

CEDAR LANE WATER SERVICE COMMISSION ANNUAL GENERAL MEETING

Notice of Meeting on Monday, June 5, 2023 at 12:30 pm

Salt Spring Island Multi Space (SIMS) Boardroom, 124 Rainbow Road, Salt Spring Island, BC

Gary Holman	Jason Griffin	Marianne Hobbs	Tisha Boulter
Zoom:			
https://us06web.z		8?pwd=clJwMVo5RloxaGJwLzlLe	N9OcUpnQT09

AGENDA

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 2022 fiscal year.

1.	Territorial Acknowledgment	/ Call Meeting to Order
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2. Election of Chair

3.	Арр	roval of Agenda	1-2
4.	Ado Jun	ption of Minutes of the 2021 Annual General Meeting held on e 20, 2022	3-4
5.	Dire	ctor and Chair's Report	
6.	Rep	ort	
	6.1	Annual Report for the 2022 Fiscal Year	5-12
		There is no recommendation. This report is for information only.	

- 7. New Business None
- 8. Outstanding Business None

9. Next Meeting – TBD

10. Adjournment



Minutes of the Annual General Meeting Fiscal Year 2021 of the Cedar Lane Water Service Commission Held Monday, June 20, 2022 at the Salt Spring Island Library, 129 McPhillips Avenue, BC

DRAFT

Present: CRD Director: Gary Holman Commission Members: Jason Griffin and Marianne Hobbs Staff: Karla Campbell, Senior Manager, Salt Spring Island Electoral Area, Dean Olafson, Manager SSI Engineering, Dan Robson, Manager, Saanich Peninsula and Gulf Islands Operations (Via Zoom), Lia Xu, Manager, Finance Services (Via Zoom), and Shayla Burnham, Recording Secretary Regrets: Cathy Lenihan

1. Territorial Acknowledgement / Call Meeting to Order

Chair Griffin provided the Territorial Acknowledgement and called the meeting to order at 10:00 am.

2. Approval of Agenda

MOVED by Commissioner Griffin, **SECONDED** by Commissioner Hobbs, that the Cedar Lane Water Service Commission 2021 Annual General Meeting Agenda of June 20, 2022 be approved.

CARRIED

Lia Xu, Manager, Finance Services joined the meeting via Zoom at 10:02 am.

3. Adoption of Minutes from the 2020 Annual General Meeting held on November 8, 2021

MOVED by Commissioner Griffin, **SECONDED** by Commissioner Hobbs, that the Cedar Lane Water Service Commission approve the 2020 Annual General Meeting Minutes dated November 8, 2021.

CARRIED

4. Director and Chair's Report

Director Holman briefly reported:

• The Local Community Commission (LCC) Advisory Committee has met three times, with a fourth meeting scheduled for Friday, June 24, 2022. Broadens representation with the possibility of consolidating island wide services under an elected LCC.

Chair Griffin briefly reported:

- Confirmed that manganese levels exceeded the allowable limits and that a treatment system is required. Staff confirmed a cost estimate for the treatment system is forthcoming.
- Costs concerns related to the new treatment system were expressed.
- Commissioner Griffin and Commissioner Lenihan continue to solicit potential Commissioner replacements for the 2023-2024 term.

5. Report

5.1 Annual Report for 2021 Fiscal Year

- Staff provided a brief overview of the Annual Report for the 2021 Fiscal Year.
- The Commission expressed concern for a new well on private property that was drilled in close proximity to one of their existing wells.
- Staff confirmed trucked water would be used if needed to offset emergency water shortages.

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

7. Election of Chair and Commissioners

- Request for volunteers was advertised as per the requirements and staff confirmed no new nominations were received.
- Staff to rerun ads for Commissioners prior to the budget meeting scheduled for the fall at which time the election of Chair and Commissioners will occur.

8. New Business

• The Commission requested future Annual General Meeting reports include a statement regarding outstanding debt and staff confirmed this request could be included.

9. Adjournment

MOVED by Commissioner Griffin, **SECONDED** by Commissioner Hobbs, that the meeting be adjourned at 10:25 am.

CARRIED

CHAIR

SENIOR MANAGER

Cedar Lane Water Service

2022 Annual Report

CCD | Drinking Water

INTRODUCTION

This report provides a summary of the Cedar Lane Water Service for 2022. 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 Cedar Lane Water Utility is a rural residential community located on Salt Spring Island. The service was created in 1970 and became a CRD service in 2007. The Cedar Lane Water Utility (Figure 1) is comprised of 37 parcels of land connected to the system with 39 single-family equivalents (SFE) as the use on some parcels represents more than one dwelling.



Figure 1: Cedar Lane Water Service

The Cedar Lane water system is primarily comprised of:

- two ground water source wells (#1 and #5)
- a water treatment plant (WTP) that provides primary disinfection with ultraviolet

- (UV) radiation and residual disinfection using sodium hypochlorite
- 1 water reservoir 136 m³ (30,000 lg)
- 1,260 metres of water distribution pipe
- fire hydrant, standpipes, and gate valves
- water service connections complete with water meters

WATER PRODUCTION AND DEMAND

Referring to Figure 2, 3,233 cubic meters (m³) of water was extracted (water production) from two groundwater wells in 2022; a 5% decrease from the previous year and a 10% decrease in the five-year rolling average. Water demand (customer water billing) for the service totalled 3,226 m³ of water; a 1% increase from the previous year and a 4% decrease in the five-year rolling average.



Figure 2: Cedar Lane Water Service Annual Water Production and Demand

Water production by month for the past five years is shown in Figure 3. Water consumption, for most water systems, is greatest during the summer months. Water usage for Cedar Lane is fairly consistent throughout the year likely the result of conservative indoor and outdoor water use.



Figure 3: Cedar Lane Water Service Monthly Water Production

The Cedar Lane Water System is fully metered, and water meters are read quarterly. Water meter information enables water production and consumption to be compared in order to estimate leakage losses in the distribution system. The difference between water produced and water demand (total metered consumption) is called non-revenue water and includes distribution leaks, meter error, and unmetered uses such as fire hydrant usage, distribution system maintenance and process water for the treatment plant. Non-revenue water for 2022 is under 1% which is an indicator of a very tight water system with no appreciable leaks.

WATER QUALITY

The analytical results (biological, chemical and physical parameters) of water samples collected in 2022 from the Cedar Lane Water System indicated that the water was biologically safe to drink. Naturally high manganese concentrations in the well water remain insufficiently treated and regularly exceeded the aesthetic limits in most parts of the system, and frequently, in certain parts of the system, the health limits established in the Guidelines for Canadian Drinking Water Quality (GCDWQ). Particularly, areas immediately downstream from the treatment plant are vulnerable to manganese concentrations in exceedance of the health limit. Iron and manganese precipitates have been a significant nuisance problem in parts of the Cedar Lanewater system and have caused discolouration of the drinking water. In order to meet the newly introduced health limit for manganese concentrations in drinking water, the existing treatment system must be upgraded, or a new water source must be found. A public advisory for manganese exceedance in the drinking water has been in place since July 2021.

Both wells ran very low during the dry summer and fall months. Well #1 exhibited repeatedly elevated turbidity throughout the summer and Well #5 during the wet spring in 2022.

Typical Cedar Lane Water System drinking water quality characteristics for 2022 are summarized as

follows:

- Source water from both wells was free of *E. coli* and total coliform bacteria.
- Well #1 registered periods with elevated turbidity throughout the year. The periods were as usual predominantly during the summer months when the well levels were the lowest. Well #5 had episodes of high turbidity during the spring (up to 4.9 NTU) and slightly elevated turbidity in the summer (up to 1.1 NTU. The treated water turbidity remained under 1 NTU throughout all these events. Therefore, these events have not been a public health concern yet.
- Source water is characterized as hard (136 mg/L CaCO₃).
- Both wells exhibited elevated iron and especially high manganese concentrations.
- Treated water was bacteriologically safe to drink and contained no total coliform or *E.coli* bacteria.
- Free chlorine residual concentrations were acceptable and within the desired range (i.e., 0.30 1.93 mg/L)
- Disinfection by-products: annual average trihalomethanes (THM) were well below (30.25 μ g/L) the GCDWQ limit of 100 μ g/L, haloacetic acids (HAA) were were not tested in 2022. Typically, when THM concentrations are low, HAA concentrations are also low.
- Metals were typically below all limits except for elevated manganese concentrations. The median annual manganese concentration of 84 µg/L in the treated water indicates consistent exceedance of the aesthetic objective in the GCDWQ (20 µg/L) and also frequent exceedances of the health limit 120 µg/L. The health concerning exceedances occurred mostly in parts of the system that are immediately downstream of the treatment plant. A public health advisory has been in place since July 2021. CRD staff are working on mitigation strategies for this issue.
- Between June and October, the water temperature was in exceedance of the aesthetic objective (15°C) in the distribution system.

Table 1 and 2 below provide a summary of the 2022 raw and treated water test results.

Water Quality data collected from this drinking water system can be reviewed on the CRD website: <u>https://www.crd.bc.ca/about/data/drinking-water-quality-reports</u>

OPERATIONAL HIGHLIGHTS

The following is a summary of the major operational issues that were addressed during the 2022 operating period:

- Water system leak investigations for several locations within the service area.
- Operational support for manganese water treatment capital project that included collecting and submitting water samples, providing operational data and system information.

CAPITAL IMPROVEMENTS

The following is a summary of the major capital improvements including year ending spending for 2022:

<u>Safe Work Procedures (CE.699.4505)</u>: The work scope includes reviewing and developing safe work procedures for operational and maintenance tasks. This project was completed in 2022.

Project	Spending				
Budget	\$5,330				
Contract	(\$930)				
Supplies/Materials	(\$432)				
Project Management	(\$3,878)				
Expenses	(\$90)				
Project Closed	\$0				

<u>Back-up Power Design (CE.735.4503)</u>: The work scope includes a study to provide back-up power to the service.

Project	Spending
Budget	\$5,000
Project Management	(\$49)
Balance Remaining	\$4,951

<u>Manganese Treatment System Design (CE.780.4501)</u>: This work scope includes the preliminary and detailed design for a manganese treatment system for the service. Detailed design is essentially complete with construction scheduled to take place in 2023.

Project	Spending			
Budget	\$61,500			
Project Management	(\$16,000)			
Study and Design	(\$37,451)			
Balance Remaining	\$8,049			

<u>Public Engagement for Manganese Treatment Project (CE.780.4502)</u>: Prepare and conduct public engagement presentations to inform residents of the project to seek their approval.

Project	Spending
Budget	\$5,000
Project Management	\$0
Balance Remaining	\$5,000

<u>Referendum or AAP for Manganese Treatment Project (CE.780.4503)</u>: Undertake a referendum or AAP to borrow funds to carry out the construction of the manganese treatment project.

Project	Spending
Budget	\$5,000
Project Management	\$0
Balance Remaining	\$5,000

2022 FINANCIAL REPORT

Please refer to the attached 2022 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 includes budget preparation, financial management, utility billing and risk management services. 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, supplies, 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 Cedar Lane 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.

Curb maitte d bu u	Jason Dales, Senior Manager B.Sc, WD IV, Infrastructure Operations						
Submitted by:	Glenn Harris, Ph.D., R.P.Bio., Senior Manager, Environmental Protection						
	Karla Campbell, MBA, BPA, Senior Manager, Salt Spring Island Electoral Area						
	Rianna Lachance, BCom, CPA, CA, Senior Manager Financial Services						
Concurrence:	Ted Robbins, B. Sc., C. Tech., Chief Administrative Officer						

Attachment: 2022 Statement of Operations and Reserve Balances

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

Table 1: 2022 Summary of Ray	w Water Test Re	sulte Cod	arlano M	lator Svet	m	1				
	w water restruct	20		ICAL RESULT	7111 TS	CANADIAN GUIDELINES	20	12 - 2021 A		
Parameter	Linits of	Δnnual	Samples	Ra	nge	CANADIAN GOIDEEINES	20	Samples	R	ange
Name	Measure	Median	Analyzed	Minimum	Maximum	\leq = Less than or equal to	Median	Analyzed	Minimum	Maximum
ND means Not Detected by analytical m	nethod used		, í							
		Р	hvsical	Paramet	ers/Biolo	ogical				
Colour. True	TCU	1	Last analy	zed in 2013		≤ 15 AO	2.785	2	2.49	3.08
Hardness as CaCO ₃	mg/L	136	8	109	177	No Guideline Required	131	60	98.1	188
pH	pH Units	7.1	2	6.9	7.3	7.0-10.5 AO	7.4	44	7	8.6
Total Organic Carbon	mg/L	1.01	8	0.69	1.3		1.15	40	< 0.5	2.35
Turbidity	NTU	0.325	24	0.05	4.9		0.45	119	< 0.14	23
Water Temperature	Degrees C	13	28	10	15	≤ 15 AO	12.5	270	5	17
			Micr	obial Par	rameters					
Indicator Bacter	ia									
Coliform, Total	CFU/100 mL	< 1	24	< 1	< 1		< 1	222	< 1	800
E. coli	CFU/100 mL	< 1	24	<1	< 1		< 1	221	< 1	19
Hetero. Plate Count, 35C (2 day)	CFU/1 mL		Last teste	ed in 2014						
Barasitos	<u> </u>					No MAC Established				
Falasites						NO WAG Established		1 1		
Cryptosporidium. Total oocysts	oocysts/100 L		Last teste	ed in 2014		Zero detection desirable	<1	1	<1	<1
<i>Giardia</i> , Total cysts	cysts/100 L		Last teste	ed in 2014		Zero detection desirable	<1	1	<1	<1
	•	8		Metal	s	•		• •		
	1									
Aluminum	ug/Las Al	< 3	8	< 3	49	2000 MAC / 100 OC	< 3	60	< 3	96
Antimony	ug/Las Sh	< 0.5	8	< 0.5	< 0.5	6 MAC	< 0.5	60	< 0.5	< 0.5
Arsenic	ug/L as As	0.325	8	0.17	1.18	10 MAC	0.37	60	0.14	1.64
Barium	ug/L as Ba	7.65	8	4.4	13.3	1000 MAC	9.1	60	4.4	15
Beryllium	ug/L as Be	< 0.1	8	< 0.1	< 0.1		< 0.1	60	< 0.1	< 3
Bismuth	ug/L as Bi	< 1	8	< 1	< 1		< 1	56	< 1	< 1
Boron	ug/L as B	53.5	8	< 50	63	5000 MAC	56	60	< 50	494
Cadmium	ug/L as Cd	< 0.01	8	< 0.01	< 0.01	5 MAC	< 0.01	60	< 0.01	< 0.1
Calcium	mg/L as Ca	41.55	8	32.4	55.4	No Guideline Required	39.65	60	29.1	58.3
Chromum	ug/L as Cr	<1	8	< 1	< 1	50 MAC	< 1	60	< 1	< 10
Copper	ug/Las Cu	2 91	8	0.2	4 33	2000 MAC / < 1000 AO	< 0.2 2 12	60	0.46	21.5
Iron	ug/L as Fe	138	8	23.3	2310	< 300 AO	113.5	60	11.4	4170
Lead	ug/L as Pb	0.375	8	< 0.2	3.08	5 MAC	< 0.5	60	< 0.2	9.29
Lithium	ug/L as Li	16.45	8	14.5	18.2		17.7	31	14.7	21.4
Magnesium	mg/Las Mg	7.955	8	6.65	9.92	No Guideline Required	7.94	60	6.15	10.8
Manganese	ug/L as Mn	394.5	8	351	507	120 MAC / ≤ 20 AO	397	70	4.1	1140
Molybdenum	ug/L as Mo	< 1	8	<1	< 1		< 1	60	< 1	< 20
Nickel	ug/L as Ni	< 1	8	<1	2.1		< 1	60	< 1	< 50
Potassium	mg/L as K	0.2435	8	0.214	0.285	50 140 0	0.257	60	< 0.03	0.44
Silicon	ug/Las Se	9865	0 8	< 0.1 8840	11200	50 MAC	< 0.1 0645	60	< 0.1 7260	11700
Silver		< 0.02	8	< 0.02	< 0.02	No Guideline Required	< 0.02	60	< 0.02	< 10
Sodium	mg/L as Na	51.85	8	40.2	60.9	≤ 200 AO	53.2	60	37.6	78.9
Strontium	ug/L as Sr	442	8	348	531	7000 MAC	401.5	60	294	578
Sulphur	mg/L as Si	6.35	8	3.8	7.8		6.45	56	3.7	8.8
Tin	ug/L as Sn	< 5	8	< 5	< 5		< 5	60	< 5	< 20
Titanium	ug/L as Ti	< 5	8	< 5	< 5		< 5	60	< 5	< 10
Thallium	ug as Tl	< 0.01	8	< 0.01	< 0.01		< 0.01	56	< 0.01	< 0.05
Uranium	ug/L as U	< 0.1	8	< 0.1	0.1	20 MAC	< 0.1	56	< 0.1	0.14
Vanadium	ug/L as V	< 5	8	< 5	< 5		< 5	60	< 5	< 10
Zirconium		0.45 < 0.1	8	< 0.1	< 0.1	≤ 5000 AU	9.0 < 0.1	56	< 0.1	<05
	uy/L as Zi	∼ 0.1	0	> 0.1	~ 0.1		~ 0.1	50	<u>∼ 0.1</u>	~ 0.0

Partneric Usite of Nation Analysis Partneric Material Partneric Material State Hight for database Material State Material	IE 2: 2022 Summary of T PARAMETER	reated Water T	est Results	6, Cedar L 22 ANALYT	ane Wate	r System TS	CANADIAN GUIDELINES		2012 - 2022		AL RESULTS
Name Lessure Material Sectors Product and original Material Sectors Material Sector Material Sector Material Sector Material	Parameter	Units of	Annual	Samples	Rai	nge	• 1 · · · · · · · · · · · · · · · · · ·		Samples		Range
Balancy, Total mgL Last ansister in 2012 211 1 2 1 1 2 1 2 1 2 1 1 2 1 2 1 2 1 1 2 1 1 2 1 1 2 2 1	Name	Measure	Median	Analyzed	Minimum	Maximum	\leq = Less than or equal to	Median	Analyzed	Minimum	Maximum
Project Parameters Abalmin, Total Conto, foto Zyman, Parameters, Colspan=12, Co	eans Not Detected by analytical	method used									
Mathem Y, Triad reg. (Dombar, Twie Opene, Tou reg. (Lat standard in 2000 1 2 2 1 2 4 0 1 2 4 0 1 2 1 2 4 0 1 1 2 4 0 1 1 2 4 0 1 1 2 4 0 1 1 2 4 0 1 1 2 1 1 2 1 1 2 1 1 2 1 1 2 1 <th1< th=""> <t< td=""><td></td><td></td><td></td><td>P</td><td>hysical</td><td>Paramet</td><td>ers</td><td></td><td></td><td></td><td></td></t<></th1<>				P	hysical	Paramet	ers				
Cohon, Toda Open Sister Toda Sister Sister <th< td=""><td>Alkalinity Total</td><td>ma/l</td><td></td><td>Last analy</td><td>zed in 2012</td><td></td><td></td><td>211</td><td>1</td><td>211</td><td>211</td></th<>	Alkalinity Total	ma/l		Last analy	zed in 2012			211	1	211	211
Charter Transmom TOU Last analyzed in 2000 5 5 5 70 Col Col<	Carbon Total Organic	mn/Las C	1	4	0.84	13		11	26	< 0.3	2.52
Conductivity 10/2000 Least analyzed in 2000 Least analyzed in 2000 <thleast 2000<="" analyzed="" in="" th=""> Least analyzed in 2000<td>Colour, Truo</td><td>TOU</td><td>•</td><td></td><td>7 od in 2000</td><td>1.5</td><td>< 15 A O</td><td>1.1</td><td>20</td><td>× 0.5</td><td>2.52</td></thleast>	Colour, Truo	TOU	•		7 od in 2000	1.5	< 15 A O	1.1	20	× 0.5	2.52
Distinct and address in Address		100		Last analy.	2ed in 2009		≤ 15 AU				
Discretaria Open of the second o	Conductivity @ 25C	uS/cm		Last analy	zed in 2009						
eH PFUnds 7.3 1 7.3 7.3 1.7 7.3 7.7 2.9 7.4 1 Water Temperature Degress C 8 59 50 20.0 140.0 15 67.7 4 20 0 Indicator Bacteria Degress C 8 59 50 20.0 15.0 67.7 4 4 Indicator Bacteria Fulloon rt. 41 48 <1	Hardness as CaCO ₃	mg/L	138.5	16	132	149	No Guideline Required	143	67	62.9	161
NFU 0.28 23 <0.14 0.9 14AC and S.AO 0.4 37 0.2 0.0 Water terporature Degres C 8 98 0.20 20.5	pH	pH units	7.3	1	7.3	7.3	7.0-10.5 AO	7.7	29	7.4	8.1
Weier Temperature Degress C 8 98 5 20.5 < 15 AO 11.5 667 4 1 Microbial Parameters Microbial Parameters Conform, Total CRU100 mL <1	Turbidity	NTU	0.325	23	< 0.14	0.9	1 MAC and ≤ 5 AO	0.4	37	0.2	0.75
Microbial Parameters Indicator Bactaria Colorm, Total CPUT on L Example 1 No Cuddene Required 0.02 2 Disinfectants Disinfectants Disinfectants Disinfectants Disinfectants Disinfectants Disinfection By-Products Thatomethanes (HMs) module colspan="2">No Cuddene Required 0.05 2.20 0.22<	Water Temperature	Degress C	8	98	5	20.5	≤ 15 AO	11.5	667	4	23
Microbial Parameters Microbial Parameters Colform Total Ecol CPUTION C						_					
Colform Total Ecol CPU100 nL CPU1 nL	Indicator Bacter	ria			licrobial	Paramet	ers				
Control CPU100 mL <1 <1 <1 <1 OMAC <1 130 <1 Heters, Relac Court 7 day GPU11 mL Not tested in 2021 No Cadieline Regulard 0.02 2 0.02 2 0.02 0 Disinfectants Disinfectants Disinfectants 0.65 275 0.18 2 0.02 2 0.02 2 0.03 0.21 2 0.00 0.05 2755 0.18 2 2 2 0.02 2 0.03 0.22 2 2 0.03 0.22 2 2 0.03 0.23 2 1.03 No Cadeline Regulard 0.05 2 7.5 0.18 2 2 2 0.18 2 2 2 1.03 No Cadeline Regulard 0.05 2 2 0.01 1.03 No Cadeline Regulard 0.05 2 2 0.01 1.03 No Cadeline Regulard 0.02 2 1.03 No Cadeline Regulard 1.03 No Cadeline Regulard<	Coliform Total	CELI/100 ml	< 1	48	< 1	< 1	0 MAC	< 1	87	< 1	< 1
Hetero, Rule Cardin, Rule Control Contr	E coli	CFU/100 ml	< 1	48	<1	< 1	0 MAC	< 1	139	< 1	< 1
Distinfectants Disinfectants Disinfectants Disinfectants Disinfectants 0.65 2.15 0.65 2.15 Disinfectants 0.72 2.18 0.65 2.13 No Guideine Required 0.65 2.735 0.16 2.13 Disinfection By-Products Disinfection By-Products 0.72 2.18 0.22 2.13 Bromotionrembane ugl. 5.1 4 9 1.1 10.45 2.9 8.3 Bromotionrembane ugl. 5.1 4 9 1.1 10.45 2.9 8.3 Chordbrommethane ugl. 5.1 4 9 1.1 10.45 2.9 8.3 Total Triabomethanes ugl. 2.9.5 4 2.7 35 100 MAC 3.15 2.8 9.9 1 0.0 Haloacetic Acids (HAA) ugl. 2.9.5 4 2.7 35 100 MAC 6.025 6 0.998 1 Haloacetic Acids (HAA) ugl. <td< td=""><td>Hetero Plate Count 7 day</td><td>CELI/1 ml</td><td></td><td>Not teste</td><td>d in 2021</td><td></td><td>No Guideline Required</td><td>0.02</td><td>2</td><td>0.02</td><td>0.02</td></td<>	Hetero Plate Count 7 day	CELI/1 ml		Not teste	d in 2021		No Guideline Required	0.02	2	0.02	0.02
Disinfectants Disinfectants mpL as C2 0.68 98 0.3 1.93 No Guideine Required 0.65 273 0.18 2 Chorine, Total Residual mpL as C2 0.68 98 0.3 1.93 No Guideine Required 0.65 2735 0.18 2 Disinfection By-Products Trihalomethanes (THMs) Image: State St	Tietero. Plate Count 7 day	CI U/T IIIL		Notieste			No Guideinie Nequiled	0.02	2	0.02	0.02
Disting Field mpL as Q2 0.68 98 0.3 1.93 No Cuideline Required 0.65 2.73 0.18 1 Diorine, Total Residual mgL as Q2 0.79 82 0.35 2.13 No Cuideline Required 0.65 2.735 0.18 2.235 Disinfection By-Products Trihalomethanes (THMs) Bromoform ug/L 15 4 1 1 1 1.045 29 6.39 1 Objection By-Products Trihalomethanes ug/L 15 4 1 1 1 1.045 29 6.39 1 Objection By-Products Trihalomethanes ug/L 4.85 4 3.9 7 1.00 MAC 31.5 2.8 0 1 1 1.05 0.01 1.05 1.00 MAC 31.5 7.7 0.02 1 1 1 1.05 0.05 0.05 1.00 MAC 0.02 0.07 0.05	Disinfoctants				Disinf	ectants					
Ohlorhne, Pred Residual mg/L as CL 0.68 98 0.35 2.13 No Guideline Required 0.65 2735 0.18 1.23 Chiorhee, Total Residual mg/L as CL 0.79 82 0.35 2.13 No Guideline Required 0.65 2735 0.18 0.22 100 Trihalomethanes (THMs) Disinfection By-Products Disinfection By-Products Disinfection By-Products Bromodiciboromethane ug/L 5.1 4 9 11 10.45 29 8.3 Obtorofim ug/L 5.1 4 4 1 11 10.45 29 8.49 1 Obtorofim ug/L 4.85 4 3.9 7 100 MAC 31.5 28 20 1 1 Obtorofim ug/L 28.5 4 2.9 28 1 0.22 80 MAC 0.05 6 0.998 7 Total Trihatomethanes ug/L 28.5 16 0.24 3.2 200 MAC <td< td=""><td>Disinfectants</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	Disinfectants										
Ohlomine, Total Residual mgL as Q, 0.79 82 0.35 2.13 No Guideline Required 0.72 2180 0.22 33 Disinfection By-Products Disinfection By-Products Trihalomethanes (THMs) Bromodichloromethane ugL 9.9 4 9 111 10.45 29 8.3 Chicoroform ugL 15 4 11 13 10.45 29 6.3 Chicoroform ugL 4.5 4 3.9 7 100 MAC 31.5 28 6.0 1 Haloacetic Acids (HAA) Not tested in 2022 80 MAC 6.025 6 0.958 7 Haloacetic Acids (HAA) Vot tested in 2022 80 MAC 6.02 6 0.958 7 Haloacetic Acids (HAA) Vot tested in 2022 80 MAC 6.02 6 0.958 7 Barrinum ugL as Al <3 16 <0.24 0.32 200 MAC / 100 OG	Chlorine, Free Residual	mg/L as Cl2	0.68	98	0.3	1.93	No Guideline Required	0.65	2735	0.18	2.2
Disinfection By-Products Trihalomethanes (THMs) ps 4 9 11 10.45 28 6.3 Bromodichloromethane ug/L 4.1 4 9 11 11.4 28 6.0 Bromodichloromethane ug/L 4.5 4 3.9 7 4.6 28 6.0 Othordbromomethane ug/L 29.5 4 2.7 3.5 100 MAC 3.1.5 28 2.0 1 Hatoscetic Acids (HAA) ug/L 29.5 4 2.7 3.5 100 MAC 3.1.5 2.8 2.0 1 HAAS ug/L 29.5 4 2.7 3.5 100 MAC 3.5 2.8 0.1 1 1.0 <td>Chlorine, Total Residual</td> <td>mg/L as Cl₂</td> <td>0.79</td> <td>82</td> <td>0.35</td> <td>2.13</td> <td>No Guideline Required</td> <td>0.72</td> <td>2180</td> <td>0.22</td> <td>2.2</td>	Chlorine, Total Residual	mg/L as Cl ₂	0.79	82	0.35	2.13	No Guideline Required	0.72	2180	0.22	2.2
Trihalomethanes (THMs) 9.9 4 9 11 10.45 29 8.3 Bromodichloromethane ugL 4.1 4 9 11.1 <1				Dis	infection	By-Pro	ducts				
Innaiomethanes (IHMS) ugL 9.9 4 9 11 10.45 29 8.3 Bromodichioromethane ugL 4.1 4 4.1 11 4.1 29 8.3 Choroform ugL 4.85 4 3.9 7 4.6 29 8.3 Total Tribalomethanes ugL 29.5 4 2.7 35 100 MAC 31.5 2.8 2.0 1 Haloacetic Acids (HAA)											
Bit UgL 9.9 4 9 11 10.45 29 8.3 Browdorm ugL 45 4 11 11 <1	Trihalomethanes ((HMS)									
Biomedrom ugl. c1 4 c1 11 c1 c1 c1 c1 c2 c1 c1 c1 c1 c1 c2 c1 c1 c1 c1 c1 c1 c1 c2 c1	Bromodichloromethane	ua/L	9.9	4	9	11		10.45	29	8.3	15
Dottodom ug/L 15 5 1 10 13 25 5.81 1 Chicroditoronomethane ug/L 4.85 4 3.9 7 4.6 2.9 5.81 1 0 Total Trhatomethanes ug/L 4.85 4 2.7 3 100 MAC 3.5 2.8 20 1 Haloacetic Acids (HAA) .	Bromoform	g/_	<1	1	<1	11		< 1	20	< 0.1	1
Chicrobionmentane ugit 13 11 15 13.5 2.5 2.5 2.5 4 2.7 3.5 100 MAC 3.5 2.8 2.0 1 1.5 Total Trhatomentanes ugit 23.5 4 2.7 3.5 100 MAC 3.5 2.8 2.0 1 1 Haloacetic Acids (HAA) Not tested in 2022 80 MAC 6.025 6 0.958 HAAS ugit as At <3	Chloroform	ug/L	45	-	11	10		12.5	20	5 90	190
Childrodizioniomentane ug/L 2.85 4 3.9 7 4.0 2.9 4.01 4.0 Haloacetic Acids (HAA) Haloacetic Acids (HAA) Not tested in 2022 80 MAC 6.055 6 0.958 7 HAA5 ug/L Not tested in 2022 80 MAC 6.025 6 0.958 7 AA5 ug/L as Al <3 16 <3 <3 200 MAC / 100 OG <3 67 <3 Aluminum ug/L as Al <3 16 <3 <3 200 MAC / 100 OG <3 67 <3 << Autimony ug/L as As 0.28 16 <0.5 <0.5 6 MAC <0.6 67 <0.5 << Baryllum ug/L as B 52.5 16 <0.1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1		ug/L	15	4	11	10		13.5	29	5.69	100
Total Trihalomethanes ug/L 29.5 4 27 35 100 MAC 31.5 28 20 1 Haloacetic Acids (HAA)	Chiorodibromomethane	ug/L	4.85	4	3.9	/		4.0	29	<0.1	8.3
Haloacetic Acids (HAA) Not tested in 2022 80 MAC 6.025 6 0.958 7 HAA5 ugl. Not tested in 2022 80 MAC 6.025 6 0.958 7 Aluminum ugl.as Al <3	Total Trihalomethanes	ug/L	29.5	4	27	35	100 MAC	31.5	28	20	185
Haloacetic Acids (HAA) Not tested in 2022 80 MAC 6.025 6 0.958 7 HAA5 ugiL Not tested in 2022 80 MAC 6.025 6 0.958 7 Maximum ugiL as Al <3 16 <3 <3 2900 MAC/ 100 CG <3 67 <3 Aluminum ugiL as Al <3 16 <0.5 <0.5 6 MAC <0.28 67 <0.5 < < Antimony ugiL as Sb <0.5 16 <0.5 <0.5 < <0.5 < <0.5 <0.5 < <0.5 < <0.5 < <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.5 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1											
HAA5 ug/L Not tested in 2022 80 MAC 6.025 6 0.958 1 Metals Metals Aluminum ug/L as Al <3	Haloacetic Acids (HAA)			1: 0000				-		
Metals Aluminum ug/L as Al <3 16 <3 <3 2900 MAC / 100 OG <3 67 <3 Antimony ug/L as As 0.28 16 <0.5	HAA5	ug/L		Not teste	ed in 2022		80 MAC	6.025	6	0.958	7.4
Aluminum ugl.as Al <3 16 <3 <3 2900 MAC / 100 OG <3 67 <3 Antimony ugl.as Sb <0.5					M	otale					
Aluminum ug/L as Al <3 16 <3 <3 2900 MAC / 100 OG <3 67 <3 Antimony ug/L as Sb <0.5					INIC	51015					
Antimonyug/L as Sb< 0.516< 0.5< 0.56 MAC< 0.567< 0.5< Arsenicug/L as Ba0.280.28160.240.3210 MAC0.28670.190.9Barumug/L as Ba6.25164.571000 MAC6.5672.99Beryllumug/L as Ba< 0.1	Aluminum	ug/L as Al	< 3	16	< 3	< 3	2900 MAC / 100 OG	< 3	67	< 3	73
Arsenicugl.as As0.28160.240.3210 MAC0.28670.190.03Bariumugl.as Ba6.25164.571000 MAC6.5672.910Berylliumugl.as Be<0.1	Antimony	ug/L as Sb	< 0.5	16	< 0.5	< 0.5	6 MAC	< 0.5	67	< 0.5	< 0.5
Arbonic ug/L as Ba Ca2 10 Co2 Co3 Co3 <thco3< th=""> Co3 Co3<!--</td--><td>Arsenic</td><td>un/Las As</td><td>0.28</td><td>16</td><td>0.24</td><td>0.32</td><td>10 MAC</td><td>0.28</td><td>67</td><td>0.19</td><td>0.819</td></thco3<>	Arsenic	un/Las As	0.28	16	0.24	0.32	10 MAC	0.28	67	0.19	0.819
Barlulin Ug/L as Ba 6.25 16 4.3 7 1000 MAC 6.3 67 2.3 6 Beryllium ug/L as Be 6.01 16 <0.1	Basium	ug/L as Rs	0.20	10	0.24	7	1000 MAC	0.20	67	0.15	0.013
ber ymunnug/L as Bi< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.1< 0.	Danum	uy/Las Da	0.20	10	4.0	1	TUUU IVIAG	0.0	07	2.9	29
Bismuthug/L as Bi<116<1<1<1<1<164<1Boronug/L as B 52.5 16<50	Beryllium	ug/L as Be	< 0.1	16	< 0.1	< 0.1		< 0.1	67	< 0.1	< 3
Boron ug/L as B 52.5 16 < 50 55 5000 MAC 53 67 < 50 44 Cadmium ug/L as Cd <0.01	Bismuth	ug/L as Bi	<1	16	< 1	< 1		< 1	64	< 1	< 1
Cadmiumug/L as Cd< 0.0116< 0.01< 0.015 MAC< 0.01 67 < 0.01< <Calciummg/L as Ca42.851640.746.9No Guideline Required45.26720.75Chromiumug/L as Co< 1	Boron	ug/L as B	52.5	16	< 50	55	5000 MAC	53	67	< 50	448
Calcium mg/L as Ca 42.85 16 40.7 46.9 No Guideline Required 45.2 67 20.7 55 Chromium ug/L as Cr <1	Cadmium	ug/L as Cd	< 0.01	16	< 0.01	< 0.01	5 MAC	< 0.01	67	< 0.01	< 0.1
Chromiumug/L as Cr<116<1<1171718101	Calcium	mg/L as Ca	42.85	16	40.7	46.9	No Guideline Required	45.2	67	20.7	51.5
Constraintug/L as Co	Chromium	ug/Las Cr	< 1	16	< 1	< 1	50 MAC	< 1	67	< 1	< 10
Cousinug/L as Cu10 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2 < 0.2	Cobolt	ug/L 03 0	200	10			50 MP(0	~0.0	67	- 0.0	- 10
Lopperug/L as Cu19.751610.127.92000 MAC / ≤ 1000 AO16.7675.8344Ironug/L as Fe25.1516 < 5 52.6 ≤ 300 AO21.767 < 5 < 67 < 5 < 67 < 5 < 67 < 5 < 67 < 5 < 67 < 5 < 67 < 5 < 67 < 62 < 22 Lithiumug/L as Li16.25161317.1 < 7.1 36 9.4 < 17.1 < 36 9.4 < 0.236 < 0.02 < 0.262 67 0.236 < 0.02 Magnesiumug/L as Mg7.54516 6.93 8 No Guideline Required 7.6 67 2.71 99 Manganeseug/L as Mn 84.1 16 < 1 208 120 MAC / ≤ 20 AO 79.4 87 < 1 11 Molybdenumug/L as Nn 84.1 16 < 1 < 1 208 120 MAC / ≤ 20 AO 79.4 87 < 1 11 Molybdenumug/L as Nn < 1 16 < 1 < 1 < 1 < 1 < 1 < 1 < 1 Molybdenumug/L as Si 9640 16 9190 10100 9710 67 5370 110 Siliconug/L as Ag < 0.02 16 51.3 56.1 ≤ 200 AO 53.1 67 < 5.9 Sodiummg/L as Si 6.05 16 51.3 56.1 ≤ 200 AO 53.1 67 <td>opail</td> <td>uy/Las Co</td> <td>< 0.2</td> <td>10</td> <td>< 0.2</td> <td>< 0.2</td> <td>0000 MA 0 / - /</td> <td>< U.Z</td> <td>0/</td> <td>< 0.2</td> <td>< 20</td>	opail	uy/Las Co	< 0.2	10	< 0.2	< 0.2	0000 MA 0 / - /	< U.Z	0/	< 0.2	< 20
ronug/L as Fe25.1516<552.6 \leq 300 AO21.767<5Leadug/L as Pb0.4316<0.2	Copper	ug/L as Cu	15.75	16	10.1	27.9	2000 MAC/≤1000 AO	16.7	67	5.83	48.8
Leadug/L as Pb0.4316< 0.21.025 MAC0.3267<0.222Lithiumug/L as Li16.25161317.117.1369.411Potassiumug/L as K0.2535160.2430.2720.262670.2360.Magnesiummg/L as Mg7.545166.938No Guideline Required7.6672.7190Manganeseug/L as Mn84.116<1	Iron	ug/L as Fe	25.15	16	< 5	52.6	≤ 300 AO	21.7	67	< 5	65
Lithiumug/L as Li16.25161317.117.1369.411Potassiumug/L as K0.2535160.2430.2720.262670.2360.0Magnesiummg/L as Mg7.545166.938No Guideline Required7.6672.719Manganeseug/L as Mn84.116<1	Lead	ug/L as Pb	0.43	16	< 0.2	1.02	5 MAC	0.32	67	<0.2	2.27
Potassium ug/L as K 0.2535 16 0.243 0.272 0.262 67 0.236 0.0 Magnesium mg/L as Mg 7.545 16 6.93 8 No Guideline Required 7.6 67 2.71 99 Manganese ug/L as Mn 84.1 16 <1	Lithium	ug/L as Li	16.25	16	13	17.1		17.1	36	9.4	19.7
Magnesium mg/L as Mg 7.545 16 6.93 8 No Guideline Required 7.6 67 2.71 93 Magnesium mg/L as Mg 7.545 16 6.93 8 No Guideline Required 7.6 67 2.71 93 Manganese ug/L as Mn 84.1 16 <1	Potassium	ug/Las K	0,2535	16	0,243	0.272		0,262	67	0.236	0.467
IntegritorialIngrit to ingrit	Magnesium	ma/Lae Ma	7 545	16	6.03	8	No Guideline Required	7.6	67	2 71	0.30
Impartise ug/L as ivin ou, i io < i zuo 120 WAC/S 20 AO 79.4 87 <1 1 Molybdenum ug/L as Mo <1	Magnosium		04.4	10	- 1	200		70.4	07	2.11	1700
monyodenum ug/L as Mo <1 16 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1 <td>ivianganese</td> <td>ug/Lasivin</td> <td>04.1</td> <td>01</td> <td></td> <td>208</td> <td>120 IVIAC / S 20 AU</td> <td>19.4</td> <td>01</td> <td>× 1</td> <td>1/90</td>	ivianganese	ug/Lasivin	04.1	01		208	120 IVIAC / S 20 AU	19.4	01	× 1	1/90
Nickelug/Las Ni<116<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<1<<1<<1<<1<<1<<1<<1<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<1<<	Molybdenum	ug/L as Mo	<1	16	< 1	< 1		< 1	67	< 1	< 20
Seleniumug/L as Se< 0.116< 0.1< 0.150 MAC< 0.167< 0.1< <Siliconug/L as Si964016919010100971067537010Silverug/L as Ag< 0.02	Nickel	ug/L as Ni	<1	16	< 1	< 1		< 1	67	< 1	< 50
Silicon ug/L as Si 9640 16 9190 10100 9710 67 5370 1000 Silver ug/L as Ag <0.02	Selenium	ug/L as Se	< 0.1	16	< 0.1	< 0.1	50 MAC	< 0.1	67	< 0.1	< 0.5
Silver ug/L as Ag < 0.02 16 < 0.02 < 0.02 No Guideline Required < 0.02 67 < 0.02 < < Sodium mg/L as Na 52.45 16 51.3 56.1 $\leq 200 \text{ AO}$ 53.1 67 < 0.02 <	Silicon	ug/L as Si	9640	16	9190	10100		9710	67	5370	10400
Sodium mg/L as Na 52.45 16 51.3 56.1 $\leq 200 \text{ AO}$ 53.1 67 25.9 Strontium ug/L as Sr 428 16 399 442 7000 MAC 424 67 196 44 Sulphur mg/L as Sr 6.05 16 5.1 7.2 6.4 64 4.8 44 Tin ug/L as Sn <5	Silver	ug/L as Ag	< 0.02	16	< 0.02	< 0.02	No Guideline Required	< 0.02	67	< 0.02	< 10
Strontium ug/L as Sr 428 16 399 442 7000 MAC 424 67 196 44 Strontium ug/L as Sr 428 16 399 442 7000 MAC 424 67 196 44 Sulphur mg/L as S 6.05 16 5.1 7.2 6.4 64 4.8 48 Tin ug/L as Sn <5	Sodium	mg/Las Na	52 45	16	51.3	56.1	< 200 ∆ ∩	53.1	67	25.0	88
Submum ug/L as Si 420 10 399 442 //000 MAC 424 67 196 442 Sulphur mg/L as Si 6.05 16 5.1 7.2 6.4 6.4 6.4 4.8 6.7 Tin ug/L as Si <5	Stroptium	ug/L 00 0-	400	10	200	440	7000 MA C	104	67	100	407
Suppur mg/L as S 6.05 16 5.1 7.2 6.4 64 4.8 48 Tin ug/L as Sn <5	Suronuum	ug/∟ as Sr	428	10	299	442	7000 MAC	424	0/	190	497
Tin ug/L as Sn < 5 16 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 <	Sulphur	mg/L as S	6.05	16	5.1	7.2		6.4	64	4.8	8.9
Titanium ug/L as Ti <5 16 <5 <5 <5 <5 <5 Thallium ug/L as Ti <0.01	Tin	ug/L as Sn	< 5	16	< 5	< 5		< 5	67	< 5	< 20
Thallium ug/L as TI < 0.01 16 < 0.01 < 0.01 < 0.01 64 < 0.01 < 0.01 Uranium ug/L as U < 0.1	Titanium	ug/L as Ti	< 5	16	< 5	< 5		< 5	67	< 5	< 10
Uranium ug/Las U < 0.1 16 < 0.1 < 0.1 20 MAC < 0.1 64 < 0.1 < 0.1 Vanadium ug/Las V < 5	Thallium	ug/L as TI	< 0.01	16	< 0.01	< 0.01		< 0.01	64	< 0.01	< 0.05
Vanadium ug/Las V < 5 16 < 5 < 5 < 6 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5 <t< td=""><td>Uranium</td><td>un/Lae II</td><td>< 0.1</td><td>16</td><td>< 0.1</td><td>< 0.1</td><td>20 MA C</td><td>< 0.1</td><td>64</td><td>< 0.1</td><td>< 0.1</td></t<>	Uranium	un/Lae II	< 0.1	16	< 0.1	< 0.1	20 MA C	< 0.1	64	< 0.1	< 0.1
vanauum Iuu/Lasv I 50 116 I 50 1 50 1 50 1 50 1 50 1 50 1 50 1 50	Vonstium	ug/Las U	~	40	< U. I	× 0.1	20 10140	- 0.1	04	× 0.1	~ 0.1
	vanadium	ug/L as V	< 5	16	< 5	< 5		< 5	67	< 5	< 10
Zinc ug/Las Zn 14.1 16 9.9 21.3 ≤ 5000 AO 17.4 67 <1 2	Zinc	ug/L as Zn	14.1	16	9.9	21.3	≤ 5000 AO	17.4	67	< 1	207

Cedar Lane Water Service 2022 Annual Report