# Wilderness Mountain Water System

2023 Annual Report



#### Introduction

This report provides a summary of the Wilderness Mountain Water Service for 2023 and 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 community of Wilderness Mountain is a rural residential development located on Mount Matheson in the Juan de Fuca Electoral Area. The area was originally serviced by a private water utility from about 1983, and in 2008 the service converted to the Capital Regional District (CRD). The Wilderness Mountain water service is made up of 82 parcels encompassing a total area of approximately 124 hectares. Of the 82 parcels, 74 were customers to the water system in 2023.

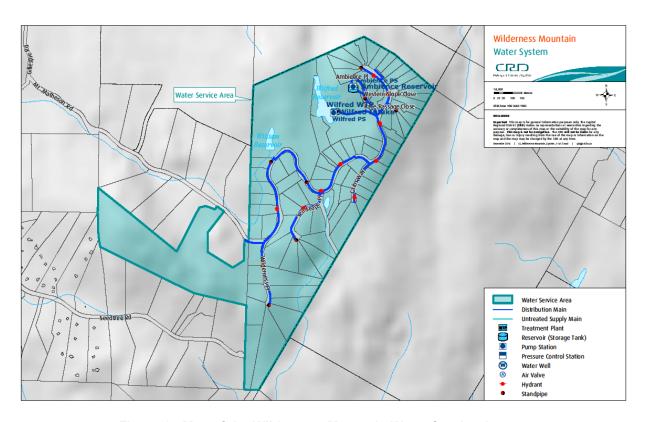


Figure 1: Map of the Wilderness Mountain Water Service Area

The Wilderness Mountain water system is primarily comprised of:

- Raw water obtained from Wilfred Reservoir, a small surface water body which lies within a protected watershed and was created by the construction of two dams.
- Water from Wilfred Reservoir is pumped to the treatment plant which consists of coarse cartridge filtration, ultraviolet disinfection and chloramine disinfection.
- The chloraminated water is then pumped to two distribution system storage tanks (combined capacity of 250 cubic metres or 66,000 US gallons) and the distribution system.
- Distribution system. 3,750 meter network of 150 millimeter (6 inch) and 100 mm (4 inch) polyvinyl chloride (PVC) water mains.
- Other water system assets: 74 service connections, 10 hydrants, six standpipes, 21 gate valves and a Supervisory Control and Data Acquisition (SCADA) system.
- Although the water system also includes the William Brook Dam and related water reservoir, this reservoir is no longer utilized for water supply.

## Water Supply

The raw water supply level in Wilfred Reservoir is shown in Figure 2. The lake level was at its lowest point in October. The reservoir reached full volume in January 2023.

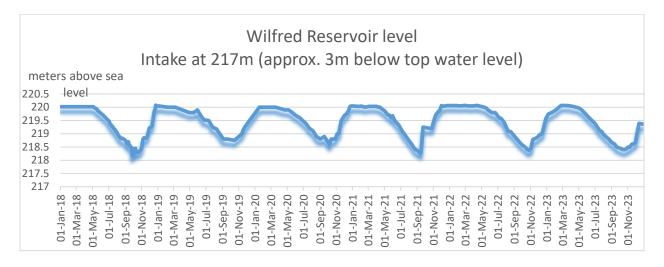


Figure 2: Wilfred Reservoir Water Level 2018-2023

### Water Usage

The volume used by the community, or the water demand, is illustrated in Figure 3. The demand in 2023 was 14% lower than in 2022 and within 1% the five-year average.

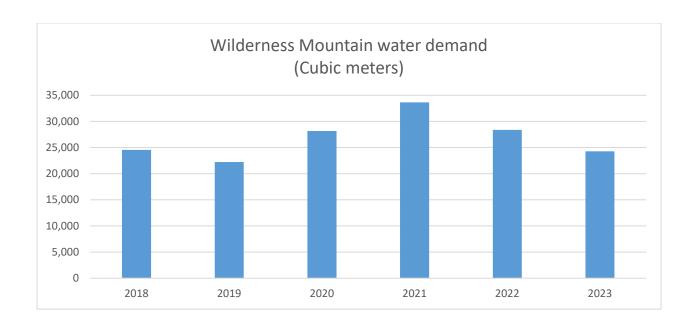


Figure 3: Wilderness Mountain Water Demand (cubic meters) 2018-2023

# **Drinking Water Quality**

The Wilderness Mountain Water System was on a boil water advisory (BWA) for 65 days in 2023 due to elevated turbidity in the treated water. High algal activity and the inability of the existing filtration system to filter out very small algae species in bloom were the main factors for this long BWA for this system. Ongoing discussions with the Commission, Island Health, and CRD staff are taking place to plan upgrades in the near future to mitigate this situation.

Wilfred Reservoir raw water exhibited elevated iron and manganese concentrations throughout the entire year, but especially during the fall and winter. Lake turnover and rain-driven runoff events are the main causes. Without designated treatment in place to remove these metals from the raw water, the aesthetic objective for manganese, as per Guidelines for Canadian Drinking Water Quality (GCDWQ), was regularly exceeded in the treated water. Iron concentrations exceeded the aesthetic objective during the wet season. In samples from November 15, the manganese concentrations in the treated water even exceeded the maximum acceptable concentration (MAC), the health-related limit stipulated by the GCDWQ. Concentrations beyond the aesthetic limit can lead to water discolourations, while exceedances of the MAC can become a health issue with chronic exposure. Because the disinfection process in the Wilderness Mountain Water System utilizes chloramination, the effects on customers in terms of discoloured water may have been reduced. Additional treatment is required to mitigate this ongoing issue.

The data below provides a summary of the water quality characteristics in 2023:

#### Raw Water:

- In June and July, the raw water exhibited a very high spike of total coliform bacteria concentrations. Aside from that, total coliform concentrations were low throughout the year.
- *E. coli* bacteria concentrations were mostly low with higher concentrations in the fall following the first post-summer rainfall and runoff event.
- Cryptosporidium and Giardia parasites were tested twice in 2023 and neither were detected.

- The raw water was tested for metals in February, May, August and November. The results indicate that both iron and manganese concentrations are particularly high during the wet season in fall and winter. Cause for this is likely a combination of the lake turnover in October/November and runoff from rainfall events.
- The median annual raw water turbidity was 0.88 Nephelometric Turbidity Unit (NTU) and therefore slightly higher than in 2022. The turbidity was typically over 1 NTU during the wet season and during the peak of the summer. The maximum turbidity was 1.8 NTU (November). Most raw water turbidity spikes coincided with algal and/or zooplankton blooms in Wilfred Reservoir. Runoff and lake turnover events can also have an adverse effect on turbidity.
- The raw water was soft (median hardness 16.40 mg/L CaCO<sub>3</sub>).
- The pH was slightly acidic (median pH 6.9).
- The median total organic carbon (TOC) concentration was moderately high at 4.25 mg/L, which is in line with historic results.

#### **Treated Water:**

- The treated water was safe to drink outside the 65-day BWA from October 28 into 2024.
   No *E. coli* bacteria were found in the treated water and only one of 56 bacteriological samples tested positive for total coliform bacteria throughout the year (November 15: 2 CFU/100mL, near 767 Cains Way).
- The treated water turbidity was above the GCDWQ turbidity limit of 1.0 NTU in November. This led to the aforementioned prolonged BWA.
- Manganese concentrations exceeded the aesthetic objective in the treated water during most parts of the year. Two treated water samples from November were above the MAC in the GCDWQ. Iron concentrations were elevated throughout the year and in November and February in exceedance of the aesthetic objective. Despite the exceedances, no significant water discolouration was reported by customers.
- The disinfection by-products Trihalomethanes (TTHM) and Haloacetic Acids (HAA) were well below the GCDWQ limits.
- The annual median total chlorine residual in the system was 1.51 mg/L.

Table 1 and 2 below provide a summary of the 2023 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 operational issues that were addressed by CRD Integrated Water Services staff:

- Maintenance of all 10 fire hydrants
- Replace ammonia solution tank and added secondary containment
- Powerline to treatment plant, vegetation clearing monthly dam inspections and dam maintenance

## Capital Project Updates - 2023

No Capital Projects were approved on the 2023 Capital Plan. CRD did initiate preliminary efforts that will support the replacement of the wooden intake platform, which was approved as a 2024 project. CRD recommends future Capital Projects to comply with Island Health's operating permit to achieve Drinking Water Treatment Objectives (Microbiological) for Surface Water Supplies in British Columbia (SWTO).

## **Financial Report**

Please refer to the attached 2023 Statement of Operations and Reserve Balances.

Revenue includes parcel taxes (Transfers from Government), fixed user fees (User Charges), water sales and interest on savings (Interest earnings), 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 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.

Increased system maintenance costs in 2023 resulted in an annual deficit of \$3,000. The operating reserve balance was not sufficient to cover the deficit, therefore it must be carried forward and included in 2024 financial plan for immediate recovery. The service is experiencing ongoing drinking water quality issues, which requires system cyclical maintenance and capital upgrades to provide additional treatment to mitigate the ongoing water quality issues and potential risk of not meeting health regulatory requirements. The Commission will be engaged for ongoing discussions regarding sustainable service delivery, regulatory compliance requirement and prudent financial planning for future years.

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Attachments: Table 1

Table 2

2023 Statement of Operations and Reserve Balances

For questions related to this Annual Report please email <a href="https://www.ncar.edu.org/linearing/linea

Table 1

PARAMETER	w Water Test Re			ICAL RESUL		CANADIAN GUIDELINES	2013 -	2022 ANAL	YTICAL RE	SULTS
Parameter	Units of	Annual	Samples		nge			Samples		ange
Name	Measure	Median	Analyzed	Minimum	Maximum	≤ = Less than or equal to	Median	Analyzed		Maximu
L = parts per million ug/L = parts	per billion									
	Phy	sical Par	ameters	(ND means	Not Detected	by analytical method used)				
Carbon, Dissolved Organic	mg/L as C	4.2	2	4	4.4		3.8	21	1.91	5.4
Carbon,Total Organic	mg/L as C	4.25	4	3.9	4.6	Guideline Archived	4	27	2.96	8.8
Colour, True	TCU	19.5	6	15	28	≤15 AO	14	59	7	26
Hardness as CaCO <sub>3</sub>	mg/L	16.4	4	15.3	17.2	No Guideline Required	15.85	32	11.1	20.6
pH	pH units	6.86	13	6.3	7.33	7.0 - 10.5 AO	6.9	67	6.14	8.1
Total Suspended Solids Total Solids	mg/L	2.4 42	1	2.4 42	2.4 42		1.4 49.9	2	1.2 42	1.6
Turbidity, lab tests	mg/L NTU	0.875	34	0.45	1.8		0.9	15 400	0.35	5.8
Ultraviolet Transmittance	%	78.4	6	74.1	80.4		76.65	32	69.9	82.1
Water Temperature	degrees C	13.6	24	4.8	20.8	≤15 AO	11.5	320	1.7	21.2
'	, , ,				,					
	Non-Metall	ic Inorga	nic Che	micals (	ND means No	t Detected by analytical meth	od used)			
Ammonia, Total	ug/L as N	< 15	2	< 15	< 15		< 15	18	< 0.61	71
Bromide	ug/L as Br	0.035	1	0.035	0.035		33	16	< 0.03	50
Chloride	mg/L as Cl	12	1	12	12	≤ 250 AO	11	10	10	14
Cyanide	mg/L as Cn	< 0.0005	1	< 0.0005	< 0.0005	0.2 MAC	0.00058	10	< 0.0005	0.016
Fluoride	mg/L as F	< 0.05	1	< 0.05	< 0.05	1.5 MAC	< 0.05	10	< 0.05	< 0.0
Nitrogen, Nitrate	ug/L as N	25	2	< 20	< 15		0.028	18	< 0.45	37
Nitrogen, Nitrite	ug/L as N	< 5	2	< 5	< 15		< 5	18	< 0.005	< 5
Nitrogen, Total	ug/L as N	244.5	2	242	247		200	18	84	267
Phosphate,Total	ug/L as P	6.45	2	5.6	7.3		5.6	18	<1	71 5.5
Silica Silicon	mg/L as SiO <sub>2</sub>	2.65 1149.5	2	2 809	3.3 2190		3.6 1735	17 28	<0.5	5.5 2920
Silicon Sulphate	mg/L as Si mg/L as SO <sub>4</sub>	1149.5 4.5	3	4.3	5.2	≤ 500 AO	6.33	28	380 4	19
Sulphide	mg/L as 50 <sub>4</sub>	< 0.0018	1	< 0.0018	< 0.0018	≤ 0.05 AO	0.00275	20	< 0.0018	0.003
Sulphur	mg/L as S	< 3	4	< 3	<3	20.00710	< 3	29	< 3	5.94
		Motal	C (ND	- N-4 D-44-		al method used)			•	
		Wietai	s (ND mean	S NOT Detecte	ed by analytic	,				
Aluminum	ug/L as Al	16.85	4	7.9	30.7	2900 MAC / 100 OG	28.95	28	7.8	81.5
Antimony	ug/L as Sb	< 0.5	4	< 0.5	< 0.5	6 MAC	< 0.5	28	< 0.5	< 0.5
Arsenic	ug/L as As	< 0.1	4	< 0.1	0.13	10 MAC	< 0.1	28	< 0.1	0.15
Barium	ug/L as Ba	1.95	4	1.8	2.4	1000 MAC	2	28	< 1	2.7
Beryllium Bismuth	ug/L as Be	< 0.1 < 1	4	< 0.1	2.4		< 0.1 < 1	28 28	< 0.1 < 1	< 0.°
Boron	ug/L as Bi ug/L as B	< 50	4	< 50	< 50	5000 MAC	< 50	28	< 50	< 50
Cadmium	ug/L as Cd	< 0.01	4	< 0.01	< 0.01	7 MAC	< 0.01	28	< 0.01	0.11
Calcium	mg/L as Ca	3.515	4	3.21	3.72	No Guideline Required	3.38	28	2.9	4.56
Chromium	ug/L as Cr	< 1	4	< 1	< 1	50 MAC	< 1	28	< 1	< 1
Cobalt	ug/L as Co	< 0.2	4	< 0.2	< 0.2		< 0.2	28	< 0.2	0.5
Copper	ug/L as Cu	4.66	4	2.86	28	2000 MAC / ≤ 1000 AO	3.135	28	1.95	28.5
Iron	ug/L as Fe	276	4	90.5	463	≤ 300 AO	174	28	111	902
Lead	ug/L as Pb	0.435	4	0.22	0.51	5 MAC	0.25	28	<0.2	1.01
Lithium	ug/L as Li	< 2	4	< 2	< 2		< 2	19	< 2	5
Magnesium	mg/L as Mg	1.855	4	1.76	1.94	No Guideline Required	1.735	28	1.48	2.24
Manganese	ug/L as Mn	54.7	4	19.7	179	120 MAC / ≤ 20 AO	54.85	28	23.7	364
Mercury	ug/L as Hg	< 0.0019	4	< 0.0019	< 0.0019		< 0.002	25	< 0.0019	< 0.0
Molybdenum	ug/L as Mo	<1	4	< 1	< 1		<1	28	<1	< 1
Nickel	ug/L as Ni	< 1 0.365	4	< 1 0.342	< 1		< 1 0.32	28 28	< 1	5.2
Potassium Selenium	mg/L as K ug/L as Se	< 0.1	4	< 0.1	0.395 < 0.1	50 MAC	< 0.1	28	0.249 < 0.1	0.42
Silver	ug/L as Se ug/L as Ag	< 0.1	4	< 0.1	< 0.11	No Guideline Required	< 0.1	28	< 0.02	< 0.0
Sodium	mg/L as Na	6.73	4	6.48	7.1	≤ 200 AO	6.83	28	6.18	10.9
Strontium	ug/L as Na	14.5	4	14	15.5	7000 MAC	14.25	28	12.2	17.2
Thallium	ug/L as TI	< 0.01	4	< 0.01	< 0.01		< 0.01	28	< 0.01	< 0.0
Tin	ug/L as Sn	< 5	4	< 5	< 5		< 5	28	< 5	< 5
Titanium	ug/L as Ti	< 5	4	< 5	< 5		< 5	28	< 5	< 5
Uranium	ug/L as U	< 0.1	4	< 0.1	<0.1	20 MAC	< 0.1	28	< 0.1	< 0.
Vanadium	ug/L as V	< 5	4	< 5	<5		< 5	28	< 5	< 5
Zinc	ug/L as Zn	8.4	4	< 5	11.3	≤ 5000 AO	< 5	28	< 5	21.3
Zirconium	ug/L as Zr	< 0.1	4	< 0.1	< 0.1		< 0.1	28	< 0.1	< 0.
			Micr	obial Pa	rameters	3				
Indicator Bacte	ria									
Coliform, Total	Coliforms/100 mL	175	14	55	53000		125	214	<1	A 430
E. coli	E.coli/100 mL	1.5	16	< 1	20		< 1	221	<1	29
Hetero. Plate Count, 28C (7 day)	CFU/1 mL		Last analy:	zed in 2014		No Guideline Required	820	31	40	A 195
Chlorophyll										
Chlorophyll A	ug/L	2.9	15	0.93	10.7		3.51	145	0.295	10.4
				. 5.55		No MAC Fatal-E-1	0.01		5.250	
Parasites						No MAC Established				
Cryptosporidium, Total oocysts	oocysts/100 L cysts/100 L	< 0.1 < 0.1	2 2	< 0.1 < 0.1	< 0.1 < 0.1	Zero detection desirable Zero detection desirable	<1 <1	6	< 0.1 < 0.1	< 1 < 1
Giardia, Total cysts										. < 1

Table 2

			, Wildern					2 2022 ***	U VTICAL	DEGLU TO
PARAMETER				CAL RESUL		CANADIAN GUIDELINES	201	3-2022 ANA		
Parameter	Units of	Annual	Samples		nge I	= Less than or equal to		Samples		Range
Name	Measure	Median	Analyzed	Minimum	Maximum		Median	Analyzed	Minimum	Maximum
ng/L = parts per million ug/L = part	s per billion		Dhy	sical Pa	ramotora					
			Pily	Sical Pa	rameters	•				
Colour, True	TCU	15.5	6	11	24	≤ 15 AO	10	57	5	19
Hardness as CaCO3	mg/L	17.2	7	15.8	17.5		15.75	18	13.6	18.1
pН	pH units	7.06	14	6.9	8.5	7.0 - 10.5 AO	7.02	70	6.45	9.1
Total Organic Carbon	mg/L	4.1	4	3.7	4.5		3.85	13	2.5	8.7
Turbidity, lab tests	NTU	0.65	18	0.45	1.8	1 MAC and ≤ 5 AO	0.66	339	0.17	3.3
Water Temperature	degrees C	9	128	3.9	20.6	≤ 15 AO	11.35	1126	1.8	20.5
Indicator Bacter	ria		Micr	obial Pa	rameters	S				
mulcator bacter	i i a									
Coliform, Total	CFU/100 mL	<1	56	< 1	2	0 MAC	< 1	475	<1	330
E. coli	CFU/100 mL	< 1	56	< 1	< 1	0 MAC	<1	475	<1	40
Hetero. Plate Count, 28C (7 day)	CFU/1 mL	7500	7	1100	22000	No Guideline Required	1885	50	40	G 20000
				Disinfec	tanta					
Disinfectants				Disiniec	lants					
Chlorine, Total Residual	mg/L as Cl <sub>2</sub>	1.505	140	0	3.61	No Guideline Required	1.34	1188	0	5.2
Monochloramine, Field - 1 Station	mg/L	2.935	16	1.17	3.45		2.28	65	0.17	3.29
	Disinfe	ction By	-Produc	ts (ND mea	ns Not Detec	cted by analytical method us	ed)			
	21011110		- roude	(HETHE	IIIO NOI DOICE	near by analytical metrica as	jou)			
Trihalomethanes (	ГНМѕ)		,		1			1		
Decree dishlars weether a (DDCM)	//	-4	_	- 4	- 4		- 4	40	-0.0	47
Bromodichloromethane (BDCM)	ug/L	<1	4	< 1	< 1		< 1	48	<0.2	17
Bromoform (BRFM)	ug/L	<1	4	<1	< 1		< 1	48	< 0.1	< 2
Chloroform (CHLF)	ug/L	1.8	4	1	2.9		2.6	48	< 1	110
Chlorodibromomethane (DBCM)	ug/L	<1	4	< 1	< 1		< 1	48	<0.1	<3
Total Trihalomethanes (TTHM)	ug/L	1.8	4	1	2.9	100 MAC	2.45	48	< 1	130
(,								1		
•	•									
Haloacetic Acids (F	•									
Haloacetic Acids (F	HAAs)	12	2	12	12	80 MAC	8	42	0.75	69
•	•	12	2	12	12	80 MAC	8	42	0.75	69
Haloacetic Acids (F	HAAs)	12	2	12	12	80 MAC	8	42	0.75	69
Haloacetic Acids (F	HAAs)					80 MAC	8	42	0.75	69
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5)	ug/L	Metals	S (ND means	s Not Detecte	d by analytic	al method used)				
Haloacetic Acids (* Haloacetic Acids (*5 Total, HAA5)  Aluminum	ug/L ug/L as Al	Metals	ND means	s Not Detecte	d by analytic	al method used)  2900 MAC / 100 OG	27.4	18	4.5	62.1
Haloacetic Acids (*5 Total, HAA5)  Haloacetic Acids (*5 Total, HAA5)  Aluminum  Antimony	ug/L as Alug/L as Sb	Metals 17.1 < 0.5	ND means	5.6 < 0.5	d by analytic 28 < 0.5	al method used)  2900 MAC / 100 OG  6 MAC	27.4 < 0.5	18 18	4.5 < 0.5	62.1 < 0.5
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic	ug/L as AI ug/L as Sb ug/L as As	Metals 17.1 < 0.5 < 0.1	7 7 7	5.6 < 0.5 < 0.1	28 < 0.5 0.12	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC	27.4 < 0.5 < 0.1	18 18 18	4.5 < 0.5 < 0.1	62.1 < 0.5 0.14
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium	ug/L as AI ug/L as Sb ug/L as As ug/L as Ba	17.1 < 0.5 < 0.1 2.2	7 7 7 7	5.6 < 0.5 < 0.1 1.6	28 < 0.5 0.12 2.6	al method used)  2900 MAC / 100 OG  6 MAC	27.4 < 0.5 < 0.1 1.7	18 18 18	4.5 < 0.5 < 0.1 < 1	62.1 < 0.5 0.14 2.6
Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium	ug/L as Al ug/L as Sb ug/L as Ba ug/L as Ba	Metals  17.1  < 0.5  < 0.1  2.2  < 0.1	7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1	28 < 0.5 0.12 2.6 < 0.1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC	27.4 < 0.5 < 0.1 1.7 < 0.1	18 18 18 18	4.5 < 0.5 < 0.1 < 1 < 0.1	62.1 < 0.5 0.14 2.6 < 0.1
Haloacetic Acids (*5 Total, HAA5)  Haloacetic Acids (*5 Total, HAA5)  Aluminum  Antimony  Arsenic  Barium  Beryllium  Bismuth	ug/L as AI ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Bi	Metals  17.1  <0.5 <0.1  2.2 <0.1 <1	7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1	28 < 0.5 0.12 2.6 < 0.1 < 1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC	27.4 < 0.5 < 0.1 1.7 < 0.1 < 1	18 18 18 18 18	4.5 < 0.5 < 0.1 < 1 < 0.1 < 1	62.1 < 0.5 0.14 2.6 < 0.1 < 1
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5))  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron	ug/L as AI ug/L as AI ug/L as Sb ug/L as Ba ug/L as Be ug/L as Be ug/L as Bi ug/L as B	Metals  17.1  <0.5 <0.1  2.2 <0.1 <1 <50	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50	d by analytic 28 < 0.5 0.12 2.6 < 0.1 < 1 < 50	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC  5000 MAC	27.4 < 0.5 < 0.1 1.7 < 0.1 < 1 < 50	18 18 18 18 18 18	4.5 < 0.5 < 0.1 < 1 < 0.1 < 1 < 50	62.1 < 0.5 0.14 2.6 < 0.1 < 1
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium	ug/L as AI ug/L as AI ug/L as Sb ug/L as Ba ug/L as Be ug/L as B ug/L as B ug/L as B	Metals  17.1  < 0.5  < 0.1  2.2  < 0.1  < 1  < 50  < 0.01	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01	28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC	27.4 < 0.5 < 0.1 1.7 < 0.1 < 1 < 50 < 0.01	18 18 18 18 18 18	4.5 < 0.5 < 0.1 < 1 < 0.1 < 1 < 50 < 0.01	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium	ug/L as Al ug/L as Sb ug/L as Ss ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Cd mg/L as Ca	Metals  17.1  < 0.5  < 0.1  2.2  < 0.1  < 1  < 50  < 0.01  3.73	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.35	28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required	27.4 < 0.5 < 0.1 1.7 < 0.1 < 1 < 50 < 0.01 3.355	18 18 18 18 18 18 18 18	4.5 < 0.5 < 0.1 < 1 < 0.1 < 1 < 50 < 0.01 2.93	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.89
Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium	ug/L as Al ug/L as Sb ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Ba ug/L as Ba ug/L as Cd mg/L as Ca ug/L as Cr	Metals  17.1 < 0.5 < 0.1 2.2 < 0.1 < 1 < 50 < 0.1 < 1 < 50 < 0.1 < 1 < 50 < 0.01	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.35	28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC	27.4 < 0.5 < 0.1 1.7 < 0.1 < 1 < 50 < 0.01 3.355 < 1	18 18 18 18 18 18 18 18	4.5 < 0.5 < 0.1 < 1 < 0.1 < 1 < 50 < 0.01 2.93 < 1	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.89
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt	ug/L as AI ug/L as AI ug/L as Sb ug/L as Ba ug/L as Be ug/L as Be ug/L as Bi ug/L as Cd mg/L as Ca ug/L as Cr ug/L as Co	Metals  17.1  < 0.5  < 0.1  2.2  < 0.1  < 1  < 50  < 0.01  < 1  < 50  < 0.01  3.73  < 1  < 0.2	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.35 < 1 < 0.2	28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC  5000 MAC 5 MAC No Guideline Required 50 MAC	27.4 < 0.5 < 0.1 1.7 < 0.1 < 1 < 50 < 0.01 3.355 < 1 < 0.2	18 18 18 18 18 18 18 18 18 18	4.5 < 0.5 < 0.1 < 1 < 0.1 < 50 < 0.01 2.93 < 1 < 0.2	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.89 < 1 < 0.5
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper	ug/L as Al ug/L as Sb ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Bi ug/L as B ug/L as Cd mg/L as Cd mg/L as Co ug/L as Co ug/L as Co	Metals  17.1  <0.5 <0.1 2.2 <0.1 <1 <50 <0.01 <1 <50 <0.01 3.73 <1 <0.2 15	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15	28 < 0.5 0.12 2.6 < 0.1 < 50 < 0.01 3.93 < 1 < 0.2 24.5	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO	27.4 < 0.5 < 0.1 1.7 < 0.1 < 1 < 50 < 0.01 3.355 < 1 < 0.2	18 18 18 18 18 18 18 18 18 18	4.5 <0.5 <0.1 <1 <0.1 <50 <0.01 2.93 <1 <0.2 3.57	62.1 <0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 <0.5 92.7
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron	ug/L as Al ug/L as Al ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca ug/L as Ca ug/L as Co ug/L as Co ug/L as Cu ug/L as Cu ug/L as Cu	Metals  17.1  < 0.5  < 0.1  2.2  < 0.1  < 1  < 50  < 0.01  3.73  < 1  < 0.2  15  219	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7	28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 383	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO	27.4 < 0.5 < 0.1 1.7 < 0.1 < 1 < 50 < 0.01 3.355 < 1 < 0.2 1.7 < 1.7 < 1.	18 18 18 18 18 18 18 18 18 18 18	4.5 <0.5 <0.1 <1 <0.1 <50 <0.01 2.93 <1 <0.2 3.57 52	62.1 <0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 <0.5 92.7 573
Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead	ug/L as Al ug/L as Sb ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Ba ug/L as Cd mg/L as Ca ug/L as Cr ug/L as Co ug/L as Co ug/L as Fe ug/L as Fe	Metals  17.1 <0.5 <0.1 2.2 <0.1 <1 <50 <0.01 3.73 <1 <0.2 15 219 0.44	(ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 0.1 < 1 < 0.01 < 1 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25	28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 3883 0.65	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO	27.4 < 0.5 < 0.1 1.7 < 0.1 < 1 < 0.0 13.355 < 1 < 0.0 10.15 119 0.395	18 18 18 18 18 18 18 18 18 18 18 18	4.5 < 0.5 < 0.1 < 1 < 0.1 < 1 < 0.0 2.93 < 1 < 0.2 3.57 52 0.2	62.1 <0.5 0.14 2.6 <0.1 <1 <0.01 3.89 <1 <0.5 92.7 573 0.99
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium	ug/L as AI ug/L as AI ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Ca ug/L as Co	Metals  17.1  < 0.5  < 0.1  2.2  < 0.1  < 1  < 50  < 0.01  3.73  < 1  < 0.2  15  219  0.44  < 2	\$ (ND means) 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2	28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 383 0.65 < 2	al method used)  2900 MAC / 100 OG  6 MAC  10 MAC  1000 MAC  5000 MAC  5 MAC  No Guideline Required  50 MAC  2000 MAC / ≤ 1000 AO  ≤ 300 AO  5 MAC	27.4 < 0.5 < 0.1 1.7 < 0.1 < 50 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 < 2	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.89 < 1 < 0.5 92.7 573 0.99 < 5
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium	ug/L as Al ug/L as As ug/L as Sb ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Co ug/L as Co	Metals  17.1  <0.5 <0.1 2.2 <0.1 <1 <50 <0.01 3.73 <1 <0.2 15 219 0.44 <2 1.85	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76	28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 383 0.65 < 2 1.96	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required	27.4 < 0.5 < 0.1 1.7 < 0.1 < 50 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2 1.735	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 1.52	62.1 <0.5 0.14 2.6 <0.1 <50 <0.01 3.89 <1 <0.5 92.7 573 0.99 <5 2.07
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese	ug/L as AI ug/L as AI ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Bi ug/L as B ug/L as Cd mg/L as Cd mg/L as Cd ug/L as Co ug/L as Co ug/L as Fe ug/L as Pb ug/L as Mg ug/L as Mg	Metals  17.1  < 0.5  < 0.1  2.2  < 0.1  < 50  < 0.01  3.73  < 1  < 0.2  15  219  0.44  < 2  1.85  72.7	7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8	28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 383 0.65 < 2 1.96 167	al method used)  2900 MAC / 100 OG  6 MAC  10 MAC  1000 MAC  5000 MAC  5 MAC  No Guideline Required  50 MAC  2000 MAC / ≤ 1000 AO  ≤ 300 AO  5 MAC	27.4 <0.5 <0.1 1.7 <0.1 <10 <50 <0.01 3.355 <1 <0.2 <0.15 119 0.395 <2 1.735 32.45	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 < 0.2 < 2.2 8.8	62.1 <0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 <0.5 92.7 573 0.99 <5 2.07 208
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury	ug/L as Al ug/L as Sb ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Cc ug/L as Co	Metals  17.1  <0.5 <0.1 2.2 <0.1 <1 <50 <0.01 3.73 <1 <0.2 15 219 0.44 <2 1.85 72.7 <0.0019	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8	28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 383 0.65 < 2 1.96 167 < 0.0019	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required	27.4 < 0.5 < 0.1 1.7 < 0.1 < 15 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2 1.735 < 2 1.735 < 2 < 0.01	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 < 2 1.52 8.8 < 0.0019	62.1 <0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 <0.5 92.7 573 0.99 <5 2.07 208 0.0032
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum	ug/L as AI ug/L as AI ug/L as Sb ug/L as Sb ug/L as Ba ug/L as Bi ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Ca ug/L as Co ug/L as Ho ug/L as Mg ug/L as Mn	Metals  17.1  < 0.5  < 0.1  2.2  < 0.1  < 1  < 50  < 0.01  3.73  < 1  < 0.2  15  219  0.44  < 2  1.85  72.7  < 0.0019  < 1	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8 < 0.0019 < 1	d by analytic.  28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 383 0.65 < 2 1.96 167 < 0.0019 < 1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required	27.4 < 0.5 < 0.1 1.7 < 0.1 < 50 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2 1.735 < 2.1 < 0.01 < 0.01	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 < 2 1.52 8.8 < 0.0019 < 1	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.89 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 209 < 1 < 0.00 < 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
Haloacetic Acids (Included Included Inc	ug/L as Al ug/L as As ug/L as Sb ug/L as Ss ug/L as Ba ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Cd ug/L as Co ug/L as Fe ug/L as Hg ug/L as Mg	Metals  17.1  <0.5 <0.1 2.2 <0.1 <1 <50 <0.01 3.73 <1 <0.2 15 219 0.44 <2 1.85 72.7 <0.0019 <1 <1 <1	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8 < 0.0019 < 1 < 1	d by analytic.  28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 383 0.65 < 2 1.96 167 < 0.0019 < 1 < 1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required	27.4 < 0.5 < 0.1 1.7 < 0.1 < 50 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2 1.735 32.45 < 0.0019 < 1 < 1	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 2.52 8.8 < 0.001 2.93 < 1 < 0.2 3.57 52 0.2 1.52 8.8 < 0.001 < 1.52 < 0.001 6.	62.1 <0.5 0.14 2.6 <0.1 <50 <0.01 3.89 <1 <0.5 92.7 573 0.99 <5 2.07 208 0.0032 <1 <1
Haloacetic Acids (Included Included Inc	ug/L as Al ug/L as Al ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Co ug/L as Fe ug/L as Hg ug/L as Mn	Metals  17.1  <0.5 <0.1 2.2 <0.1 <1 <50 <0.01 3.73 <1 <0.2 15 219 0.44 <2 1.85 72.7 <0.0019 <1 0.347	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8 < 0.0019 < 1 < 1	d by analytic  28     < 0.5       0.12       2.6       < 0.1       < 50       < 0.01       3.93       < 1       < 0.2       24.5       383       0.65       < 2       1.96       167       < 0.0019       < 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       <	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	27.4 < 0.5 < 0.1 1.7 < 0.1 < 1 < 50 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2 1.735 32.45 < 0.0019 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 <0.5 <0.1 <1 <0.1 <50 <0.01 2.93 <1 <0.2 3.57 52 0.2 2.2 1.52 8.8 <0.0019 <1 <1 <0.241	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.89 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium	ug/L as Al ug/L as Sb ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Ca ug/L as Co ug/L as Mo ug/L as Mo ug/L as Mo ug/L as Ni mg/L as Ki ug/L as Ke	Metals  17.1 <0.5 <0.1 2.2 <0.1 <15 <0.01 3.73 <1 <0.2 15 219 0.44 <2 1.85 72.7 <0.0019 <1 0.347 <0.1	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 0.1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8 < 0.0019 < 1 < 0.339 < 0.1	d by analytic  28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 383 0.65 < 2 1.96 167 < 0.0019 < 1 < 1 0.397 < 0.1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required	27.4 <0.5 <0.1 1.7 <0.1 <15 <0.01 3.355 <1 <0.2 10.15 119 0.395 <2 1.735 32.45 <0.0019 <1 <1 0.3375 <0.01	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 52 0.2 <2 2 1.52 8.8 <0.0019 <1 <1 <0.2 <1 <0.2 <2 0.2 <2 0.2 <2 0.01 <0.2 <2 0.01 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.0 <0.	62.1 < 0.5 0.14 2.6 < 0.1 < 15 < 50 < 0.01 3.89 < 1 < 0.2.7 573 0.99 < 5 2.07 208 0.0032 < 1 0.388 < 1 0.388 < 1 0.388 < 0.388 < 0.3888 < 0.38888 < 0.3888 < 0.388888 < 0.3888 < 0.3888 < 0.38888 < 0.3888 < 0.3888 < 0.3888
Haloacetic Acids (Indicated the Indicated th	ug/L as AI ug/L as AI ug/L as Sb ug/L as Sb ug/L as Ba ug/L as Be ug/L as Bi ug/L as Bi ug/L as Co ug/L as Fe ug/L as Mg ug/L as Mg ug/L as Mn ug/L as Ni mg/L as Si mg/L as Si	Metals  17.1  < 0.5  < 0.1  2.2  < 0.1  < 1  < 50  < 0.01  3.73  < 1  < 0.2  15  219  0.44  < 2  1.85  72.7  < 0.0019  < 1  < 1  0.347  < 0.1  1480	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8 < 0.0019 < 1 < 1 0.339 < 0.1 805	d by analytic.  28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 383 0.65 < 2 1.96 167 < 0.0019 < 1 < 1 0.397 < 0.1 2190	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC No Guideline Required 120 MAC / ≤ 20 AO	27.4 < 0.5 < 0.1 1.7 < 0.1 < 50 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2 1.735 < 0.0019 < 1 < 1 < 0.0019 < 1 < 1 < 0.011 < 0.01 < 0.0	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 < 2 1.52 8.8 < 0.0019 < 1 < 1 < 0.01 40.01 40.01 40.02	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.89 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 < 1 < 1 < 0.5 92.7 573 0.99 < 5 0.01 2.07 2.07 2.08 < 1 2.07 2.08 < 1 2.09 < 1 2.09
Haloacetic Acids (Included the Included the	ug/L as Al ug/L as Al ug/L as Sb ug/L as Ss ug/L as Ba ug/L as Ba ug/L as Ba ug/L as Ba ug/L as Ca ug/L as Ca ug/L as Ca ug/L as Co ug/L as Fe ug/L as Hg ug/L as Mn ug/L as Mn ug/L as Mi mg/L as Ki ug/L as Ki ug/L as Se mg/L as Se mg/L as Se	Metals  17.1  <0.5 <0.1 2.2 <0.1 <15 <0.01 3.73 <1 <0.2 15 219 0.44 <2 1.85 72.7 <0.0019 <1 <1 0.347 <0.1 1480 <0.02	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.66 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8 < 0.0019 < 1 < 1 0.339 < 0.1 805 < 0.02	d by analytic.  28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 383 0.65 < 2 1.96 167 < 0.0019 < 1 < 1 0.397 < 0.1 2190 < 0.02	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC No Guideline Required 120 MAC / ≤ 20 AO	27.4 < 0.5 < 0.1 1.7 < 0.1 < 50 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2 1.735 32.45 < 0.0019 < 1 0.3375 < 0.01	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 1.52 8.8 < 0.001 < 1 < 1 40.2 4	62.1 < 0.5 0.14 2.6 < 0.1 < 15 < 0.0 < 0.01 3.89 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 < 1 < 2 < 2 < 2 < 3 < 3 < 3 < 4 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 5
Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silicon Silver Sodium	ug/L as Al ug/L as Al ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Co ug/L as Hg ug/L as Mn ug/L as Mn ug/L as Mn ug/L as Ki ug/L as Se mg/L as Se mg/L as Si ug/L as Ag mg/L as Ag	Metals  17.1  <0.5 <0.1 2.2 <0.1 <1 <50 <0.01 3.73 <1 <0.2 15 219 0.44 <2 1.85 72.7 <0.0019 <1 <1 0.347 <0.1 1480 <0.02 9.66	7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8 < 0.0019 < 1 < 1 0.339 < 0.1 805 < 0.02 9.31	28 < 0.5 0.12 2.6 < 0.1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 383 0.65 < 2 1.96 167 < 0.0019 < 1 0.397 < 0.1 2190 < 0.02 10.7	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	27.4 < 0.5 < 0.1 1.7 < 0.1 < 1 < 50 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2 2 1.735 32.45 < 0.0019 < 1 0.3375 < 0.1 1960 < 0.3375 < 0.1 9.0375 < 0.1 9.0395 < 0.01 < 0.01 < 0.01 < 0.01 < 0.02 9.0375 < 0.01 < 0.	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 52 0.2 1.52 8.8 <0.0019 <1 <1 <0.241 <0.1 408 <0.01 <0.01 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.02 <0.02 <0.02 <0.03 <0.03 <0.03 <0.04 <0.04 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.89 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 < 1 < 1 < 0.5 92.7 1 1 1 1 1 1 1 1 1 1 1 1 1
Haloacetic Acids (Haloacetic Acids (Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Coloalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium	ug/L as Al ug/L as Al ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Cd ug/L as Co ug/L as Ni mg/L as Mo ug/L as Si ug/L as Sa ug/L as Na ug/L as Na ug/L as Na	Metals  17.1 <0.5 <0.1 2.2 <0.1 <15 <0.01 3.73 <1 <0.2 15 219 0.44 <2 1.85 72.7 <0.0019 <1 0.347 <0.1 1480 <0.02 9.66 15.2	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 0.1 < 1 < 50 < 0.01 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8 < 0.0019 < 1 < 1 < 0.339 < 0.01 805 < 0.02 9.31 14.3	d by analytic  28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 383 0.65 < 2 1.96 < 0.0019 < 1 < 1 0.397 < 0.01 2190 < 0.02 10.7 16	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC No Guideline Required 120 MAC / ≤ 20 AO	27.4 < 0.5 < 0.1 1.7 < 50 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2 1.735 32.45 < 0.0019 < 1 < 1 0.3375 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 < 1 < 50 < 0.01 2.93 .57 52 0.2 < 2 1.52 8.8 < 0.0019 < 1 < 1 < 1 < 0.2 3.57 52 0.2 < 2 1.5 0.2 < 2 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	62.1 < 0.5 0.14 2.6 < 0.01 < 1 < 50 < 0.01 3.89 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 < 1 < 1 < 1 < 1 < 1 < 2 < 1 < 2 < 2 < 1 < 2 < 3 < 3 < 4 < 4 < 5 < 5 < 6 < 7 < 7 < 7 < 7 < 7 < 7 < 7 < 7
Haloacetic Acids (Included the Included the	ug/L as AI ug/L as AI ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Be ug/L as Bi ug/L as Bi ug/L as Co ug/L as No ug/L as No ug/L as No ug/L as Si	Metals  17.1  < 0.5  < 0.1  2.2  < 0.1  < 1  < 50  < 0.01  3.73  < 1  < 0.2  15  219  0.44  < 2  1.85  72.7  < 0.0019  < 1  < 1  0.347  < 0.01  1480  < 0.02  9.66  15.2  < 3	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1.6 < 0.1 < 50 < 0.01 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8 < 0.0019 < 1 < 1 < 0.339 < 0.1 805 < 0.02 9.31 14.3 < 3	d by analytic.  28	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	27.4 < 0.5 < 0.1 1.7 < 0.1 < 50 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2 1.735 < 0.0019 < 1 < 1 0.375 < 0.0019 < 1 < 1 0.375 < 0.0019 < 1 < 1 0.375 < 0.0019 < 1 < 1 0.375 < 0.01 1960 < 0.02 9.52 14.25 < 3	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 < 2 1.52 8.8 < 0.0019 < 1 < 1 0.2 0.2 3.57 52 0.2 < 2 1.52 8.8 < 0.0019 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1	62.1 < 0.5 0.14 2.6 < 0.1 < 15 < 0.0 < 0.01 3.89 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1
Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium Sulfur Thallium	ug/L as Al ug/L as As ug/L as Sb ug/L as Ba ug/L as Ca ug/L as Ca ug/L as Co ug/L as Ko ug/L as Mn ug/L as Mn ug/L as Mn ug/L as Ms ug/L as Ms ug/L as Ni mg/L as K ug/L as Si	Metals  17.1  <0.5 <0.1 2.2 <0.1 <1 <50 <0.01 3.73 <1 <0.2 15 219 0.44 <2 1.85 72.7 <0.0019 <1 <1 0.347 <0.1 1480 <0.02 9.66 15.2 <3 <0.01	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.66 < 0.5 < 0.1   1.6 < 0.1   1.6 < 0.1   1.7 < 0.1   1.6 < 0.1   1.6 < 0.1   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2	28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.013 3.93 < 1 < 0.2 24.5 383 0.65 < 2 1.96 167 < 0.0019 < 1 < 1 0.397 < 0.1 2190 < 0.02 10.7 16 < 3 < 0.01	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	27.4 < 0.5 < 0.1 1.7 < 0.1 < 50 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2 1.735 32.45 < 0.0019 < 1 0.3375 < 0.02 9.52 14.25 < 3 < 0.02 3.355 < 0.01	18 18 18 18 18 18 18 18 18 18 18 118 11	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 < 2 1.52 8.8 < 0.001 < 1 < 1 < 1 < 0.2 3.57 50 < 2 1.52 8.8 < 0.001 < 1 < 1 < 1 < 1 < 1 < 1 < 1 <	62.1 <0.5 0.14 2.6 <0.1 <50 <0.01 3.89 <1 <0.5 92.7 573 0.999 <5 2.07 208 0.0032 <1 <1 2.860 <0.01 3.88 <0.1 4.60 <0.032 <1 4.60 <0.038 <0.01 4.60 <0.038 <0.01 4.60 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.03
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Siliver Sodium Strontium Sulfur Thallium Tin	ug/L as Al ug/L as As ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Co ug/L as Ko ug/L as Li mg/L as Mg ug/L as Mn ug/L as Mn ug/L as Sm ug/L as Si	Metals  17.1  <0.5 <0.1 2.2 <0.1 <1 <50 <0.01 3.73 <1 <0.2 15 219 0.44 <2 1.85 72.7 <0.0019 <1 <1 0.347 <0.1 1480 <0.02 9.66 15.2 <3 <0.01 <5	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 0.1 < 1 < 50 < 0.01 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8 < 0.0019 < 1 < 1 < 1 < 0.339 < 0.1 8 < 0.0019 < 1 < 1 < 1 < 1 < 2 < 2 < 2 < 3 < 4 < 5 < 5 < 5 < 6 < 7 < 7 < 7 < 7 < 7 < 8 < 7 < 8 < 7 < 7 < 8 < 8 < 7 < 7 < 8 < 8 < 7 < 7 < 8 < 7 < 7 < 8 < 7 < 7 < 8 < 8 < 7 <	28	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	27.4 <0.5 <0.1 1.7 <0.1 <50 <0.01 3.355 <1 10.2 10.15 119 0.395 <2 1.735 32.45 <0.001 <1 <0.01 <1 <0.01 <1 <0.01 <1 <0.01 <1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 52 0.2 1.52 8.8 <0.001 <1 <0.241 <1 <0.1 400 400 400 400 400 400 400 40	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.89 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 < 1 < 2.6 < 0.01 3.89 < 0.5 92.7 573 0.99 < 5 2.07 208 < 0.03 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1
Haloacetic Acids (Included the Included the	ug/L as Al ug/L as As ug/L as Sb ug/L as Ba ug/L as Ca ug/L as Ca ug/L as Co ug/L as Ko ug/L as Mn ug/L as Mn ug/L as Mn ug/L as Ms ug/L as Ms ug/L as Ni mg/L as K ug/L as Si	Metals  17.1  <0.5 <0.1 2.2 <0.1 <1 <50 <0.01 3.73 <1 <0.2 15 219 0.44 <2 1.85 72.7 <0.0019 <1 <1 0.347 <0.1 1480 <0.02 9.66 15.2 <3 <0.01	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.66 < 0.5 < 0.1   1.6 < 0.1   1.6 < 0.1   1.7 < 0.1   1.6 < 0.1   1.6 < 0.1   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2   1.7 < 0.2	28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.013 3.93 < 1 < 0.2 24.5 383 0.65 < 2 1.96 167 < 0.0019 < 1 < 1 0.397 < 0.1 2190 < 0.02 10.7 16 < 3 < 0.01	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	27.4 < 0.5 < 0.1 1.7 < 0.1 < 50 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2 1.735 32.45 < 0.0019 < 1 0.3375 < 0.02 9.52 14.25 < 3 < 0.02 3.355 < 0.01	18 18 18 18 18 18 18 18 18 18 18 118 11	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 < 2 1.52 8.8 < 0.001 < 1 < 1 < 1 < 0.2 3.57 50 < 2 1.52 8.8 < 0.001 < 1 < 1 < 1 < 1 < 1 < 1 < 1 <	62.1 <0.5 0.14 2.6 <0.1 <50 <0.01 3.89 <1 <0.5 92.7 573 0.999 <5 2.07 208 0.0032 <1 <1 2.860 <0.01 3.88 <0.1 4.60 <0.032 <1 4.60 <0.038 <0.01 4.60 <0.038 <0.01 4.60 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.038 <0.03
Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenilum Silicon Siliver Sodium Strontium Sulfur Thallium Tin	ug/L as Al ug/L as As ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Co ug/L as Ko ug/L as Li mg/L as Mg ug/L as Mn ug/L as Mn ug/L as Sm ug/L as Si	Metals  17.1  <0.5 <0.1 2.2 <0.1 <1 <50 <0.01 3.73 <1 <0.2 15 219 0.44 <2 1.85 72.7 <0.0019 <1 <1 0.347 <0.1 1480 <0.02 9.66 15.2 <3 <0.01 <5	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 0.1 < 1 < 50 < 0.01 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8 < 0.0019 < 1 < 1 < 1 < 0.339 < 0.1 8 < 0.0019 < 1 < 1 < 1 < 1 < 2 < 2 < 2 < 3 < 4 < 5 < 5 < 5 < 6 < 7 < 7 < 7 < 7 < 7 < 8 < 7 < 8 < 7 < 7 < 8 < 8 < 7 < 7 < 8 < 8 < 7 < 7 < 8 < 7 < 7 < 8 < 7 < 7 < 8 < 8 < 7 <	28	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	27.4 <0.5 <0.1 1.7 <0.1 <50 <0.01 3.355 <1 10.2 10.15 119 0.395 <2 1.735 32.45 <0.001 <1 0.3375 <0.1 1960 <0.02 9.52 14.25 <3 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 52 0.2 1.52 8.8 <0.001 <1 <0.241 <1 <0.1 400 400 400 400 400 400 400 40	62.1 < 0.5 0.14 2.6 < 0.1 < 15 < 50 < 0.01 3.89 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.032 < 1 < 1 < 2.6 < 0.05 92.7 573 0.99 < 5 2.07 208 0.032 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1
Haloacetic Acids (*5 Total, HAA5)  Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium Sulfur Thallium Tin Titanium	ug/L as Al ug/L as Al ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Cd ug/L as Co ug/L as Fe ug/L as Fe ug/L as Mo ug/L as Mi mg/L as Mi mg/L as K ug/L as Si	Metals  17.1	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8 < 0.0019 < 1 < 1 < 0.339 < 0.1 805 < 0.02 9.31 14.3 < 3 < 0.01 < 5 < 5 < 5 < 5 < 5 < 5 < 5 < 6 < 7 < 7	28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 3883 0.65 < 2 1.96 < 0.019 < 1 < 1 < 1 0.397 < 0.1 2190 < 0.02 10.7 16 < 3 < 0.01 < 5 < 5	al method used)  2900 MAC / 100 OG	27.4 < 0.5 < 0.1 1.7 < 50 < 0.01 3.355 < 1 < 0.2 10.15 119 0.395 < 2 1.735 32.45 < 0.0019 < 1 < 1 0.3375 < 0.1 1960 < 0.02 1.41 2.5 < 3 < 0.01 1960 < 0.02 1.425 < 3 < 0.01	18 18 18 18 18 18 18 18 18 18 18 18 18 1	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 < 2 1.52 8.8 < 0.0019 < 1 < 1 < 1 < 1 < 2 < 2 < 2 < 2 < 2 < 2 < 2 < 3 < 3 < 3 < 3 < 3 < 3 < 4 < 7 < 7 < 8 < 8 < 8 < 8 < 8 < 8 < 8 < 9 < 9 < 9 < 9 < 9 < 9 < 9 < 9	62.1 < 0.5 0.14 2.6 < 0.0 < 0.1 < 1 < 50 < 0.01 3.89 < 5 2.07 208 0.0032 < 1 < 1 < 1 2.5 92.7 573 0.99 < 5 2.07 2.08 0.032 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1
Haloacetic Acids (Family Programs of the Competence of the Compete	ug/L as AI ug/L as AI ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Be ug/L as Bi ug/L as Bi ug/L as Bi ug/L as Co ug/L as So ug/L as Mo ug/L as Mi mg/L as Na ug/L as Si	Metals  17.1  < 0.5  < 0.1  2.2  < 0.1  < 1  < 50  < 0.01  3.73  < 1  < 0.2  15  219  0.44  < 2  1.85  72.7  < 0.0019  < 1  < 1  0.347  < 0.1  1480  < 0.02  9.66  15.2  < 3  < 0.01  < 5  < 5  < 0.1	\$ (ND means)  7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	5.6 < 0.5 < 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.35 < 1 < 0.2 8.15 49.7 0.25 < 2 1.76 8 < 0.0019 < 1 < 1 0.339 < 0.1 805 < 0.02 9.31 14.3 < 3 < 0.01 < 5 < 5 < 0.1	d by analytic.  28 < 0.5 0.12 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.2 24.5 383 0.65 < 2 1.96 167 < 0.0019 < 1 < 1 0.397 < 0.1 2190 < 0.02 10.7 16 < 3 < 0.01 < 5 < 5 < 0.1	al method used)  2900 MAC / 100 OG	27.4 <0.5 <0.1 1.7 <0.1 <50 <0.01 3.355 <1 <0.2 10.15 119 0.395 <2 1.735 32.45 <0.0019 <1 <1 0.3375 <0.1 1960 <0.02 9.52 14.25 <3 <0.01 <5 <0.01	18 18 18 18 18 18 18 18 18 18 18 18 11 18 18	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 < 1 < 50 < 0.01 2.93 .57 52 0.2 < 2 1.52 8.8 < 0.0019 < 1 < 1 0.21 3.57 52 2.21 .52 8.8 < 0.0019 < 1 < 1 < 0.01 < 1 < 0.01 < 0.	62.1 < 0.5 0.14 2.6 < 0.1 < 50 < 0.01 3.89 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 < 1 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 < 1 < 1 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1