



Notice of Meeting and Meeting Agenda Fulford Water Service Commission

Tuesday, June 3, 2025

1:00 PM

SIMS Boardroom
124 Rainbow Road
Salt Spring Island BC

Annual General Meeting

MS Teams Link: [Click here](#)

C. Eyles, G. Holman, A. Martin, D. Thompson, B. Walker

The Capital Regional District strives to be a place where inclusion is paramount and all people are treated with dignity. We pledge to make our meetings a place where all feel welcome and respected.

Purpose of the Annual General Meeting

The agenda for the Annual General Meeting (AGM) is approved by the members of the Commission. The purposes (and hence the agenda items) of the meeting are:

- *To have the last year's AGM minutes approved (by Commission members), and to present reports on the work of the Commission on the past year's operation, maintenance, capital upgrades and financial information of the service to the service residents and owners,*
- *To nominate members for appointment to the Commission, and*
- *To enable the public to share comments on subjects which relate to the work of the Commission. The Commission can identify (under "new business") issues on which it wants feedback at the meeting. Motions raised by the public at the AGM will be considered by the commission at a subsequent regular meeting.*

The Annual General Meeting is for the 2024 fiscal year.

1. Territorial Acknowledgment

2. Election of Chair

3. Approval of Agenda

4. Adoption of Minutes

4.1. [25-0641](#) Minutes of October 21, 2024 Fulford Water Commission

Recommendation: That the minutes of the October 21, 2024 meetings be adopted as circulated.

Attachments: [Minutes: October 21, 2024](#)

5. Director and Chair's Report**6. Report****6.1.** [25-0579](#) Fulford Water Service Annual Report 2024

Recommendation: There is no recommendation. This report is for information only.

Attachments: [Fulford Water Service Annual Report 2024](#)
 [Appendix A: 2024 Statement of Operations and Reserve Balances](#)

7. Election of Commissioner

1 Position

8. New Business

None

9. Outstanding Business**9.1.** [25-0645](#) Historical Consumption Data for Non-Residential Properties

Recommendation: There is no recommendation, this report is for information only.

Attachments: [Staff Report: Historical Consumption Data for Non-Residential Properties](#)
 [Appendix A: Fulford Water Service Non-Residential Consumption](#)

10. Adjournment**Next Meeting:**

TBA

Meeting Minutes - Draft

Fulford Water Service Commission

Monday, October 21, 2024

1:00 PM

**SIMS Boardroom
124 Rainbow Road
Salt Spring Island BC**

Annual General Meeting

PRESENT:

COMMISSION MEMBERS: C. Eyles (Chair), A. Martin, D. Thompson, B. Walker

STAFF: D. Ovington, Senior Manager, SSI Administration, V. Somosan, Senior Manager, Financial Services/ Deputy CFO, J. Bilodeau, Manager, Local Services Water and Wastewater Ops., D. Olafson, Manager SSI Engineering, D. Robson, Manager Saanich Peninsula Gulf Island Ops, L. Xu, Manager, Finance Services, K. Vincent, Senior Financial Advisor, Finance Services (EP), and M. Williamson, Committee Clerk, (Recorder)

ABSENT: G. Holman,

Electronic Participation- (EP)

These minutes follow the order of the agenda although the sequence may have varied.

The meeting was called to order at 01:09 pm.

1. Territorial Acknowledgment

Commissioner Eyles provided a Territorial Acknowledgement.

2. Approval of Agenda

MOVED By Commissioner Martin, **SECONDED** by Commissioner Walker,
That agenda for the October 21, 2024, Annual General Meeting of the Fulford
Water Services Commission be approved as presented.
CARRIED

3. Adoption of Minutes

3.1. Minutes of June 12, 2023 and May 24, 2024 Fulford Water Service Commission

MOVED By Commissioner Walker SECONDED by Commissioner Martin,
That the minutes of June 12, 2023 Special Meeting be adopted as circulated.

AND

That the minutes of June 12, 2023 Annual General Meeting (AGM) be adopted as amended with the following amendments.

-That the words "Cedar Lane" be replaced with the word "Fulford" after the words "...Commissioner Eyles, that the" and before the words "Water Service Commission..."

-The addition of the word "CARRIED" after the words "...adjourn the meeting at 10:52am"

AND

That the minutes of May 24, 2024 Special Meeting be adopted as amended with the following amendments.

-The Addition of the words "GUEST: D. Fullbrook, Merchant House Capital (EP), I. Sander, McElhanney (EP), Electronic Participation- (EP)" after the words "... Committee Clerk, (Recorder)" and before the words "These minutes follow..."

-That the words "Ganges Sewer" be replaced with the word "Fulford" after the words "...Chair of the" and before the words "Local Services Commission..."

-The addition of the words "(electronic participation)" after the words "D. Fullbrook" and before the words "spoke regarding item 5.1."

-That the word "apart" be replaced with the words "a part" after the words "...apply to be" and before the words "of the service area..."

-The removal of the words "-Pipe sizes based on possible growth but not on required growth. -4.5 L/s capacity of treatment plant. 2.8 L/s is projected capacity for project and current properties" after the words "... service area to connect"

-That the words "in person" be replaced with the words "a in-person" after the words "...provided and discussed" and before the "meeting with the..."

-That the words "Local Community" be replaced with the words "Fulford Water Service" after the words "That the" and before the words "Commission adjourn the..."

CARRIED

4. Director and Chair's Report

Commissioner Eyles spoke regarding:

-Commissioner Don Thompson joining the commission

-Possible change in consumption based on different user demographics

-Water conservation

5. Report

5.1. Fulford Water Service Annual Report 2023

D. Robson presented the report.

This report was received for information.

- Water leak investigation led to 3 lines not in use being discovered and abandoned.

6. Election of Commissioner

Request for volunteers was advertised as per the requirements and staff confirmed no new nominations were received.

Commissioners Martin, Thompson, and Walker have emailed their intent to serve on the commission for the January 1, 2024 to December 31, 2025 term.

7. New Business

There was no new business.

8. Outstanding Business

There was no outstanding business.

10. Adjournment

**MOVED By Commissioner Martin, SECONDED by Commissioner Thompson,
That the Fulford Water Service Commission adjourn the meeting at 01:36pm.
CARRIED**

CHAIR

SENIOR MANAGER

Fulford Water Service

2024 Annual Report



INTRODUCTION

This report provides a summary of the Fulford Water Service for 2024. It includes a description of the service, summary of the water supply, demand, and production, drinking water quality, operations highlights, capital project updates and financial report.

SERVICE DESCRIPTION

The Fulford Water Utility is a semi-rural residential community located on Salt Spring Island. It services the Fulford Elementary School and a small commercial component, including the BC Ferries Terminal. The service was created in 1968 as the Fulford Water Improvement District and became a CRD service in 2004. The Fulford Water Utility (Figure 1) is comprised of 102 parcels of land with 95 single-family equivalents (SFE) as the use on some parcels represents more than one dwelling.

The utility obtains its drinking water from Lake Weston, a small lake that lies within an uncontrolled multi-use watershed outside and northeast of the service area. The Capital Regional District (CRD) holds two licenses to divert a total of up to 291.6 cubic metres per day and store up to 49,339 cubic metres. Lake Weston is estimated to have a total volume of 1,090,000 cubic metres. Lake Weston is subject to seasonal water quality changes and is affected by periodic algae blooms.

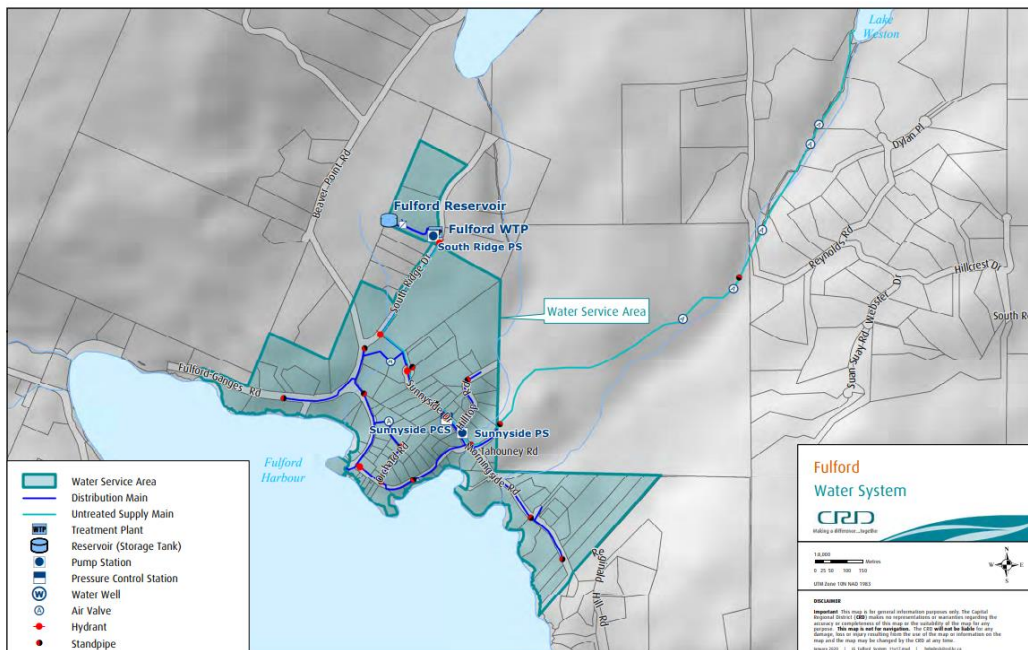


Figure 1: Fulford Water Service

The Fulford water system is primarily comprised of:

- a water treatment plant (WTP) that draws water from Lake Weston and treats it at a location on South Ridge Drive, adjacent to the Fulford Elementary School. The water is treated using

a rapid mix system, flocculation, dissolved air floatation (DAF) and filters, ultraviolet disinfection, then chlorination prior to being pumped, via the distribution system to a reservoir. The water treatment plant (WTP) design flow rate is 4.5 litres/sec (60 lpm);

- one raw water pump station on Sunnyside Drive near Hilltop Road (flow rate of two pumps running is 2.3 litres/sec (30 lpm));
- approximately 4,500 m of water distribution pipe;
- 1 water reservoir – 360 m³ (80,000 l);
- fire hydrants, standpipes, and gate valves;
- water service connections complete with water meters to commercial properties only;
- 1 pressure regulating station (PCS) on Sunnyside Drive near Hilltop Road.

WATER PRODUCTION AND DEMAND

Annual water production since 2020 is shown in Figure 2. A total of 24,701 m³ water was extracted from Lake Weston in 2024. This is a 14% decrease from the previous year and an 18% decrease from the 5-year rolling average.

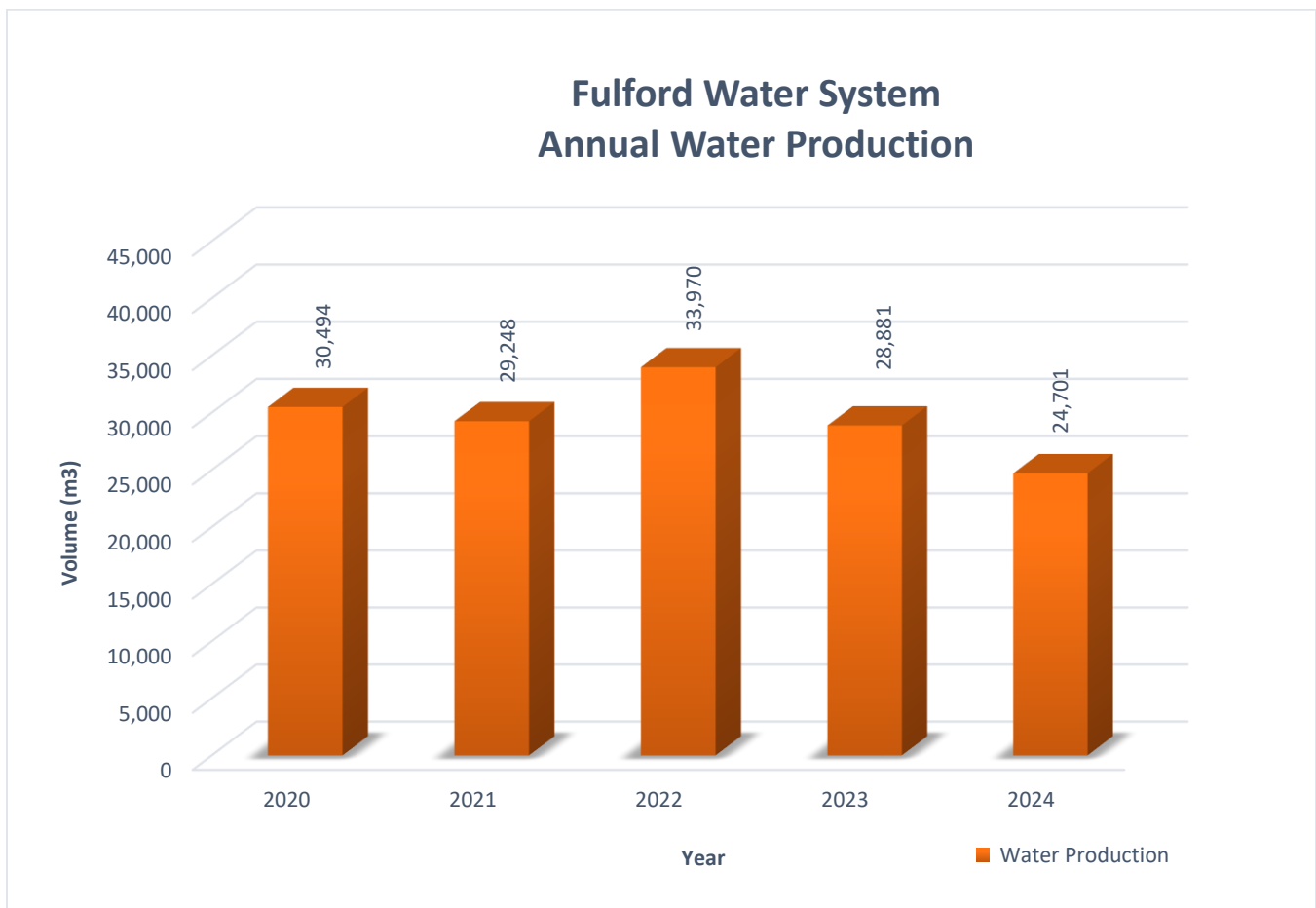


Figure 2: Fulford Water Service Annual Water Production

Water production by month for the past five years is shown in Figure 3. The monthly water production trends are typical for small water systems such as the Fulford water system. Water production from the fall of 2020 and 2022 were higher due to water system leaks that were difficult to locate.

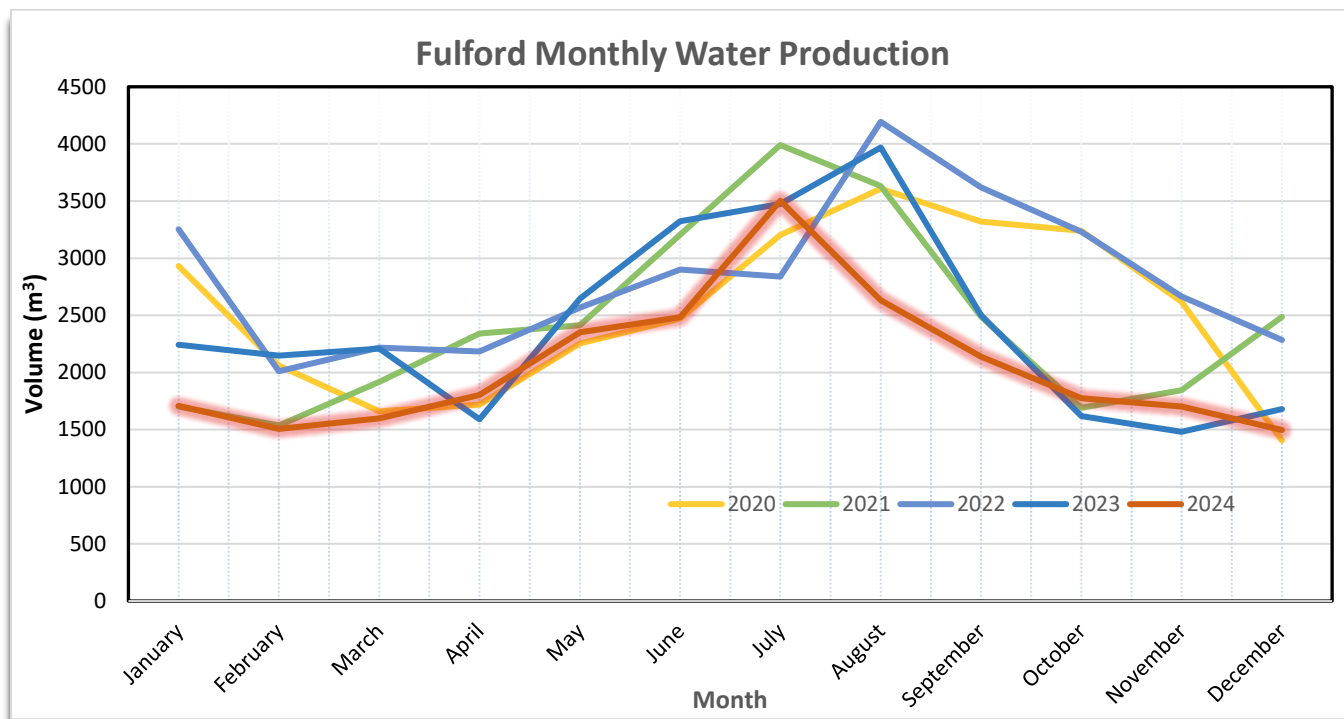


Figure 3: Fulford Water Service Monthly Water Production

The Fulford Water System does not have residential water meters and therefore the average per single-family equivalent (SFE) is simply a calculated value. Utilizing 95 SFE and deducting an allowance of 20% for non-revenue water such as water system leaks, fire hydrant usage and water system maintenance and operational use (water main flushing, filter system backwashing), the average SFE is 208 m3 per year for 2024. This is a 14% decrease from the previous year.

WATER QUALITY

Overall, the Fulford Water System provided good quality drinking water to its customers in 2024. Numerous samples for a variety of water quality parameters were collected and analysed throughout the year. The results confirmed that the DAF and disinfection treatment stages were effective in treating raw water from Lake Weston.

Typical Fulford drinking water quality characteristics for 2024 are summarized as follows:

Raw Water:

Lake Weston exhibited low concentrations of total coliform bacteria (TC) throughout most parts of the year with higher concentrations during the summer months. *E.coli* bacteria were only found in very low concentrations in the summer.

No parasitic cysts (*Giardia*) and no of parasitic oocysts (*Cryptosporidium*) were detected in the raw source water from the lake.

Raw water from the lake was slightly hard (annual median 35.6 mg/L CaCO₃).

A total organic carbon (TOC) concentration range from 5.9 to 7.1 mg/L indicates a mesotrophic (semi-productive) lake status. This has been slightly higher than in previous years.

Four metal test results showed low iron and manganese concentrations in the raw water throughout most of the year but elevated concentrations above the aesthetic objective in the Guidelines for Canadian Drinking Water Quality (GCDWQ) during spring. Either of these metals in exceedance of the aesthetic objectives can cause, if untreated, aesthetic issues such as water discolouration. The raw water colour was consistently elevated above the aesthetic objective, which may be a result of tannin and lignin, all natural components found in local lakes.

The raw water turbidity (cloudiness) was generally below 1 NTU except for June when the raw water entering the treatment plant was 3.5 NTU.

CRD staff tested raw water entering the treatment plant for per- and polyfluoroalkyl substances (PFAS) in the fall of 2024. The result was non-detect with a detection limit of 4 ng/L or less.

Treated Water:

Treated water was bacteriologically safe to drink; no indicator bacteria were found in any sample throughout the year.

Treated water turbidity leaving the treatment plant was well below the GCDWQ limit of 1 NTU for the entire year. One sample from the distribution system recorded a turbidity of 6.5 NTU at the end of July. This was likely due to insufficient flushing before sampling.

TOC (median 2.55 mg/L) in the treated water was consistent with historic trends. As TOC is a precursor for disinfection by-products, concentrations consistently much higher than 2 mg/L can lead to exceedances with these substances.

Regulated disinfection by-products such as trihalomethanes (THM) were well below the GCDWQ limits (100 µg/L) with an annual average of 59.5 µg/L. Haloacetic acids (HAA) were not tested in 2024; historic data has shown that HAA concentrations are typically low when THM concentrations are low.

The water temperature was in exceedance of the aesthetic objective of 15°C from June to October 2024. There is no mitigation for this.

The free chlorine residual concentrations in the distribution system were within the desired range (0.2 – 2.2 mg/L) and indicate a mostly effective secondary disinfection process.

Table 1 and 2 below provide a summary of the 2024 raw and treated water test results.

Water Quality data collected from this drinking water system can be reviewed on the CRD website:

<https://www.crd.bc.ca/about/data/drinking-water-quality-reports/>

OPERATIONAL HIGHLIGHTS

The following is a summary of the major operational issues that were addressed during the 2024 reporting period:

Water Treatment Plant:

- Remote Terminal Control (RTU) card failed and was replaced
- Chlorine dosing pump failed and was replaced
- Pressure transducer failed and was replaced
- Replaced uninterrupted power supply (UPS) batteries

Fulford Water System:

- Water main break 2881 Fulford Ganges Rd
- Water main break on raw water line between Reynolds Chamber and Sunnyside PS
- Restore Water Service 2914 Fulford Ganges Rd. Planned night work and excavation in the road, significant work in locating service connections and troubleshooting system.
- 268 Morningside Drive service connection leak
- 118 Sunnyside service line leak
- Several power outages throughout the year that contributed to callouts

CAPITAL IMPROVEMENTS

The following is a summary of the major capital improvements, including year-end spending for 2024:

Safe Work Procedures (CE.699.4504): The work scope includes reviewing and developing safe work procedures for operational and maintenance tasks. Ongoing as capital improvements necessitate.

Project	Spending
Budget	\$11,000
Project Management	(\$457)
Contract	(\$2,292)
Supplies/Materials	(\$208)
Total Project	\$8,043

Replacement of AC Water Pipelines – Study and Design (CE.794.6001): Investigation, analysis, criticality assessment and option review to replace the asbestos cement water supply and distribution lines for the Fulford water system.

Project	Spending
Budget	\$90,000
Project Management	(\$22,319)
Contract	(\$27,367)
Balance Remaining	\$40,314

Installation of Turbidity Meter on Influent Line (CE.794.1601): Supply and install a turbidity meter on the influent line to improve water quality monitoring and process operation.

Project	Spending
Budget	\$28,000
Project Management	(\$1,757)
Equipment	(\$23,689)
Balance Remaining	\$2,554

New Pump Impellers (CE.794.1701): Replacement of impellers of pumps at Sunnyside pump station to match WTP processing capacity.

Project	Spending
Budget	\$11,000
Project Management	(\$234)
Equipment	(\$0)
Balance Remaining	\$10,766

Fulford WTP Lifting Apparatus (CE.837.2001): Support for a lifting apparatus is required at ceiling level to lift the 80lb lid for the Saturator and the confined space entry apparatus.

Project	Spending
Budget	\$55,000
Project Management	(\$5,797)
Design	(\$9,528)
Equipment	(\$6,258)
Balance Remaining	\$33,417

2024 FINANCIAL REPORT

Please refer to the attached 2024 Statement of Operations and Reserve Balances.

Revenue includes parcel taxes (Transfers from Government), fixed user fees (User Charges), water sales (Sale-Water), interest on savings (Interest earnings), transfers from the Operating Reserve Fund, and miscellaneous revenue such as late payment charges (Other revenue).

Expenses include all costs of providing the service. General government services include budget preparation, financial management, utility billing, and risk management. CRD Labour and Operating Costs include CRD staff time as well as the costs of equipment, tools, and vehicles. Debt servicing costs are interest and principal payments on long-term debt. Other Expenses include all other costs to administer and operate the water system, including insurance, water testing, and electricity.

The difference between Revenue and Expenses is reported as Net revenue (expenses). Any transfers to or from capital or reserve funds for the service (Transfers to own funds) are deducted from this amount and it is then added to any surplus or deficit carry forward from the prior year, yielding an Accumulated Surplus (or deficit). In alignment with Local Government Act Section 374 (11), any deficit must be carried forward and included in the next year's financial plan.

WATER SYSTEM PROBLEMS - WHO TO CALL:

To report any event or to leave a message regarding the Fulford water system, call either:

CRD water system *emergency call centre*: **1-855-822-4426 (toll free)**

1-250-474-9630 (toll)

CRD water system *general enquiries (toll free)*: **1-800-663-4425**

When phoning with respect to an emergency, please specify to the operator, the service area in which the emergency has occurred.

Submitted by:	Jason Dales, Senior Manager B.Sc, WD IV, Infrastructure Operations
	Glenn Harris, Ph.D., R.P.Bio., Senior Manager, Environmental Protection
	Dan Ovington, BBA , Senior Manager, Salt Spring Island Electoral Area
	Varinia Somosan, CPA, CGA, Sr. Mgr., Financial Services / Deputy CFO
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer

Appendix A: [2024 Statement of Operations and Reserve Balances](#)

For questions related to this Annual Report please email saltspring@crd.bc.ca

Table 1: 2024 Summary of Raw Water Test Results, Fulford Water System										
PARAMETER		2024 ANALYTICAL RESULTS				CANADIAN GUIDELINES	2014 - 2023 ANALYTICAL RESULTS			
Parameter	Units of	Annual	Samples	Range		≤ = Less than or equal to		Samples	Range	
Name	Measure	Median	Analyzed	Minimum	Maximum		Median	Analyzed	Minimum	Maximum
ND means Not Detected by analytical method used										
Physical Parameters/Biological										
Colour, True	TCU	23	11	19	31	≤ 15 AO	21	103	1.2	34
Hardness as CaCO ₃	mg/L	35.6	4	34.2	36.1	No Guideline Required	34.6	30	28.9	61.3
pH	pH Units	Not tested in 2024				7.0-10.5 AO	7.1	35	6.2	8
Carbon, total organic	mg/L	6.1	4	5.9	7.1		5.375	36	3.92	7
Turbidity	NTU	0.45	12	0.25	3.5		0.62	128	0.2	4.92
Water Temperature	Degrees C	10.4	27	7	17.5		12	513	2.5	20
Microbial Parameters										
Indicator Bacteria										
Coliform, Total	CFU/100 mL	39.5	12	< 1	410		26	125	<1	5500
<i>E. coli</i>	CFU/100 mL	< 1	12	< 1	1		< 1	128	<1	< 10
Hetero. Plate Count, 7 day	CFU/1 mL	Not tested in 2024					1110	39	90	3960
Parasites						No MAC Established				
<i>Cryptosporidium</i> , Total oocysts	oocysts/100 L	<1	2	<1	<1	Zero detection desirable	<1	11	<1	<1
<i>Giardia</i> , Total cysts	cysts/100 L	<1	2	<1	<1	Zero detection desirable	<1	11	<1	0.55
Algal Toxins										
Total Microcystins	ug/L	Last analyzed in 2011				1.5 MAC				
Metals										
Aluminum	ug/L as Al	25.2	4	7.7	46.2	2900 MAC / 100 OG	22.55	30	5.5	4600
Antimony	ug/L as Sb	< 0.5	4	< 0.5	< 0.5	6 MAC	< 0.5	30	< 0.5	< 0.5
Arsenic	ug/L as As	0.27	4	0.25	0.29	10 MAC	0.245	30	0.2	0.82
Barium	ug/L as Ba	6.9	4	6	7.3	100 MAC	6.4	30	5.5	< 9
Beryllium	ug/L as Be	< 0.1	4	< 0.1	0.12		< 0.1	30	< 0.1	< 3
Bismuth	ug/L as Bi	< 1	4	< 1	< 1		< 1	28	< 1	< 1
Boron	ug/L as B	< 50	4	< 50	< 50	5000 MAC	< 50	30	< 50	139
Cadmium	ug/L as Cd	< 0.01	4	< 0.01	0.01	7 MAC	< 0.01	30	< 0.01	< 0.1
Calcium	mg/L as Ca	11.35	4	11	11.5	No Guideline Required	11.15	30	9.2	17.5
Chromium	ug/L as Cr	< 1	4	< 1	< 1	50 MAC	< 1	30	< 1	< 10
Cobalt	ug/L as Co	< 0.2	4	< 0.2	< 0.2		< 0.2	30	< 0.2	< 20
Copper	ug/L as Cu	9.765	4	9.28	12.9	2000 MAC / ≤ 1000 AO	8.065	30	5.92	55
Iron	ug/L as Fe	79	4	48.9	153	≤ 100 AO	81.7	30	12	285
Lead	ug/L as Pb	0.385	4	0.32	0.47	5 MAC	0.38	30	<0.2	1.08
Lithium	ug/L as Li	< 2	4	< 2	< 2		< 2	18	< 2	< 5
Magnesium	mg/L as Mg	1.73	4	1.65	1.79	No Guideline Required	1.655	30	1.44	4.28
Manganese	ug/L as Mn	7.45	4	2.4	60.6	120 MAC / ≤ 20 AO	5.65	30	1.1	48.4
Molybdenum	ug/L as Mo	< 1	4	< 1	< 1		< 1	30	< 1	< 20
Nickel	ug/L as Ni	5.6	4	3.5	15.5		< 1	30	< 1	< 50
Potassium	mg/L as K	0.685	4	0.641	0.708		0.5685	30	0.032	0.677
Selenium	ug/L as Se	< 0.1	4	< 0.1	< 0.1	50 MAC	< 0.1	29	< 0.1	< 0.5
Silicon	ug/L as Si	1770	4	1210	2540		1930	30	2.48	10800
Silver	ug/L as Ag	< 0.02	4	< 0.02	< 0.02	No Guideline Required	< 0.02	30	< 0.02	< 10
Sodium	mg/L as Na	5.475	4	5.3	5.56	≤ 200 AO	5.32	30	3.98	9.66
Sulphur	mg/L as S	< 3	4	< 3	< 3		< 3	28	< 3	< 3
Strontium	ug/L as Sr	31.55	4	30.6	33.4	7000 MAC	31.75	30	26.3	57
Tin	ug/L as Sn	< 5	4	< 5	< 5		< 5	29	< 5	< 20
Thallium	ug/L as Tl	< 0.01	4	< 0.01	< 0.01		< 0.01	28	< 0.01	< 0.05
Titanium	ug/L as Ti	< 5	4	< 5	< 5		< 5	30	< 5	< 10
Uranium	ug/L as U	< 0.1	4	< 0.1	< 0.1	20 MAC	< 0.1	28	< 0.1	< 0.1
Vanadium	ug/L as V	< 5	4	< 5	< 5		< 5	30	< 5	< 10
Zinc	ug/L as Zn	21.95	4	17.9	32.2	≤ 5000 AO	14.15	30	7.3	297
Zirconium	ug/L as Zr	< 0.1	4	< 0.1	< 0.1		< 0.1	28	< 0.1	< 0.5

Table 2: 2024 Summary of Treated Water Test Results, Fulford Water System										
PARAMETER		2024 ANALYTICAL RESULTS				CANADIAN GUIDELINES	2014 - 2023 RESULTS			
Parameter	Units of	Annual	Samples	Range		≤ = Less than or equal to	Median	Samples Analyzed	Range	
Name	Measure	Median	Analyzed	Min.	Max.				Minimum	Maximum
ND means Not Detected by analytical method used										
Physical Parameters										
Carbon, Total Organic	mg/L as C	2.55	4	2	2.8		2.3	40	0.23	3.45
Colour, True	TCU	< 2	11	< 2	3	≤ 15 AO	< 2	37	0.7	23
Hardness as CaCO ₃	mg/L	35.15	4	33.9	35.9	No Guideline Required	33.3	22	28.8	46.7
pH	pH units	Not tested in 2024				7.0-10.5 AO	6.9	37	6.1	7.34
Turbidity	NTU	0.1	15	0.05	6.5	1 MAC and ≤ 5 AO	< 0.14	147	0.05	1.1
Water Temperature	Degress C	11	200	5	22		11	2584	0.5	24
Microbial Parameters										
Indicator Bacteria										
Coliform, Total	CFU/100 mL	< 1	75	< 1	< 1	0 MAC	< 1	563	0	9
<i>E. coli</i>	CFU/100 mL	< 1	75	< 1	< 1	0 MAC	< 1	563	0	< 1
Hetero. Plate Count, 7 day	CFU/1 mL	Not tested in 2024				No Guideline Required	< 10	40	< 10	110
Algal Toxins										
Total Microcystins	ug/L	Last analyzed in 2011				1.5 MAC				
Disinfectants										
Disinfectants										
Chlorine, Free Residual	mg/L as Cl ₂	0.59	206	0.2	2.2	No Guideline Required	0.65	2752	0.07	2.43
Chlorine, Total Residual	mg/L as Cl ₂	1.94	1	1.94	1.94	No Guideline Required	0.79	2403	0.03	2.24
Disinfection By-Products										
Trihalomethanes (THMs)										
Bromodichloromethane	ug/L	12.5	4	12	14		12.8	39	8	24
Bromoform	ug/L	< 1	4	< 1	< 1		< 1	39	< 0.1	< 1
Chloroform	ug/L	45	4	33	56		52	37	32	130
Chlorodibromomethane	ug/L	1.85	4	1.7	2.1		1.65	39	< 0.1	5.46
Total Trihalomethanes	ug/L	59.5	4	47	72	100 MAC	66.7	39	41	160
HAA5	ug/L	Not tested in 2024					28.6	9	5.1	44
Metals										
Aluminum	ug/L as Al	10.7	4	9.5	12.5	2900 MAC / 100 OG	11.7	23	7.3	228
Antimony	ug/L as Sb	< 0.5	4	< 0.5	< 0.5	6 MAC	< 0.5	22	< 0.5	< 0.5
Arsenic	ug/L as As	0.155	4	0.11	0.17	10 MAC	0.13	22	< 0.1	0.837
Barium	ug/L as Ba	6.05	4	5.9	6.9	100 MAC	6.05	22	5.2	< 9
Beryllium	ug/L as Be	< 0.1	4	< 0.1	< 0.1		< 0.1	22	< 0.1	< 3
Bismuth	ug/L as Bi	< 1	4	< 1	< 1		< 1	20	< 1	< 1
Boron	ug/L as B	< 50	4	< 50	< 50	5000 MAC	< 50	22	< 50	161
Cadmium	ug/L as Cd	< 0.01	4	< 0.01	< 0.01	7 MAC	< 0.01	22	< 0.01	< 0.1
Calcium	mg/L as Ca	11.3	4	10.9	11.5	No Guideline Required	10.7	22	9.2	15.6
Chromium	ug/L as Cr	< 1	4	< 1	< 1	50 MAC	< 1	22	< 1	< 10
Cobalt	ug/L as Co	< 0.2	4	< 0.2	< 0.2		< 0.2	21	< 0.2	< 20
Copper	ug/L as Cu	5.485	4	1.23	30.8	2000 MAC / ≤ 1000 AO	19.1	22	2.99	130
Iron	ug/L as Fe	< 5	4	< 5	11.5	≤ 100 AO	< 5	22	< 5	27
Lead	ug/L as Pb	0.595	4	0.23	0.67	5 MAC	0.62	22	0.23	2.43
Lithium	ug/L as Li	< 2	4	< 2	< 2		< 2	13	< 2	< 2
Magnesium	mg/L as Mg	1.7	4	1.62	1.76	No Guideline Required	1.605	22	0.901	1.85
Manganese	ug/L as Mn	< 1	4	< 1	< 1	120 MAC / ≤ 20 AO	< 1	22	< 1	< 4
Molybdenum	ug/L as Mo	< 1	4	< 1	< 1		< 1	22	< 1	< 20
Nickel	ug/L as Ni	< 1	4	< 1	< 1		< 1	22	< 1	< 50
Potassium	mg/L as K	0.6805	4	0.642	0.682		0.5655	22	< 0.03	0.651
Selenium	ug/L as Se	< 0.1	4	< 0.1	< 0.1	50 MAC	< 0.1	21	< 0.1	< 0.5
Silicon	ug/L as Si	1665	4	1120	2370		1780	22	3.17	3390
Silver	ug/L as Ag	< 0.02	4	< 0.02	< 0.02	No Guideline Required	< 0.02	22	< 0.02	< 10
Sodium	mg/L as Na	8.435	4	7.46	9.63	≤ 200 AO	7.115	22	6.32	8.11
Sulphur	mg/L as S	< 3	4	< 3	< 3		< 3	20	< 3	< 3
Strontium	ug/L as Sr	31.1	4	29.7	33.4	7000 MAC	31.3	22	26.2	39
Tin	ug/L as Sn	< 5	4	< 5	< 5		< 5	21	< 5	< 20
Thallium	ug/L as Tl	< 0.01	4	< 0.01	< 0.01		< 0.01	20	< 0.01	< 0.01
Titanium	ug/L as Ti	< 5	4	< 5	< 5		< 5	22	< 5	< 10
Uranium	ug/L as U	< 0.1	4	< 0.1	< 0.1	20 MAC	< 0.1	20	< 0.1	< 0.1
Vanadium	ug/L as V	< 5	4	< 5	< 5		< 5	22	< 5	< 10
Zinc	ug/L as Zn	12.8	4	8.5	44.6	≤ 5000 AO	26	22	1	186
Zirconium	ug/L as Zr	< 0.1	4	< 0.1	< 0.1		< 0.1	20	< 0.1	< 0.1

CAPITAL REGIONAL DISTRICT

FULFORD WATER

Statement of Operations (Unaudited)

For the Year Ended December 31, 2024

	2024	2023
Revenue		
Transfers from government	55,230	50,212
User Charges	164,298	149,359
Sale - Water	27,797	23,525
Other revenue from own sources:		
Interest earnings	792	53
Transfer from Operating Reserve	20,000	-
Other revenue	709	928
Total Revenue	268,826	224,077
Expenses		
General government services	7,530	8,429
Contract for Services	9,808	8,374
CRD Labour and Operating costs	114,064	91,931
Debt Servicing Costs	15,512	15,502
Supplies	18,403	18,715
Other expenses	27,713	23,426
Total Expenses	193,030	166,377
Net revenue (expenses)	75,796	57,700
Transfers to own funds:		
Capital Reserve Fund	63,796	42,600
Operating Reserve Fund	12,000	15,100
Annual surplus/(deficit)	-	-
Accumulated surplus/(deficit), beginning of year	-	-
Accumulated surplus/(deficit), end of year	\$ -	-

CAPITAL REGIONAL DISTRICT

FULFORD WATER

Statement of Reserve Balances (Unaudited)

For the Year Ended December 31, 2024

	Capital Reserve	
	2024	2023
Beginning Balance	49,940	29,584
Transfer from Operating Budget	63,796	42,600
Transfer from Completed Capital Projects	10,000	-
Transfer to Capital Project	(24,000)	(23,500)
Interest Income	1,445	1,256
Ending Balance	101,181	49,940

	Operating Reserve	
	2024	2023
Beginning Balance	19,903	4,404
Transfer from Operating Budget	12,000	15,100
Transfer to Operating Budget	(20,000)	-
Interest Income	871	399
Ending Balance	12,774	19,903

**REPORT TO FULFORD WATER SERVICE COMMISSION
MEETING OF TUESDAY, JUNE 03, 2025**

SUBJECT **Historical Consumption Data for Non-Residential Properties**

ISSUE SUMMARY

To provide the Fulford Water Commission with historical consumption data for the last five years.

BACKGROUND

At the October 21, 2024, 2.626 Fulford Water Service budget meeting the commission passed the following motion.

That the Fulford Water Service Commission request staff report back to the commission regarding historical consumption data in the 2.626 Fulford Water Service for the non-residential properties for the last five years.

The data table and bar graph (Appendix A) represent Fulford non-residential water consumption for the previous 5 years. A major increase in consumption of approximately 45% began in the first quarter of 2022 and continued through 2024.

Through the same period, the 5-year average production through the treatment plant was 29,459 m3 per year. By comparison, the 5-year non-residential consumption annual average was 4,761 m3 per year. Therefore, the non-residential consumption represents approximately 16% of the total water produced through that same period.

CONCLUSION

As requested by the Fulford Water Commission, staff have provided historical consumption rates for the Fulford Water Service for the non-residential properties for the last five years.

RECOMMENDATION

There is no recommendation, this report is for information only.

Submitted by:	Joel Bilodeau, Manager Local Services, Water and Wastewater Operations
Concurrence:	Dan Ovington, BBA, Senior Manager, Salt Spring Island Administration

ATTACHMENTS

Appendix A – Fulford Water Service Non-Residential Consumption

Appendix A – Fulford Water Service Non-Residential Consumption

Consumption (Cubic Meters) per Quarter						
Year	Number of users	Quarter 1 Jan-Mar	Quarter 2 Apr-Jun	Quarter 3 Jul-Sep	Quarter 4 Oct-Dec	Annual Total M ³
2020	13	1,092	605	850	1,083	3,630
2021	12	812	901	1,266	826	3,805
2022	12	1,210	1,525	1,207	1,480	5,422
2023	12	1,082	1,303	1,179	1,563	5,127
2024	12	1,466	1,680	1,609	1,067	5,822

