

9 September 2024

OIA-737

7(2)(a)

Tēnā koe

Response to your information request - Fluoride in council water supply and Wastewater Treatment Plants

I refer to your request received on the 11 August 2024 seeking clarification on information included in the LGOIMA response dated 1 August 2024 – ref OIA-717.

Your request is responded to in accordance with the Local Government Official Information and Meetings Act (LGOIMA) 1987 and provided in the appendix on the next page.

Please note that it is our policy to proactively release our responses to official information requests where possible. Our response to your request will be published shortly at <https://www.wellingtonwater.co.nz/about-us/official-requests/official-information-act-responses/> with your personal information removed.

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.

If you wish to discuss this decision with us, please feel free to email us at official.information@wellingtonwater.co.nz

Nāku noa, nā



**Group Manager
Network Management**

APPENDIX

Fluoridation of Wellington Water supplies

Both Hydrofluorosilicic acid (HFA) and Sodium Silicofluoride (SSF) are used by Wellington Water.

1. Which fluoridation chemical is used at which water treatment plant?
2. How much of each fluoridation chemical is used annually, at each water treatment plant?
3. What is the annual cost for fluoridation at each water treatment plant?
6. How many tonnes of each fluoride chemical are used at each water treatment plant per year?

Please refer to the following table that answers questions 1-3 & 6:

Water treatment plant	Fluoridation chemical	Amount used (annual average) -tonnes	Cost * (annual average)
Te Marua	HFA	115	\$56,350.00
Gear Island	HFA	90	\$44,100.00
Wainuiomata	SSF	36	\$86,040.00
Waterloo	SSF	24	\$24,000.00

* Unit cost of HFA is \$0.49/kg, SSF \$2.39/kg

4. What is the annual cost for testing at each water treatment plant?

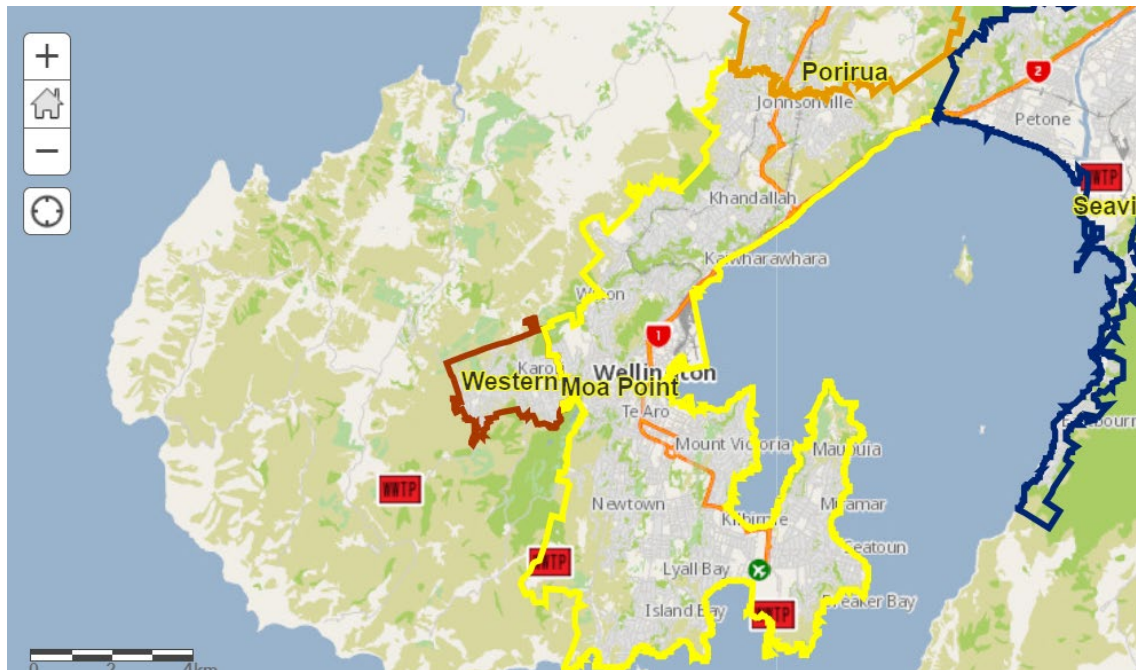
\$17,440 excl GST for laboratory testing for 2023 for all water treatment plant sites. This figure cannot be broken by treatment plant. We also have a number of analysers throughout the network continuously monitoring fluoride levels in the region.

5. What is the cost per tonne for Sodium Silicofluoride?
\$2,390

Wastewater treatment plants

1. What area does Moa Point wastewater treatment plant serve?
2. What area does Western wastewater treatment plant serve?

Please refer to the map below that shows the area of the the Moa Point and Western Wastewater treatment plants:



3. Where is the chief discharge from the Sea view wastewater treatment plant currently?

Please refer to :

<https://www.wellingtonwater.co.nz/resources/topic/wastewater/wastewater-treatment-plants/seaview-wastewater-treatment-plant/>

4. Does this discharge to the Waiwhetu Stream or is that only overflows during storms?

Please refer to the answer to #3

