.00
21-Feb	0.00	0.76	0.00	0.86	1440.00
22-Feb	0.00	0.81	0.00	0.88	1440.00
23-Feb	0.00	0.87	0.00	0.91	1440.00
24-Feb	0.00	0.80	0.00	0.85	1440.00
25-Feb	0.00	0.76	0.00	0.85	1440.00
26-Feb	0.00	0.82	0.00	0.95	1421.78
27-Feb	0.00	0.75	0.00	0.87	1440.00
28-Feb	0.00	0.76	0.00	0.92	1440.00
1-Mar	0.00	0.89	0.00	1.01	1293.53
2-Mar	0.00	0.97	0.00	0.87	1419.04
3-Mar	0.00	0.74	0.00	0.79	1440.00
4-Mar	0.00	0.73	0.00	1.05	1015.20
5-Mar	0.00	0.84	0.00	1.01	938.13
6-Mar	0.00	0.85	0.00	0.92	1439.74
7-Mar	0.00	0.82	0.00	1.02	1270.82
8-Mar	0.00	0.79	0.00	0.83	1440.00
9-Mar	0.00	0.74	0.00	0.78	1440.00
10-Mar	0.00	0.70	0.00	0.77	1439.54
11-Mar	0.00	0.67	0.00	0.90	1411.83
12-Mar	0.00	0.76	0.00	0.83	1440.00
13-Mar	0.00	0.80	0.00	0.90	1440.00
14-Mar	0.00	0.80	0.00	0.89	1440.00
15-Mar	0.00	0.75	0.00	0.88	1440.00
16-Mar	0.00	0.75	0.00	0.98	813.23
17-Mar	0.00	0.80	0.00	1.05	968.49
18-Mar	0.00	0.79	0.00	0.87	1440.00
19-Mar	0.00	0.79	0.00	0.90	1440.00
20-Mar	0.00	0.70	0.00	0.83	1440.00
21-Mar	0.00	0.64	0.00	0.81	1440.00
22-Mar	0.00	0.76	0.00	0.83	1440.00
23-Mar	0.00	0.81	0.00	0.84	1440.00
24-Mar	0.00	0.78	0.00	0.81	1440.00
25-Mar	0.00	0.77	0.00	0.87	1440.00
26-Mar	0.00	0.71	0.00	0.83	1440.00
27-Mar	0.00	0.67	0.00	0.81	1440.00
28-Mar	0.00	0.62	0.00	0.83	1440.00
29-Mar	0.00	0.81	0.00	0.85	1440.00
30-Mar	0.00	0.77	0.00	0.82	1440.00
31-Mar	0.00	0.74	0.00	0.81	1440.00
1-Apr	0.00	0.83	0.00	0.95	1427.38
2-Apr	0.00	0.80	0.00	0.84	1440.00
3-Apr	0.00	0.72	0.00	0.81	1440.00
4-Apr	0.00	0.66	0.00	0.83	1440.00
5-Apr	0.00	0.63	0.00	0.96	1353.77
6-Apr	0.00	0.80	0.00	0.78	869.85
7-Apr	0.02	0.78	0.02	0.84	1009.38
8-Apr	0.00	0.72	0.00	0.81	1440.00
9-Apr	0.00	0.66	0.00	0.82	1440.00
10-Apr	0.00	0.64	0.00	0.82	1440.00
11-Apr	0.00	0.58	0.00	0.84	1440.00
12-Apr	0.00	0.72	0.00	0.85	1440.00
13-Apr	0.00	0.81	0.00	0.83	1440.00
14-Apr	0.00	0.84	0.00	0.82	1440.00
15-Apr	0.00	0.87	0.00	0.82	1440.00
16-Apr	0.00	0.87	0.00	0.81	1440.00
17-Apr	0.00	0.81	0.00	0.74	1440.00
18-Apr	0.00	0.82	0.00	0.75	1440.00
19-Apr	0.00	0.80	0.00	0.85	1440.00
20-Apr	0.00	0.81	0.00	0.87	1440.00
21-Apr	0.00	0.79	0.00	0.81	1264.30
22-Apr	0.00	0.80	0.00	0.81	1440.00
23-Apr	0.00	0.80	0.00	0.80	1440.00
24-Apr	0.00	0.79	0.00	0.76	1440.00
25-Apr	0.00	0.79	0.00	0.77	1440.00
26-Apr	0.00	0.79	0.00	0.76	1440.00
27-Apr	0.00	0.80	0.00	0.88	1440.00
28-Apr	0.00	0.83	0.00	0.89	1409.29
29-Apr	0.00	0.78	0.00	0.81	1440.00
30-Apr	0.00	0.81	0.00	0.82	1440.00
1-May	0.00	0.82	0.00	0.82	1440.00
2-May	0.00	0.84	0.00	0.85	1440.00
3-May	0.00	0.86	0.00	0.82	1440.00
4-May	0.00	0.84	0.00	0.81	1440.00
5-May	0.00	0.82	0.00	0.81	1440.00

6-May	0.00	0.80	0.00	0.80	1440.00
7-May	0.00	0.83	0.00	0.82	1440.00
8-May	0.00	0.80	0.00	0.83	1440.00
9-May	0.00	0.78	0.00	0.83	1440.00
10-May	0.00	0.76	0.00	1.08	1423.42
11-May	0.00	0.74	0.00	0.83	1250.40
12-May	0.00	0.80	0.00	0.82	1252.29
13-May	0.00	0.83	0.00	0.82	1402.60
14-May	0.00	0.84	0.00	0.85	1429.06
15-May	0.00	0.82	0.00	0.84	1440.00
16-May	0.00	0.80	0.00	0.82	1440.00
17-May	0.00	0.79	0.00	0.85	1440.00
18-May	0.00	0.79	0.00	0.89	1440.00
19-May	0.00	0.76	0.00	0.82	1052.51
20-May	0.00	0.73	0.00	0.81	1440.00
21-May	0.00	0.74	0.00	0.80	1440.00
22-May	0.00	0.74	0.00	0.81	1440.00
23-May	0.00	0.74	0.00	0.81	1440.00
24-May	0.00	0.78	0.00	0.81	1440.00
25-May	0.00	0.80	0.00	0.82	1440.00
26-May	0.00	0.84	0.00	0.85	1440.00
27-May	0.00	0.83	0.00	0.84	1440.00
28-May	0.00	0.80	0.00	0.83	1405.38
29-May	0.00	0.77	0.00	0.83	1440.00
30-May	0.00	0.71	0.00	0.83	1440.00
31-May	0.00	0.79	0.00	0.90	1440.00
1-Jun	0.00	0.81	0.00	0.97	1309.18
2-Jun	0.00	0.87	0.00	0.84	1436.90
3-Jun	0.00	0.87	0.00	0.82	1359.50
4-Jun	0.00	0.87	0.00	0.84	1440.00
5-Jun	0.00	0.79	0.00	0.82	1424.47
6-Jun	0.00	0.76	0.00	0.89	1412.23
7-Jun	0.00	0.75	0.00	0.92	1433.39
8-Jun	0.00	0.80	0.00	0.87	1378.05
9-Jun	0.00	0.89	0.00	0.96	1419.47
10-Jun	0.00	0.80	0.00	0.84	1361.74
11-Jun	0.00	0.80	0.00	1.00	1346.41
12-Jun	0.00	0.84	0.00	0.98	888.53
13-Jun	0.00	0.82	0.00	0.78	1440.00
14-Jun	0.00	0.80	0.00	0.98	1425.46
15-Jun	0.00	0.83	0.00	0.98	1434.29
16-Jun	0.00	0.86	0.00	0.84	1218.66
17-Jun	0.00	0.81	0.00	0.80	1401.23
18-Jun	0.00	0.80	0.00	0.80	1392.92
19-Jun	0.00	0.80	0.00	0.79	1440.00
20-Jun	0.00	0.80	0.00	0.78	1116.88
21-Jun	0.00	0.82	0.00	0.86	1440.00
22-Jun	0.00	0.80	0.00	0.82	1440.00
23-Jun	0.00	0.80	0.00	0.82	1440.00
24-Jun	0.00	0.83	0.00	0.87	1095.72
25-Jun	0.00	0.81	0.00	0.83	1440.00
26-Jun	0.00	0.80	0.00	0.81	1440.00
27-Jun	0.00	0.81	0.00	0.82	1311.47
28-Jun	0.00	0.81	0.00	0.83	1440.00
29-Jun	0.00	0.82	0.00	0.84	1440.00
30-Jun	0.00	0.81	0.00	0.87	1440.00
1-Jul	0.00	0.80	0.00	0.86	1440.00
2-Jul	0.00	0.80	0.00	0.84	1440.00
3-Jul	0.00	0.82	0.00	0.87	1440.00
4-Jul	0.00	0.80	0.00	0.86	1440.00
5-Jul	0.00	0.80	0.00	0.83	1437.65
6-Jul	0.00	0.80	0.00	0.82	1414.98
7-Jul	0.00	0.87	0.00	0.91	1440.00
8-Jul	0.00	0.81	0.00	0.81	1212.70
9-Jul	0.00	0.82	0.00	0.82	1440.00
10-Jul	0.00	0.82	0.00	0.83	1440.00
11-Jul	0.00	0.80	0.00	0.83	1440.00
12-Jul	0.00	0.77	0.00	0.82	1440.00
13-Jul	0.00	0.89	0.00	0.94	1382.58
14-Jul	0.00	0.81	0.00	0.84	1440.00
15-Jul	0.00	0.81	0.00	0.82	1436.90
16-Jul	0.00	0.79	0.00	0.81	1440.00
17-Jul	0.00	0.81	0.00	0.80	1177.87
18-Jul	0.00	0.80	0.00	0.79	1440.00
19-Jul	0.00	0.84	0.00	0.86	1128.10
20-Jul	0.00	0.78	0.00	0.93	1439.33
21-Jul	0.00	0.80	0.00	0.86	1084.32
22-Jul	0.00	0.79	0.00	0.84	1440.00
23-Jul	0.00	0.81	0.00	0.88	1402.87
24-Jul	0.00	0.75	0.00	0.83	1432.97
25-Jul	0.00	0.75	0.00	0.84	1421.87
26-Jul	0.00	0.78	0.00	0.83	1440.00
27-Jul	0.03	0.78	0.03	0.84	1411.71
28-Jul	0.00	0.80	0.00	0.85	1107.96
29-Jul	0.00	0.91	0.00	0.95	1439.91
30-Jul	0.00	0.79	0.00	0.82	979.22
31-Jul	0.00	0.31	0.00	0.30	1440.00
1-Aug	0.00	0.32	0.00	0.31	1440.00
2-Aug	0.00	0.44	0.00	0.44	1322.21
3-Aug	0.00	0.20	0.00	0.20	243.55
4-Aug	0.00	0.00	0.00	0.00	0.00 Planned maintenance
5-Aug	0.00	0.00	0.00	0.00	0.00
6-Aug	0.00	0.00	0.00	0.00	0.00
7-Aug	0.00	0.00	0.00	0.00	0.00
8-Aug	0.00	0.00	0.00	0.00	0.00
9-Aug	0.00	0.00	0.00	0.00	0.00
10-Aug	0.00	0.00	0.00	0.00	0.00
11-Aug	0.00	0.00	0.00	0.00	0.00
12-Aug	0.00	0.00	0.00	0.00	0.00
13-Aug	0.00	0.00	0.00	0.00	0.00
14-Aug	0.00	0.00	0.00	0.00	0.00
15-Aug	0.00	0.00	0.00	0.00	0.00
16-Aug	0.00	0.00	0.00	0.00	0.00
17-Aug	0.00	0.20	0.00	0.20	16.37
18-Aug	0.00	0.00	0.00	0.00	0.00
19-Aug	0.00	0.00	0.00	0.00	0.00
20-Aug	0.00	0.00	0.00	0.00	0.00
21-Aug	0.00	0.00	0.00	0.00	0.00
22-Aug	0.00	0.00	0.00	0.00	0.00
23-Aug	0.00	0.00	0.00	0.00	0.00
24-Aug	0.00	0.00	0.00	0.00	0.00
25-Aug	0.00	0.00	0.00	0.00	0.00
26-Aug	0.00	0.00	0.00	0.00	0.00
27-Aug	0.00	0.00	0.00	0.00	0.00

28-Aug	0.00	0.00	0.00	0.00	0.00
29-Aug	0.00	0.00	0.00	0.00	0.00
30-Aug	0.00	0.00	0.00	0.00	0.00
31-Aug	0.00	0.00	0.00	0.00	0.00
1-Sep	0.00	0.00	0.00	0.00	0.00
2-Sep	0.00	0.00	0.00	0.00	0.00
3-Sep	0.00	0.00	0.00	0.00	0.00
4-Sep	0.00	0.00	0.00	0.00	0.00
5-Sep	0.00	0.00	0.00	0.00	0.00
6-Sep	0.00	0.00	0.00	0.00	0.00
7-Sep	0.00	0.00	0.00	0.00	0.00
8-Sep	0.00	0.00	0.00	0.00	0.00
9-Sep	0.00	0.00	0.00	0.00	0.00
10-Sep	0.00	0.00	0.00	0.00	0.00
11-Sep	0.00	0.00	0.00	0.00	0.00
12-Sep	0.00	0.00	0.00	0.00	0.00
13-Sep	0.00	0.00	0.00	0.00	0.00
14-Sep	0.00	0.00	0.00	0.00	0.00
15-Sep	0.00	0.00	0.00	0.00	0.00
16-Sep	0.00	0.00	0.00	0.00	0.00
17-Sep	0.00	0.00	0.00	0.00	0.00
18-Sep	0.00	0.00	0.00	0.00	0.00
19-Sep	0.00	0.00	0.00	0.00	0.00
20-Sep	0.00	0.00	0.00	0.00	0.00
21-Sep	0.00	0.20	0.00	0.20	274.99
22-Sep	0.00	0.25	0.00	0.21	249.48
23-Sep	0.00	0.00	0.00	0.00	0.00
24-Sep	0.00	0.25	0.00	0.20	73.62
25-Sep	0.00	0.00	0.00	0.00	0.00
26-Sep	0.00	0.00	0.00	0.00	0.00
27-Sep	0.00	0.00	0.00	0.00	0.00
28-Sep	0.00	0.82	0.00	0.87	790.23
29-Sep	0.00	0.83	0.00	0.87	1351.68
30-Sep	0.00	0.82	0.00	0.86	1438.97
1-Oct	0.00	0.85	0.00	0.84	1440.00
2-Oct	0.00	0.84	0.00	0.84	1440.00
3-Oct	0.00	0.83	0.00	0.82	1440.00
4-Oct	0.00	0.93	0.00	0.92	1172.62
5-Oct	0.00	0.91	0.00	0.89	1433.02
6-Oct	0.00	1.00	0.00	0.96	1405.63
7-Oct	0.00	0.94	0.00	0.95	1231.30
8-Oct	0.00	0.93	0.00	0.88	1423.27
9-Oct	0.00	0.94	0.00	0.89	1347.03
10-Oct	0.00	0.94	0.00	0.91	1425.86
11-Oct	0.00	0.93	0.00	0.89	1422.92
12-Oct	0.00	0.88	0.00	0.89	1440.00
13-Oct	0.00	0.84	0.00	0.87	1440.00
14-Oct	0.00	0.83	0.00	0.85	1440.00
15-Oct	0.00	0.84	0.00	0.87	1440.00
16-Oct	0.00	0.83	0.00	0.86	1440.00
17-Oct	0.00	0.82	0.00	0.84	1440.00
18-Oct	0.00	0.82	0.00	0.84	1440.00
19-Oct	0.35	2.00	0.35	0.93	1428.47
20-Oct	0.00	0.94	0.00	0.92	1438.81
21-Oct	0.00	0.91	0.00	0.90	1439.63
22-Oct	0.00	0.89	0.00	0.89	1440.00
23-Oct	0.00	0.91	0.00	0.90	1440.00
24-Oct	0.00	0.91	0.00	0.90	1440.00
25-Oct	0.00	0.90	0.00	0.89	1440.00
26-Oct	0.00	0.90	0.00	0.88	1440.00
27-Oct	0.00	0.84	0.00	0.83	1440.00
28-Oct	0.00	0.85	0.00	0.87	1440.00
29-Oct	0.00	0.86	0.00	0.87	1440.00
30-Oct	0.00	0.83	0.00	0.84	1440.00
31-Oct	0.00	0.83	0.00	0.84	1440.00
1-Nov	0.00	0.82	0.00	0.85	1440.00
2-Nov	0.00	0.81	0.00	0.83	1440.00
3-Nov	0.00	0.83	0.00	0.86	1440.00
4-Nov	0.00	0.82	0.00	0.85	1440.00
5-Nov	0.00	0.79	0.00	0.81	1440.00
6-Nov	0.00	0.82	0.00	0.84	1440.00
7-Nov	0.00	0.84	0.00	0.86	1440.00
8-Nov	0.00	0.94	0.00	0.88	1418.91
9-Nov	0.00	0.91	0.00	0.83	1440.00
10-Nov	0.00	0.68	0.00	0.74	1293.51
11-Nov	0.00	0.68	0.00	0.74	1440.00
12-Nov	0.00	0.70	0.00	0.78	1440.00
13-Nov	0.00	0.66	0.00	0.73	1440.00
14-Nov	0.00	0.68	0.00	0.75	1440.00
15-Nov	0.00	0.63	0.00	0.69	1440.00
16-Nov	0.00	0.73	0.00	0.74	1440.00
17-Nov	0.00	0.76	0.00	0.78	1440.00
18-Nov	0.00	0.90	0.00	0.88	1373.70
19-Nov	0.00	0.80	0.00	0.80	1440.00
20-Nov	0.00	0.86	0.00	0.84	1440.00
21-Nov	0.00	0.82	0.00	0.82	1440.00
22-Nov	0.00	0.83	0.00	0.87	1440.00
23-Nov	0.00	0.84	0.00	0.83	1440.00
24-Nov	0.00	0.85	0.00	0.85	1351.29
25-Nov	0.00	0.85	0.00	0.84	1440.00
26-Nov	0.00	0.58	0.00	0.58	1440.00
27-Nov	0.00	0.58	0.00	0.60	1440.00
28-Nov	0.00	0.55	0.00	0.57	1440.00
29-Nov	0.00	0.64	0.00	0.70	1440.00
30-Nov	0.00	0.56	0.00	0.62	1440.00
1-Dec	0.00	0.86	0.00	1.00	1135.86
2-Dec	0.00	0.83	0.00	0.83	1440.00
3-Dec	0.00	0.83	0.00	0.82	1440.00
4-Dec	0.00	0.81	0.00	0.81	1440.00
5-Dec	0.00	0.85	0.00	0.84	1440.00
6-Dec	0.00	0.82	0.00	0.81	1440.00
7-Dec	0.00	0.87	0.00	0.81	1386.19
8-Dec	0.00	0.87	0.00	0.86	1333.46
9-Dec	0.00	0.87	0.00	0.83	1333.46
10-Dec	0.00	0.93	0.00	0.85	1401.80
11-Dec	0.00	0.93	0.00	0.92	1401.80
12-Dec	0.00	0.93	0.00	0.98	1401.80
13-Dec	0.00	0.93	0.00	0.85	1401.80
14-Dec	0.00	0.80	0.00	0.85	1263.89
15-Dec	0.00	0.89	0.00	0.86	1440.00
16-Dec	0.00	0.88	0.00	0.85	1436.18
17-Dec	0.00	0.83	0.00	0.77	1440.00

18-Dec	0.00	0.81	0.00	0.70	1440.00
19-Dec	0.00	0.82	0.00	0.69	1420.96
20-Dec	0.00	0.93	0.00	0.80	1440.00
21-Dec	0.00	0.80	0.00	0.80	1286.24
22-Dec	0.00	0.92	0.00	0.95	1434.31
23-Dec	0.00	1.03	0.00	1.02	963.16
24-Dec	0.00	0.99	0.00	0.97	1435.98
25-Dec	0.00	0.82	0.00	0.80	1440.00
26-Dec	0.00	0.73	0.00	0.69	1440.00
27-Dec	0.00	0.74	0.00	0.71	1440.00
28-Dec	0.00	0.73	0.00	0.68	1440.00
29-Dec	0.00	0.73	0.00	0.74	1440.00
30-Dec	0.00	0.76	0.00	0.74	1410.59
31-Dec	0.00	0.80	0.00	0.79	1440.00
2022					
1-Jan	0.00	0.82	0.00	0.79	1440.00
2-Jan	0.00	0.78	0.00	0.75	1440.00
3-Jan	0.00	0.76	0.00	0.71	1440.00
4-Jan	0.00	0.77	0.00	0.71	1440.00
5-Jan	0.00	0.73	0.00	0.79	1440.00
6-Jan	0.00	0.79	0.00	0.82	1440.00
7-Jan	0.00	0.99	0.00	1.00	1438.51
8-Jan	0.00	0.95	0.00	0.96	1409.99
9-Jan	0.00	0.99	0.00	1.03	1433.29
10-Jan	0.00	0.80	0.00	0.84	1440.00
11-Jan	0.00	0.91	0.00	0.91	1435.19
12-Jan	0.00	0.92	0.00	0.98	1432.30
13-Jan	0.00	1.04	0.00	1.05	1385.22
14-Jan	0.00	0.97	0.00	0.94	1432.15
15-Jan	0.00	0.88	0.00	0.82	1440.00
16-Jan	0.00	0.86	0.00	0.80	1440.00
17-Jan	0.00	0.83	0.00	0.80	1440.00
18-Jan	0.00	0.89	0.00	0.92	1439.54
19-Jan	0.00	0.82	0.00	0.83	1440.00
20-Jan	0.00	0.86	0.00	0.84	1440.00
21-Jan	0.00	0.91	0.00	0.88	1439.34
22-Jan	0.00	0.91	0.00	0.86	1440.00
23-Jan	0.00	0.88	0.00	0.83	1440.00
24-Jan	0.00	0.89	0.00	0.84	1440.00
25-Jan	0.00	0.88	0.00	0.84	1440.00
26-Jan	0.00	0.83	0.00	0.85	1440.00
27-Jan	0.00	0.81	0.00	0.87	1440.00
28-Jan	0.00	0.82	0.00	0.88	1440.00
29-Jan	0.00	0.82	0.00	0.89	1440.00
30-Jan	0.00	0.79	0.00	0.85	1440.00
31-Jan	0.00	0.77	0.00	0.82	1440.00
1-Feb	0.00	0.86	0.00	0.88	1440.00
2-Feb	0.40	1.53	0.25	1.50	1388.08
3-Feb	0.00	0.91	0.00	0.95	1426.30
4-Feb	0.00	0.91	0.00	0.94	1436.13
5-Feb	0.00	0.92	0.00	0.93	1438.47
6-Feb	0.00	0.76	0.00	0.77	1440.00
7-Feb	0.00	0.81	0.00	0.85	1436.53
8-Feb	0.00	0.77	0.00	0.80	1440.00
9-Feb	0.00	0.76	0.00	0.81	1440.00
10-Feb	0.00	0.76	0.00	0.80	1440.00
11-Feb	0.00	0.76	0.00	0.89	1440.00
12-Feb	0.00	0.76	0.00	0.90	1440.00
13-Feb	0.00	0.77	0.00	0.86	1319.40
14-Feb	0.00	0.76	0.00	0.80	1440.00
15-Feb	0.00	0.75	0.00	0.79	1440.00
16-Feb	0.00	0.78	0.00	0.79	1440.00
17-Feb	0.00	0.79	0.00	0.80	1440.00
18-Feb	0.00	0.79	0.00	0.80	1440.00
19-Feb	0.00	0.82	0.00	0.80	1399.92
20-Feb	0.00	0.79	0.00	0.77	1440.00
21-Feb	0.00	0.79	0.00	0.80	1440.00
22-Feb	0.00	0.88	0.00	0.95	1431.57
23-Feb	0.00	0.87	0.98	2.00	1436.95
24-Feb	0.00	0.80	0.00	0.83	1440.00
25-Feb	0.00	0.84	0.00	0.88	1440.00
26-Feb	0.00	1.05	0.00	1.17	627.27
27-Feb	0.00	0.80	0.00	0.85	926.55
28-Feb	0.00	0.80	0.00	0.85	1440.00

Parameter	Fluoride
Supply	Hamilton (HAM001)
Plant	Waiora Treatment Plant (TP00066)
Site	Waiora Treatment Plant - City Main Trunk - final treated water as it leaves the plant
Frequency	Sampled twice weekly and analysed in a laboratory
Method	Ion Selective Electrode
Purpose	Compliance - To demonstrate P2a Chemical Compliance with the Drinking-water Standrads for New Zealand 2005 (Revised 2018).

Sample Number	Sampling Date	Time Sampled	Result	Units
2019009443	5/11/2019	07:45	0.867	mg/L
2019009539	7/11/2019	11:22	0.665	mg/L
2019009665	12/11/2019	13:53	0.838	mg/L
2019009755	14/11/2019	09:51	0.881	mg/L
2019009881	19/11/2019	11:50	0.893	mg/L
2019009979	21/11/2019	11:40	0.808	mg/L
2019010156	26/11/2019	09:15	1.000	mg/L
2019010262	28/11/2019	11:15	0.777	mg/L
2019010377	3/12/2019	10:05	0.765	mg/L
2019010481	5/12/2019	11:15	0.756	mg/L
2019010629	10/12/2019	08:13	0.755	mg/L
2019010745	12/12/2019	10:22	0.780	mg/L
2019010851	17/12/2019	09:24	0.830	mg/L
2019010944	19/12/2019	10:58	0.781	mg/L
2019011096	24/12/2019	09:35	0.772	mg/L
2019011118	27/12/2019	08:45	0.811	mg/L
2019011225	31/12/2019	10:35	0.810	mg/L
2019011248	3/01/2020	12:20	0.747	mg/L
2020000066	7/01/2020	11:20	0.769	mg/L
2020000182	9/01/2020	09:47	0.723	mg/L
2020000280	14/01/2020	09:20	0.896	mg/L
2020000372	16/01/2020	09:05	0.716	mg/L
2020000516	21/01/2020	09:30	0.732	mg/L
2020000623	23/01/2020	09:55	0.834	mg/L
2020000711	28/01/2020	09:55	0.175	mg/L
2020000814	30/01/2020	13:23	0.755	mg/L
2020000956	4/02/2020	12:00	0.807	mg/L
2020001070	7/02/2020	10:37	0.847	mg/L
2020001224	11/02/2020	10:00	0.880	mg/L
2020001346	13/02/2020	11:30	0.842	mg/L
2020001471	18/02/2020	09:20	0.889	mg/L
2020001584	20/02/2020	10:05	0.855	mg/L
2020001771	25/02/2020	11:11	0.808	mg/L
2020001862	27/02/2020	12:40	0.793	mg/L
2020002016	3/03/2020	11:49	0.798	mg/L
2020002094	5/03/2020	09:48	0.812	mg/L
2020002233	10/03/2020	08:40	0.769	mg/L
2020002320	12/03/2020	12:10	0.754	mg/L
2020002457	17/03/2020	12:21	0.789	mg/L
2020002597	19/03/2020	10:00	0.776	mg/L
2020002740	24/03/2020	08:25	0.785	mg/L
2020002824	26/03/2020	08:31	0.776	mg/L
2020002924	31/03/2020	08:54	0.897	mg/L
2020002999	2/04/2020	10:02	0.792	mg/L
2020003110	7/04/2020	09:01	0.778	mg/L
2020003145	9/04/2020	10:01	0.801	mg/L
2020003207	14/04/2020	12:10	0.745	mg/L
2020003307	16/04/2020	09:51	0.703	mg/L
2020003402	21/04/2020	10:18	0.689	mg/L
2020003472	23/04/2020	08:38	0.687	mg/L
2020003529	28/04/2020	10:04	0.728	mg/L
2020003604	30/04/2020	10:14	0.709	mg/L
2020003717	5/05/2020	09:08	0.651	mg/L
2020003784	7/05/2020	09:21	0.679	mg/L
2020003885	12/05/2020	09:57	0.720	mg/L
2020003944	14/05/2020	07:48	0.739	mg/L
2020004085	19/05/2020	08:20	0.738	mg/L
2020004164	21/05/2020	10:15	0.758	mg/L
2020004315	26/05/2020	09:42	0.754	mg/L
2020004404	28/05/2020	09:52	0.656	mg/L

2020004539	2/06/2020	09:10	0.775	mg/L
2020004676	4/06/2020	09:30	0.649	mg/L
2020004791	9/06/2020	10:30	0.824	mg/L
2020004865	11/06/2020	11:50	0.780	mg/L
2020004965	16/06/2020	10:38	0.822	mg/L
2020005027	18/06/2020	12:36	0.839	mg/L
2020005149	23/06/2020	11:00	0.775	mg/L
2020005199	25/06/2020	10:23	0.617	mg/L
2020005300	30/06/2020	10:12	0.769	mg/L
2020005376	2/07/2020	10:40	0.747	mg/L
2020005493	7/07/2020	12:50	0.780	mg/L
2020005561	9/07/2020	12:55	0.760	mg/L
2020005643	15/07/2020	10:46	0.836	mg/L
2020005715	16/07/2020	08:30	0.843	mg/L
2020005852	21/07/2020	11:18	0.773	mg/L
2020005936	23/07/2020	08:24	0.653	mg/L
2020006038	28/07/2020	08:20	0.669	mg/L
2020006079	30/07/2020	10:11	0.643	mg/L
2020006177	4/08/2020	12:25	0.851	mg/L
2020006234	6/08/2020	10:20	0.738	mg/L
2020006327	12/08/2020	10:04	0.782	mg/L
2020006399	13/08/2020	09:00	0.861	mg/L
2020006495	18/08/2020	09:56	0.834	mg/L
2020006557	20/08/2020	08:11	0.960	mg/L
2020006649	25/08/2020	10:28	0.612	mg/L
2020006723	27/08/2020	10:19	0.731	mg/L
2020006845	1/09/2020	11:31	0.734	mg/L
2020006945	3/09/2020	10:38	0.795	mg/L
2020007043	8/09/2020	08:45	0.830	mg/L
2020007161	10/09/2020	12:58	0.805	mg/L
2020007285	16/09/2020	08:27	0.679	mg/L
2020007374	17/09/2020	07:52	0.664	mg/L
2020007500	22/09/2020	10:15	0.773	mg/L
2020007585	24/09/2020	08:21	0.711	mg/L
2020007676	29/09/2020	08:59	0.646	mg/L
2020007758	1/10/2020	10:40	0.728	mg/L
2020007842	6/10/2020	09:20	0.759	mg/L
2020007897	8/10/2020	09:40	0.730	mg/L
2020007971	13/10/2020	11:06	0.550	mg/L
2020008059	15/10/2020	09:11	0.768	mg/L
2020008137	20/10/2020	09:30	0.601	mg/L
2020008205	22/10/2020	10:50	0.781	mg/L
2020008268	27/10/2020	11:30	0.814	mg/L
2020008334	29/10/2020	12:37	0.871	mg/L
2020008443	3/11/2020	08:40	0.823	mg/L
2020008519	5/11/2020	11:00	0.727	mg/L
2020008591	10/11/2020	10:10	0.726	mg/L
2020008659	12/11/2020	10:40	0.673	mg/L
2020008752	17/11/2020	08:40	0.700	mg/L
2020008816	19/11/2020	10:40	0.703	mg/L
2020008897	24/11/2020	11:40	0.806	mg/L
2020008988	26/11/2020	08:25	0.796	mg/L
2020009066	1/12/2020	08:35	0.710	mg/L
2020009160	3/12/2020	10:05	0.719	mg/L
2020009273	8/12/2020	10:40	0.596	mg/L
2020009358	10/12/2020	10:35	0.519	mg/L
2020009493	15/12/2020	11:05	0.645	mg/L
2020009565	17/12/2020	12:40	0.665	mg/L
2020009684	22/12/2020	09:10	0.674	mg/L
2020009734	24/12/2020	08:10	0.504	mg/L
2020009768	29/12/2020	08:22	0.567	mg/L
2020009828	31/12/2020	09:12	0.571	mg/L
2020009882	5/01/2021	10:08	0.724	mg/L
2021000035	7/01/2021	07:50	0.721	mg/L
2021000114	12/01/2021	10:40	0.683	mg/L
2021000169	14/01/2021	09:13	0.887	mg/L
2021000256	19/01/2021	12:45	1.010	mg/L
2021000320	21/01/2021	08:25	0.715	mg/L
2021000398	26/01/2021	10:35	0.668	mg/L

2021000475	28/01/2021	08:58	0.170	mg/L
2021000543	2/02/2021	13:08	0.688	mg/L
2021000615	4/02/2021	08:55	0.716	mg/L
2021000682	9/02/2021	13:41	0.717	mg/L
2021000752	11/02/2021	12:20	0.696	mg/L
2021000831	16/02/2021	11:49	0.699	mg/L
2021000900	18/02/2021	09:45	0.690	mg/L
2021000984	23/02/2021	09:58	0.642	mg/L
2021001046	25/02/2021	11:20	0.619	mg/L
2021001163	2/03/2021	11:43	0.534	mg/L
2021001243	4/03/2021	11:15	0.794	mg/L
2021001331	9/03/2021	11:58	0.732	mg/L
2021001486	11/03/2021	11:48	0.744	mg/L
2021001624	16/03/2021	10:35	0.651	mg/L
2021001698	18/03/2021	10:25	0.730	mg/L
2021001857	23/03/2021	12:08	0.729	mg/L
2021001957	25/03/2021	10:01	0.702	mg/L
2021002052	30/03/2021	12:30	0.578	mg/L
2021002116	1/04/2021	11:23	0.618	mg/L
2021002167	6/04/2021	08:40	0.197	mg/L
2021002251	8/04/2021	08:50	0.674	mg/L
2021002334	13/04/2021	11:37	0.634	mg/L
2021002417	15/04/2021	10:30	0.729	mg/L
2021002505	20/04/2021	09:14	0.760	mg/L
2021002558	22/04/2021	10:00	0.676	mg/L
2021002612	27/04/2021	09:30	0.681	mg/L
2021002686	29/04/2021	09:40	0.698	mg/L
2021002773	4/05/2021	11:30	0.670	mg/L
2021002822	6/05/2021	10:25	0.764	mg/L
2021002905	11/05/2021	09:18	0.657	mg/L
2021003002	13/05/2021	11:00	0.744	mg/L
2021003097	18/05/2021	10:27	0.627	mg/L
2021003184	20/05/2021	09:05	0.683	mg/L
2021003278	25/05/2021	09:30	0.704	mg/L
2021003359	27/05/2021	08:15	0.700	mg/L
2021003472	1/06/2021	10:00	0.576	mg/L
2021003537	3/06/2021	10:04	0.738	mg/L
2021003650	8/06/2021	10:48	0.586	mg/L
2021003724	10/06/2021	09:00	0.728	mg/L
2021003922	15/06/2021	09:46	0.670	mg/L
2021003986	17/06/2021	09:27	0.668	mg/L
2021004112	22/06/2021	10:00	0.727	mg/L
2021004187	24/06/2021	08:00	0.732	mg/L
2021004298	29/06/2021	09:30	0.715	mg/L
2021004395	1/07/2021	11:00	0.738	mg/L
2021004489	6/07/2021	10:42	0.697	mg/L
2021004616	8/07/2021	13:20	0.599	mg/L
2021004689	13/07/2021	09:40	0.620	mg/L
2021004762	15/07/2021	09:06	0.700	mg/L
2021004762	15/07/2021	09:06	0.720	mg/L
2021004867	20/07/2021	09:28	0.727	mg/L
2021004938	22/07/2021	11:03	0.695	mg/L
2021005042	27/07/2021	12:56	0.608	mg/L
2021005095	29/07/2021	12:24	0.678	mg/L
2021005244	3/08/2021	10:27	0.146	mg/L
2021005310	5/08/2021	09:07	0.139	mg/L
2021005413	10/08/2021	13:04	0.121	mg/L
2021005490	12/08/2021	09:50	0.132	mg/L
2021005643	17/08/2021	09:50	0.143	mg/L
2021005707	19/08/2021	09:40	0.137	mg/L
2021005776	24/08/2021	10:40	0.143	mg/L
2021005791	26/08/2021	10:20	0.145	mg/L
2021005851	31/08/2021	09:07	0.133	mg/L
2021005901	2/09/2021	09:00	0.140	mg/L
2021005951	7/09/2021	09:30	0.146	mg/L
2021006001	9/09/2021	08:52	0.134	mg/L
2021006134	14/09/2021	09:10	0.123	mg/L
2021006194	16/09/2021	10:10	0.127	mg/L
2021006320	21/09/2021	12:07	0.140	mg/L

2021006391	23/09/2021	10:00	0.139	mg/L
2021006534	28/09/2021	12:10	0.140	mg/L
2021006588	30/09/2021	13:32	0.620	mg/L
2021006683	5/10/2021	14:15	0.491	mg/L
2021006732	7/10/2021	08:29	0.621	mg/L
2021006801	12/10/2021	11:35	0.746	mg/L
2021006848	14/10/2021	11:08	0.682	mg/L
2021006903	19/10/2021	10:48	0.740	mg/L
2021006969	21/10/2021	12:03	0.714	mg/L
2021007027	26/10/2021	11:01	0.709	mg/L
2021007064	28/10/2021	11:03	0.686	mg/L
2021007132	2/11/2021	11:52	0.688	mg/L
2021007173	4/11/2021	08:58	0.689	mg/L
2021007277	9/11/2021	09:05	0.739	mg/L
2021007327	11/11/2021	10:55	0.750	mg/L
2021007420	16/11/2021	12:41	0.589	mg/L
2021007471	18/11/2021	11:39	0.624	mg/L
2021007622	23/11/2021	12:20	0.715	mg/L
2021007709	25/11/2021	09:36	0.724	mg/L
2021007806	30/11/2021	10:05	0.395	mg/L
2021007887	2/12/2021	08:55	0.735	mg/L
2021008045	7/12/2021	08:48	0.742	mg/L
2021008138	9/12/2021	11:49	0.710	mg/L
2021008235	14/12/2021	11:10	0.672	mg/L
2021008317	16/12/2021	10:39	0.710	mg/L
2021008402	21/12/2021	10:35	0.707	mg/L
2021008520	23/12/2021	09:15	0.178	mg/L
2021008573	29/12/2021	09:45	0.700	mg/L
2021008616	30/12/2021	12:05	0.681	mg/L
2021008675	5/01/2022	12:58	0.752	mg/L
2022000019	6/01/2022	08:50	0.680	mg/L
2022000106	11/01/2022	09:40	0.730	mg/L
2022000208	13/01/2022	12:10	0.657	mg/L
2022000379	18/01/2022	12:15	0.671	mg/L
2022000449	20/01/2022	12:42	0.663	mg/L
2022000591	25/01/2022	12:07	0.693	mg/L
2022000658	27/01/2022	10:04	0.705	mg/L
2022000737	1/02/2022	12:10	0.718	mg/L
2022000809	3/02/2022	11:37	0.658	mg/L
2022000888	8/02/2022	10:40	0.688	mg/L
2022000970	10/02/2022	09:25	0.730	mg/L
2022001057	15/02/2022	12:09	0.705	mg/L
2022001142	17/02/2022	10:04	0.697	mg/L
2022001254	22/02/2022	09:33	0.675	mg/L
2022001331	24/02/2022	10:17	0.729	mg/L

Parameter	Fluoride
Supply	Hamilton (HAM001)
Plant	Waiora Treatment Plant (TP00066)
Zone	Claudlands Grandstand Tap (HAM001CG)
Site	Claudlands Drinking-water Fountain
Frequency	Sampled approximately once a week and analysed in a laboratory
Purpose	Process control - indicates when membrane requires replacement

Sample Number	Sampling Date	Time Sampled	Result	Units
2019009398	4/11/2019	08:39	0.122	mg/L
2019009543	7/11/2019	10:38	0.203	mg/L
2019009787	15/11/2019	08:47	0.334	mg/L
2019009787	15/11/2019	08:47	0.334	mg/L
2019009865	19/11/2019	12:30	0.251	mg/L
2019009964	21/11/2019	11:06	0.376	mg/L
2019010064	25/11/2019	12:20	0.322	mg/L
2019010276	29/11/2019	08:43	0.194	mg/L
2019010360	3/12/2019	11:47	0.199	mg/L
2019010487	5/12/2019	13:07	0.193	mg/L
2019010696	11/12/2019	09:20	0.103	mg/L
2019010696	11/12/2019	09:20	0.114	mg/L
2019010818	16/12/2019	11:05	0.226	mg/L
2019010948	19/12/2019	12:19	0.287	mg/L
2019011035	23/12/2019	08:30	0.139	mg/L
2019011186	30/12/2019	08:50	0.152	mg/L
2020000070	7/01/2020	10:25	0.134	mg/L
2020000217	10/01/2020	09:13	0.199	mg/L
2020000217	10/01/2020	09:13	0.189	mg/L
2020000376	16/01/2020	10:18	0.070	mg/L
2020000634	24/01/2020	08:28	0.123	mg/L
2020000798	30/01/2020	13:50	0.058	mg/L
2020000939	4/02/2020	13:25	0.114	mg/L
2020001413	17/02/2020	12:52	0.120	mg/L
2020001652	21/02/2020	07:40	0.102	mg/L
2020001755	25/02/2020	10:45	0.119	mg/L
2020001927	2/03/2020	13:44	0.067	mg/L
2020002079	5/03/2020	10:38	0.080	mg/L
2020002361	13/03/2020	12:36	0.110	mg/L
2020002539	18/03/2020	12:45	0.163	mg/L
2020004595	29/05/2020	12:07	0.151	mg/L
2020004544	2/06/2020	08:10	0.185	mg/L
2020004663	4/06/2020	11:50	0.141	mg/L
2020004774	9/06/2020	12:47	0.172	mg/L
2020004851	11/06/2020	12:15	0.100	mg/L
2020004924	15/06/2020	09:34	0.128	mg/L
2020004984	17/06/2020	08:47	0.182	mg/L
2020005043	19/06/2020	10:18	0.236	mg/L
2020005120	23/06/2020	10:20	0.238	mg/L
2020005186	25/06/2020	11:15	0.125	mg/L
2020005238	29/06/2020	11:22	0.212	mg/L

2020005363	2/07/2020	10:18	0.250 mg/L
2020005445	6/07/2020	10:35	0.139 mg/L
2020005520	8/07/2020	11:09	0.224 mg/L
2020005570	10/07/2020	10:45	0.175 mg/L
2020005592	13/07/2020	11:10	0.188 mg/L
2020005673	15/07/2020	10:17	0.190 mg/L
2020005735	17/07/2020	12:40	0.193 mg/L
2020005835	21/07/2020	12:44	0.174 mg/L
2020005923	23/07/2020	09:12	0.248 mg/L
2020005998	27/07/2020	10:53	0.138 mg/L
2020006046	29/07/2020	09:25	0.197 mg/L
2020006096	31/07/2020	09:42	0.180 mg/L
2020006160	4/08/2020	13:02	0.179 mg/L
2020006221	6/08/2020	12:26	0.166 mg/L
2020006288	10/08/2020	09:38	0.189 mg/L
2020007223	9/09/2020	10:50	0.314 mg/L
2020007204	11/09/2020	11:06	0.359 mg/L
2020007269	15/09/2020	11:52	0.310 mg/L
2020007379	17/09/2020	10:47	0.250 mg/L
2020007451	21/09/2020	12:00	0.164 mg/L
2020007541	23/09/2020	08:39	0.300 mg/L
2020007608	25/09/2020	10:31	0.196 mg/L
2020007680	29/09/2020	10:35	0.197 mg/L
2020007777	2/10/2020	09:49	0.131 mg/L
2020007846	6/10/2020	08:30	0.183 mg/L
2020007917	9/10/2020	08:08	0.230 mg/L
2020007974	13/10/2020	12:15	0.262 mg/L
2020008080	16/10/2020	11:07	0.357 mg/L
2020008140	20/10/2020	10:51	0.265 mg/L
2020008191	22/10/2020	11:52	0.278 mg/L
2020008272	27/10/2020	12:52	0.247 mg/L
2020008338	29/10/2020	13:20	0.298 mg/L
2020008397	2/11/2020	09:04	0.159 mg/L
2020008493	4/11/2020	09:05	0.135 mg/L
2020008544	6/11/2020	12:06	0.227 mg/L
2020008594	10/11/2020	12:00	0.189 mg/L
2020008666	12/11/2020	11:19	0.231 mg/L
2020008716	16/11/2020	10:17	0.101 mg/L
2020008783	18/11/2020	09:23	0.175 mg/L
2020008843	20/11/2020	11:57	0.176 mg/L
2020008901	24/11/2020	13:15	0.122 mg/L
2020008994	26/11/2020	10:49	0.158 mg/L
2020009027	30/11/2020	08:14	0.138 mg/L
2020009114	2/12/2020	08:50	0.212 mg/L
2020009200	4/12/2020	10:15	0.213 mg/L
2020009276	8/12/2020	11:35	0.087 mg/L
2020009362	10/12/2020	11:10	0.142 mg/L
2020009441	14/12/2020	10:52	0.126 mg/L
2020009535	16/12/2020	10:53	0.154 mg/L
2020009606	18/12/2020	08:50	0.160 mg/L
2020009688	22/12/2020	08:25	0.092 mg/L

2020009773	29/12/2020	09:15	0.150	mg/L
2020009795	30/12/2020	08:50	0.113	mg/L
2020009886	5/01/2021	08:35	0.142	mg/L
2021000042	7/01/2021	09:38	0.111	mg/L
2021000089	11/01/2021	11:45	0.161	mg/L
2021000140	13/01/2021	10:06	0.070	mg/L
2021000208	15/01/2021	12:20	0.211	mg/L
2021000286	20/01/2021	10:00	0.052	mg/L
2021000345	22/01/2021	08:45	0.201	mg/L
2021000401	26/01/2021	10:58	0.184	mg/L
2021000479	28/01/2021	11:40	0.146	mg/L
2021000548	2/02/2021	08:50	0.216	mg/L
2021000641	5/02/2021	09:33	0.237	mg/L
2021000722	10/02/2021	11:06	0.206	mg/L
2021000776	12/02/2021	10:50	0.329	mg/L
2021000834	16/02/2021	09:30	0.294	mg/L
2021000904	18/02/2021	10:33	0.233	mg/L
2021001024	24/02/2021	10:00	0.192	mg/L
2021001071	26/02/2021	12:10	0.205	mg/L
2021001167	2/03/2021	09:15	0.142	mg/L
2021001249	4/03/2021	12:27	0.253	mg/L
2021001463	10/03/2021	11:11	0.137	mg/L
2021001515	12/03/2021	11:10	0.258	mg/L
2021001627	16/03/2021	11:50	0.143	mg/L
2021001702	18/03/2021	09:20	0.148	mg/L
2021001898	24/03/2021	11:10	0.146	mg/L
2021002058	30/03/2021	13:45	0.188	mg/L
2021002209	7/04/2021	10:13	0.166	mg/L
2021002337	13/04/2021	13:32	0.226	mg/L
2021002421	15/04/2021	09:44	0.296	mg/L
2021002510	20/04/2021	12:33	0.305	mg/L
2021002562	22/04/2021	09:25	0.175	mg/L
2021002649	28/04/2021	12:56	0.148	mg/L
2021002728	3/05/2021	09:51	0.142	mg/L
2021002826	6/05/2021	11:30	0.252	mg/L
2021002909	11/05/2021	11:10	0.335	mg/L
2021003006	13/05/2021	11:53	0.332	mg/L
2021003062	17/05/2021	13:00	0.260	mg/L
2021003140	19/05/2021	09:19	0.328	mg/L
2021003282	25/05/2021	09:05	0.296	mg/L
2021003364	27/05/2021	09:25	0.411	mg/L
2021003412	31/05/2021	08:40	0.223	mg/L
2021003871	14/06/2021	11:42	0.120	mg/L
2021003948	16/06/2021	11:50	<0.0500	mg/L
2021004117	22/06/2021	11:19	0.285	mg/L
2021004421	2/07/2021	12:09	0.263	mg/L
2021004580	7/07/2021	08:35	0.188	mg/L
2021004672	13/07/2021	08:34	0.078	mg/L
2021004748	15/07/2021	13:11	0.062	mg/L
2021004942	22/07/2021	09:10	0.061	mg/L
2021005061	28/07/2021	10:38	0.225	mg/L

2021005201	2/08/2021	11:56	0.071	mg/L
2021005314	5/08/2021	08:20	0.057	mg/L
2021005608	16/08/2021	11:10	<0.0500	mg/L
2021005678	18/08/2021	09:54	<0.0500	mg/L
2021006004	9/09/2021	15:30	0.055	mg/L
2021006102	13/09/2021	11:50	<0.0500	mg/L
2021006157	15/09/2021	11:09	0.057	mg/L
2021006325	21/09/2021	13:11	0.055	mg/L
2021006479	27/09/2021	09:45	0.107	mg/L
2021006615	1/10/2021	11:25	0.156	mg/L
2021007462	19/11/2021	09:35	0.163	mg/L
2021007641	24/11/2021	11:40	0.220	mg/L
2021007736	26/11/2021	10:40	0.273	mg/L
2021007788	30/11/2021	09:40	0.218	mg/L
2021007870	2/12/2021	09:45	0.167	mg/L
2021008095	8/12/2021	12:23	0.212	mg/L
2021008162	10/12/2021	08:06	0.221	mg/L
2021008302	15/12/2021	12:47	0.356	mg/L
2021008343	17/12/2021	12:23	0.391	mg/L
2021008372	20/12/2021	12:20	0.310	mg/L
2021008506	23/12/2021	10:25	0.270	mg/L
2021008584	29/12/2021	11:34	0.258	mg/L
2021008607	30/12/2021	13:20	0.150	mg/L
2021008678	5/01/2022	13:19	0.202	mg/L
2022000037	7/01/2022	11:05	0.224	mg/L
2022000055	10/01/2022	11:00	0.328	mg/L
2022000214	13/01/2022	10:15	0.180	mg/L
2022000342	17/01/2022	12:05	0.128	mg/L
2022000465	20/01/2022	11:25	0.067	mg/L
2022000573	25/01/2022	09:00	0.069	mg/L
2022000705	28/01/2022	11:15	0.064	mg/L
2022000775	2/02/2022	09:20	<0.0500	mg/L
2022000844	4/02/2022	10:45	<0.0500	mg/L
2022000875	8/02/2022	08:07	0.056	mg/L
2022000960	10/02/2022	10:37	0.088	mg/L
2022001036	14/02/2022	11:40	0.084	mg/L
2022001109	16/02/2022	10:34	0.075	mg/L
2022001196	18/02/2022	09:28	0.055	mg/L
2022001214	21/02/2022	10:50	0.074	mg/L
2022001322	24/02/2022	11:15	0.082	mg/L
2022001418	28/02/2022	08:18	0.114	mg/L

Parameter Fluoride
Supply Taitua Arboretum
Site Taitua Arboretum Drinking-water Tap
Method Ion Selective Electrode
Frequency Ad-hoc
Purpose Source water fluoride levels

Sample Number	Sampling Date	Time Sampled	Result	Units
2020000377	16/01/2020	08:16	0.07	mg/L
2020000421	16/01/2020	08:27	0.07	mg/L
2020002650	20/03/2020	12:22	0.06	mg/L
2020002651	20/03/2020	12:03	0.06	mg/L
2021000995	24/02/2021	14:15	0.08	mg/L
2021000996	24/02/2021	13:45	0.08	mg/L