# Lyall Harbour/Boot Cove Water Service

2020 Annual Report

# **CRD** | Drinking Water

#### Introduction

This report provides a summary of the Lyall Harbour/Boot Cove Water Service for 2020 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 Lyall Harbour/Boot Cove is primarily a rural residential development with community and commercial properties located on Saturna Island in the Southern Gulf Islands Electoral Area which was originally serviced by a private water utility and in 1978 the service converted to the Capital Regional District (CRD). The Lyall Harbour/Boot Cove water service is made up of 171 parcels (Figure 1) encompassing a total area of approximately 100 hectares. Of the 171 parcels, 152 properties (164 SFE's) are connected to the water system.

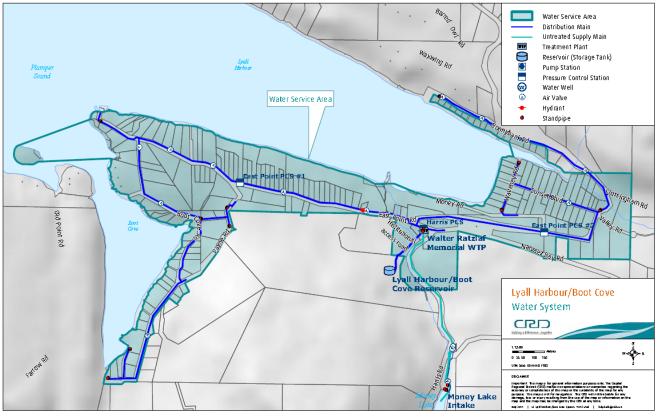


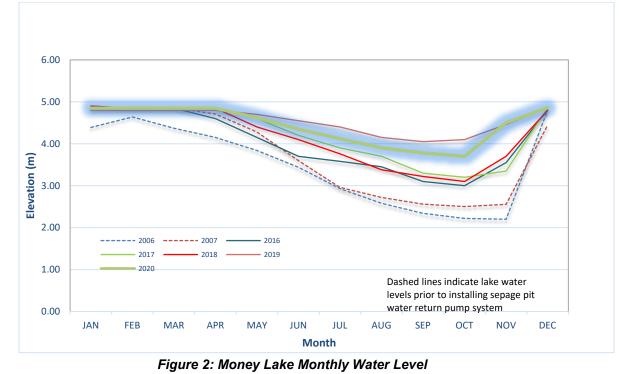
Figure 1: Map of Lyall Harbour/Boot Cove Water System

The Lyall Harbour/Boot Cove water system is primarily comprised of:

- Two raw water sources:
  - Money Lake, a small, impounded, surface water body that lies within a 94 hectare (230 acre) watershed on private land.
  - o Ground water spring (seepage pit) located near the base of Money Lake Dam.
- One earthen dam structure, Money Lake Dam No. 1.
- Treatment equipment including ozonation (currently offline), two stages of filtration (granular and adsorption), ultraviolet light disinfection and chlorine disinfection.
- One steel storage tank (total volume 136 cubic metres or 36,000 USGAL).
- Supervisory Control and Data Acquisition (SCADA) system.
- Distribution system and supply pipe network (8,390 metres of water mains).
- Other water system assets: 152 service connections and meters, three pressure reducing valve stations, 50 gate valves, 12 standpipes and a small auxiliary generator.

## Water Supply

Referring to Figure 2 below, Money Lake monthly water levels are highlighted for 2020. Water supply levels for the year are slightly lower than 2019 but greater than historical levels. It is important to note that water supply levels in Money Lake, prior to 2008, were historically lower during the summer period. An upgrade to mitigate the low water levels involved the installation of a groundwater seepage spring recirculation pumping system. Excess water from the seepage spring is pumped back to Money Lake in order to keep the Lake as full as possible. The groundwater seepage spring water level is not monitored; however the seepage spring weekly flow rate is monitored to confirm production rate. The seepage spring typically provides 100% of the winter water system demand for the community. Money Lake water is used periodically to supplement seepage spring flows, typically during the summer dry period.



#### Water Production and Demand

Referring to Figure 3, 23,391 cubic meters of water was extracted (water production) from the seepage spring and Money Lake Reservoir in 2020; a 13% increase from the previous year and a 6% decrease from the five year average. Water demand (customer water billing) for the service totaled 19,313 cubic meters of water; a 10% increase from the previous year and an 11% increase from the five year average. The higher water production is partially the result of water system leak repairs.

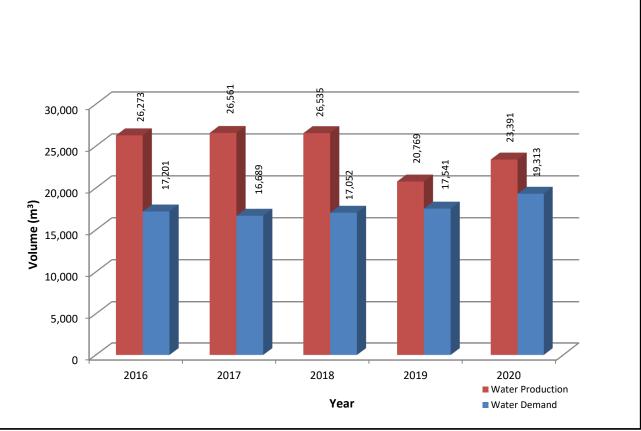


Figure 3: Lyall Harbour/Boot Cove Water System Annual Water Production and Demand.

The difference between annual water production and annual customer demand is referred to as nonrevenue water and can include water system leaks, water system maintenance and operational use (e.g. water main flushing, filter system backwashing), potential unauthorized use and fire-fighting use.

The 2020 non-revenue water (4,078 cubic meters) represents about 17% of the total water production for the service area. However, almost 13% of the non-revenue water can be attributed to operational use which includes a water main flushing to keep chlorine residuals at acceptable levels at the extremities of the water system and water treatment filtration system backwashing activities. Therefore, the non-revenue water associated with system losses is approximately 4% which is considered acceptable for small water systems.

Figure 4 illustrates the monthly water production for 2020 along with the historical water production information. The monthly water production trends are typical for small water systems such as the Lyall Harbour/Boot Cove water system.

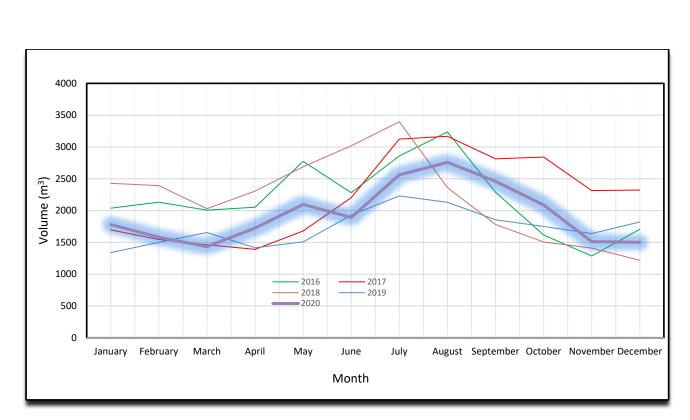


Figure 4: Lyall Harbour/Boot Cove Water Service Monthly Water Production.

## **Drinking Water Quality**

The Lyall Harbour/Boot Cove Water System uses predominantly seepage water collected from below the Money Lake dam as the primary raw water source. During the summer months this source is supplemented or completely replaced with flows from Money Lake. During late summer and early fall 2020, all source water was supplied by Money Lake only as the seepage water collection system ran dry. There is sufficient evidence to conclude that the seepage water is hydraulically connected to the lake source.

The Lyall Harbour/Boot Cove Water System had another challenging year in 2020. A high turbidity Boil Water Advisory (BWA) that was issued on February 5, 2020 lasted until March 27, 2020. A similar turbidity pattern occurred again in the fall of 2020 and necessitated another turbidity related BWA on November 13, 2020, which lasted until March 3, 2021. It appears that with the onset of seasonal rainfall in the fall, the raw water conditions in Money Lake and in particular in the seepage water change to include dissolved and/or suspended solids fractions that the existing treatment plant is unable to remove in order to maintain a post-filtration water turbidity of < 1 NTU. This adverse change in raw water conditions seems to subside regularly around February or March. More detailed investigations are required to identify the specific drivers of this issue and to design a mitigation strategy.

Between July 22 and September 15, 2020, Money Lake was subject to a cyanobacteria bloom, following a pattern seen in previous years. Multiple cyanotoxin tests did not detect microcystin toxins in the raw water during this bloom. This blooms did not pose a public health risk through the drinking water supplied.

In August 2020, both regulated disinfection by-products, total Trihalomethanes – TTHM and Haloacetic Acids – HAA, exceeded the maximum acceptable concentration (MAC – measured

against the annual average concentration) in the Guidelines for Canadian Drinking Water Quality (GCDWQ). In consultation with Island Health, CRD issued a public health advisory to all customers with instructions for avoiding exposure to high disinfection by-product concentrations in the drinking water. CRD also developed a disinfection by-product management plan with short, mid-term and long term action items. The short-term actions were implemented immediately and led to a successive reduction of the disinfection by-product concentrations. By November, the concentrations were consistently below the Health Canada MAC. The public health advisory for disinfection by-products was rescinded in February 2021. CRD remains committed to following through with mid and long term actions to address this reoccurring issue.

The data below provides a summary of the water quality characteristics in 2020:

Raw Water:

- The raw water exhibited overall low concentrations of total coliform bacteria, with higher concentrations during the summer and fall months when lake water was the primary water source and water temperatures were high. Consistently throughout the year, the raw water entering the treatment plant contained either none or only very low concentrations of *E. coli* bacteria.
- The raw water turbidity ranged from 0.95 to 12.0 NTU. The highest raw water turbidity period
  was late fall (Nov/Dec) with the onset of heavy rainfalls. The median annual raw water turbidity
  was higher than last year with 2.6 NTU, likely due to a significant increase in turbidity sampling
  and testing during the adverse event in November and December. During the spring and
  summer months the raw water turbidity was consistently low between 1 and 3 NTU.
- No *Giardia* cysts were detected in 2 samples in 2020. One of two samples for *Cryptosporidium* oocysts detected a small concentration (0.88 / 100L) of this parasite. The UV equipment at the treatment plant is designed to inactivate these parasite concentrations.
- The raw water had naturally high concentrations of iron and manganese especially during the spring and fall season. Elevated iron and manganese concentrations are typically released during the fall turnover event in Money Lake and can be compounded by the ground passage of the seepage water.
- The raw water was slightly hard (median hardness 44.1 mg/L CaCO<sub>3</sub>).
- The natural total organic carbon in the source water was relatively high (median 4.9 mg/L).

Treated Water:

- Outside the periods with a Boil Water Advisory, the treated water was bacteriologically safe to drink. Throughout the year, four samples from the distribution system tested positive for total coliform bacteria. Subsequent resamples were negative and confirmed that no actual drinking water contamination occurred. No *E.coli* bacteria were detected in any treated water sample.
- From January to the end of March, the treated water turbidity was generally > 1 NTU and caused the Boil Water Advisory until March 27, 2020. The treated water turbidity was then consistently under the *GCDWQ* turbidity limit of 1.0 NTU from April until November. By November, the treated water turbidity increased and resulted in another Boil Water Advisory starting on November 13, 2020 and lasting through the end of the year into 2021.
- The treated water total organic carbon (TOC) was periodically very high within a range from 3.3 to 34 mg/L. The annual mean was 4.2 mg/L. There is currently no guideline in the GCDWQ for

TOC levels, however TOC levels > 2 mg/L indicate a potential for disinfection by-product exceedances. TOC levels > 4 mg/L are usually a precursor for high disinfection by-product concentrations.

- TTHM and HAA disinfection by-product concentrations until August 2020 were either very close
  or above the Health Canada maximum acceptable concentration for drinking water. In response,
  a public health advisory was issued to all customers on September 2, 2020. Upon implementing
  corrective actions, CRD staff was able to reduce the concentrations of both TTHM and HAA until
  the end of the year. The advisory, however, stayed in place through 2020 until February 2021.
- The pH of the treated water was consistently below the aesthetic objective range to 10.5 as per GCDWQ (annual median pH 6.9). This could be an indication of metal corrosion issues in the system.
- The treated water had iron and manganese concentrations in exceedance of the aesthetic objective in November 2020. No result exceeded the newly introduced health limit for manganese. The elevated iron and manganese originate in Money Lake during the fall turnover event and transfer also to the seepage water during that time of year. Elevated iron concentrations are not a health concern but can lead to discolouration of the drinking water which can be a nuisance for the customers. The newly established GCDWQ MAC for aluminum was at no time in 2020 exceeded.

Table 1 and 2 below provide a summary of the 2020 raw and treated water test results.

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

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

## **Operational Highlights**

The following is a summary of the major operational issues that were addressed by CRD Integrated Water Services staff:

- Water system leak repair at 100 East Point Road
- Water system leak repair at 112 Payne Road
- Emergency response to high water turbidity levels and resulting boil water advisory for the service
- Several emergency responses to low reservoir water levels and resulting leak detection efforts
- SCADA communications corrective maintenance
- Water treatment plant backflow prevention equipment mechanical repairs

## **Capital Project Updates**

The Capital Projects that were completed in 2020 included:

- 1. Dam Safety Improvements Toe Berm: Remaining funds were utilized to retain a contractor to place thick polysheet and granular fill over the infiltrators to reduce the possible effects of surface runoff entering the water system. This work was carried out mid-December 2020.
- Dam Safety Improvement Seismic Design: Final reports were received from Thurber on the conceptual design and extents of liquefiable layer. Recommendations were used as a basis for the grant application.
- 3. A grant application for dam improvements, water system upgrades to improve the water quality and effectiveness of the water treatment system was submitted in October 2020. If successful, work can start as early as end of 2021.

#### **Financial Report**

Please refer to the attached 2020 Financial Summary Statement of Operations. Revenue includes parcel taxes (Transfers from Government), fixed user fees (User Charges), interest on savings Interest Earnings), and miscellaneous revenue such as late payment charges (Other Revenue).

Expenses includes 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 includes CRD staff time as well as the cost of equipment, tools and vehicles. Debt servicing costs are interest and principal payments on long term debt. Other Expenses includes 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 are added to any surplus or deficit carry forward from the prior year, yielding an Accumulated Surplus (or deficit) that is carried forward to the following year.

As of December 31, 2020, the accumulated deficit was (\$22,103). In alignment with Local Government Act Section 374 (11), if actual expenditures exceed actual revenues, any deficiency must be included in the next year's financial plan. The financial plan approved on March 24, 2021 incorporated this deficit.

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Attachment: 2020 Financial Summary Statement of Operations

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

# Table 1

PARAMETER Parameter Name In means Not Detected by analytical me Carbon, Total Organic Colour, True Hardness as CaCO <sub>3</sub> pH		Annual Median	Samples Analyzed	ICAL RESUL Rai Minimum	nge Maximum	<pre>CANADIAN GUIDELINES </pre> <pre>    <pre>    <pre>   <pre>    <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>   <pre>    <pre>   <pre>   <pre>    <pre>   <pre>   <pre>    <pre>    <pre>    <pre>    <pre>   <pr< th=""><th>Median</th><th>Samples Analyzed</th><th>9 RESULTS Range</th></pr<></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	Median	Samples Analyzed	9 RESULTS Range
Name means Not Detected by analytical me Carbon, Total Organic Colour, True Hardness as CaCO <sub>3</sub>	Measure ethod used	Median	· ·			$\leq$ = Less than or equal to	Modian		
Carbon, Total Organic Colour, True Hardness as CaCO <sub>3</sub>		Dha			maximum		weulan	Analyzeu	Minimum-Maximu
Colour, True Hardness as CaCO <sub>3</sub>		DI							
Colour, True Hardness as CaCO <sub>3</sub>		Pny	sical/Bio	ological F	Paramete	ers			
Colour, True Hardness as CaCO <sub>3</sub>									
Hardness as CaCO <sub>3</sub>	mg/Las C	4.90	11	3.9	5.3		5.30	75	3.27 - 18.0
-	TCU	20.0	13	13.0	33.0		17.0	19	12.7 - 35.0
Ha	mg/L	44.1	4	40.0	46.5	No Guideline Required	43.0	63	34.7 -52.2
	pH units	6.55	2	6.40	6.70	7.0 - 10.5 AO	6.90	27	6.62 -7.75
Turbidity, Field Samples	NTU	2.60	43	0.95	12.0		1.31	29	0.70 - 6.38
Turbidity, Grab Samples	NTU	2.10	15	1.30	6.60		1.80	105	0.60 - 20.3
Water Temperature	Degrees C	8.80	60	5.5	22.0	15°C AO	11.00	178	4.0 - 25.0
					,				
				Metals					
			F	-	F			Þ	
Aluminum	ug/L as Al	98.7	4	34.9	255.0	2900 MAC / 100 OG	73.1	63	ND - 739
Antimony	ug/L as Sb	ND	4	ND	0.0	6 MAC	ND	63	ND - 0.04
Arsenic	ug/L as As	0.49	4	0.29	0.70	10 MAC	0.32	63	ND - 7.49
Barium	ug/L as Ba	2.35	4	2.30	4.00	1000 MAC	3.80	63	ND - 40.4
Beryllium	ug/L as Be	ND	4	ND	0.0		ND	63	ND - 0.00
Bismuth	ug/L as Be	ND	4	ND	0.0		ND	53	ND - 0.02
			4			5000 144 0			
Boron	ug/L as B	ND		ND	0.0	5000 MAC	ND	37	ND - 11.0
Cadmium	ug/L as Cd	ND	4	ND	0.0	5 MAC	ND	37	ND - 0.09
Calcium	mg/L as Ca	11.1	4	10.1	11.8	No Guideline Required	10.9	63	8.10 - 13.2
Chromium	ug/L as Cr	ND	4	ND	0.0	50 MAC	ND	63	ND - 0.15
Cobalt	ug/L as Co	ND	4	ND	0.20		ND	63	ND - 1.38
Copper	ug/L as Cu	3.09	4	2.70	5.05	2000 MAC / ≤ 1000 AO	4.05	63	ND - 285.0
Iron	ug/L as Fe	208.0	4	172.0	1150.0	≤ 300 AO	292.5	63	25.6 - 1960.0
Lead	ug/L as Pb	0.43	4	0.26	1.30	5 MAC	0.40	63	ND - 105.0
Lithium	ug/L as Li	ND	2	ND	0.0		ND	27	ND - 20.1
Magnesium	mg/Las Mg	3.99	4	3.57	4.13	No Guideline Required	3.82	63	3.18 - 4.67
Manganese	ug/Las Mg	19.35	4	9.8	105.0	120 MAC / ≤ 20 AO	33.35	64	ND - 1370
	U U		4			120 IVIAC/ ≥ 20 AU			
Molybdenum	ug/L as Mo	ND		ND	0.0		ND	63	ND - 0.07
Nickel	ug/L as Ni	ND	4	ND	0.0		ND	63	ND - 4.70
Potassium	mg/L as K	0.69	4	0.55	0.72		0.66	63	0.31 - 1.36
Selenium	ug/L as Se	ND	4	ND	0.0	50 MAC	ND	63	ND - 0.11
Silicon	mg/L as Si	6.77	4	5.96	7.44		7.29	63	1.17 - 19.8
Silver	ug/L as Ag	ND	4	ND	0.0	No Guideline Required	ND	63	ND - 0.03
Sodium	mg/Las Na	8.99	4	8.82	9.22	≤ 200 AO	9.20	63	6.44 - 13.2
Strontium	ug/L as Sr	97.85	4	85.4	112.0	7000 MAC	96.8	63	70.0 - 120
Sulfur	mg/L as S	ND	4	ND	0.0		ND	53	ND - 6.10
Tin	ug/L as Sn	ND	4	ND	0.0		ND	63	ND - 65.0
Titanium	ug/L as Ti	4.75	4	ND	11.3		ND	63	ND - 65.0
Thallium	0	4.75 ND	4	ND	0.0		ND ND	53	ND - 65.0 ND - 0.03
	ug/L as TI		-			20.144.0			
Uranium	ug/L as U	ND	4	ND	0.0	20 MAC	ND	53	ND - 0.01
Vanadium	ug/L as V	ND	4	ND	0.0		ND	63	ND - 0.50
Zinc	ug/L as Zn	5.85	4	5.10	17.0	≤ 5000 AO	9.00	63	ND - 258.0
Zirconium	ug/L as Zr	0.18	4	0.11	0.31		ND	53	ND - 0.56
			Microb	ial Paran	neters				
Indicator Bacteria	а								
Coliform, Total	CFU/100 mL	270	13	11.0	1600		81.5	104	0 - 9200
E. coli	CFU/100 mL	ND	13	ND	1000		0.50	104	0 - 9200
L. COII Hetero. Plate Count, 35C (2 day)	CFU/100 mL CFU/1 mL	UN		zed in 2012	10		0.50 624	31	0 - 10
Parasites			.,						
1 4143163									
Cryptosporidium, Total oocysts	oocysts/100 L	ND	2	ND	0.88	Zero detection desirable	0.30	19	ND - 2.80
Giardia, Total cysts	cysts/100 L	ND	2	ND	0.0	Zero detection desirable	0	19	ND
Algal Toxins	ug/L	ND	1	ND	ND	1.5 ug/L MAC	ND	21	ND

## Table 2

	Treated Water T		-			-			
PARAMETER		20	20 ANALYTI	CAL RESUL	TS	CANADIAN GUIDELINES	2010	-2019 ANAL	TICAL RESULTS
Parameter	Units of	Annual	Samples	Rai	nge			Samples	Range
Name	Measure	Median	Analyzed	Min.	Max.	$\leq$ = Less than or equal to	Median	Analyzed	MinMax.
eans Not Detected by analytic	al method used								
			Phys	ical Para	ameters	;			
Carbon, Total Organic	mg/L as C	4.20	17	3.30	34.0		4.40	112	1.10 - 66.9
Colour, True	TCU	6.00	10	3.0	14.0		6.10	14	2.0 - 14.0
pH	No units	6.90	3	6.30	8.00	7.0 - 10.5 AO	6.79	15	6.56 - 7.03
Hardness	mg/L as CaCO3	45.85	8	40.8	47.7		43.20	39	37.2 - 50.1
Turbidity	NTU	0.80	22	0.25	1.50	1 MAC and ≤ 5 AO	1.00	158	0.18 - 9.80
Turbidity, Field Samples	NTU	1.01	23	0.50	2.05		0.72	77	0.17 - 2.76
Water Temperature	Degrees C	9.7	120	6.0	19.0	≤ 15 AO	12.0	1643	0.0 - 20.5
· ·	3						-		
		-	Micro	bial Par	ameters	6			
Indicator Bact	eria				1			. I	
Coliform, Total	CFU/100 mL	ND	107	ND	460	0 MAC	0	653	0 - 206
E. coli	CFU/100 mL	ND	107	ND	0	0 MAC	0	653	0 - 0.30
Hetero. Plate Count, 7 day	CFU/1 mL	1150	16	20	5700	No Guideline Required	10	46	0 - 20000
Helero. Hale Couril, 7 day	CF0/TINL	1150	10	20	5700	No Guideline Required	10	40	0 - 20000
			Å	Algal Tox	ins			·	
Algal Toxins									
Cyanotoxin	ug/L		Not teste	d in 2020		1.5 ug/L MAC	ND	3	ND
Disinfectant			D	isinfecta	ants				
Disinfectant	5								
Chlorine, Free Residual	mg/L as Cl2	0.51	121	0.03	4.70	No Guideline Required	0.33	1995	0.00 - 8.50
Chlorine, Total Residual	mg/L as Cl <sub>2</sub>	0.75	42	0.10	4.80	No Guideline Required	0.48	1988	0.01 - 8.60
· · · · · · · · · · · · · · · · · · ·									
			Disinfe	ction By	-Produc	cts			
Haloacetic Ac	ids								
HAA5	ug/L	82	5	40	130	80 MAC	36.20	16	ND - 160
Trihalomethanes	(THMs)								
Bromodichloromethane	ug/L	15.5	10	13.0	22.0		17.7	38	0.64 - 40.6
Bromoform	ug/L	ND	10	ND	0.0		ND	38	ND - 0.28
			-						
Chloroform	ug/L	80.5	10	62.0	98.0		79.1	38	7.26 - 250.0
Chlorodibromomethane	ug/L	1.80	10	1.2	1.70	100 140 0	2.11	38	ND - 31.0
Total Trihalomethanes	ug/L	98.0	10	76.0	120.0	100 MAC	99.5	38	7.90 - 280
				Metals		ļ			
				motale	·				
Aluminum	ug/L as Al	21.15	8	9.10	90.1	2900 MAC / 100 OG	18.5	39	7.30 - 100.0
					_	2900 MAC / 100 OG			
Antimony	ug/L as Sb	ND	9	ND	0.0	6 MAC	ND	39	ND - 0.50
Antimony Arsenic	ug/L as Sb ug/L as As	ND 0.34	9 8	ND 0.27	0.0 0.52	6 MAC 10 MAC	ND 0.33	39 39	ND - 0.50 0.20 - 0.80
Antimony Arsenic Barium	ug/L as Sb ug/L as As ug/L as Ba	ND 0.34 3.35	9 8 8	ND 0.27 2.70	0.0 0.52 4.80	6 MAC	ND 0.33 1.90	39 39 39	ND - 0.50 0.20 - 0.80 1.50 - 16.1
Antimony Arsenic Barium Beryllium	ug/L as Sb ug/L as As ug/L as Ba ug/L as Be	ND 0.34 3.35 ND	9 8 8 8	ND 0.27 2.70 ND	0.0 0.52 4.80 0.0	6 MAC 10 MAC	ND 0.33 1.90 ND	39 39 39 39 39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0
Antimony Arsenic Barium Beryllium Bismuth	ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Bi	ND 0.34 3.35 ND ND	9 8 8 8 8	ND 0.27 2.70 ND ND	0.0 0.52 4.80 0.0 0.0	6 MAC 10 MAC 1000 MAC	ND 0.33 1.90 ND ND	39 39 39 39 39 39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01
Antimony Arsenic Barium Beryllium Bismuth Boron	ug/L as Sb ug/L as As ug/L as Ba ug/L as Ba ug/L as Bi ug/L as B	ND 0.34 3.35 ND ND ND	9 8 8 8 8 8 8	ND 0.27 2.70 ND ND ND	0.0 0.52 4.80 0.0 0.0 0.0	6 MAC 10 MAC 1000 MAC 5000 MAC	ND 0.33 1.90 ND ND ND	39 39 39 39 39 39 39 39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium	ug/L as Sb ug/L as As ug/L as Ba ug/L as Ba ug/L as Bi ug/L as B ug/L as Cd	ND 0.34 3.35 ND ND	9 8 8 8 8	ND 0.27 2.70 ND ND	0.0 0.52 4.80 0.0 0.0	6 MAC 10 MAC 1000 MAC	ND 0.33 1.90 ND ND	39 39 39 39 39 39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01
Antimony Arsenic Barium Beryllium Bismuth Boron	ug/L as Sb ug/L as As ug/L as Ba ug/L as Ba ug/L as Bi ug/L as B	ND 0.34 3.35 ND ND ND	9 8 8 8 8 8 8	ND 0.27 2.70 ND ND ND	0.0 0.52 4.80 0.0 0.0 0.0	6 MAC 10 MAC 1000 MAC 5000 MAC	ND 0.33 1.90 ND ND ND	39 39 39 39 39 39 39 39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium	ug/L as Sb ug/L as As ug/L as Ba ug/L as Ba ug/L as Bi ug/L as B ug/L as Cd	ND 0.34 3.35 ND ND ND ND	9 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND ND ND	0.0 0.52 4.80 0.0 0.0 0.0 0.0	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC	ND 0.33 1.90 ND ND ND ND	39 39 39 39 39 39 39 39 39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0 ND - 0.09
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium	ug/L as Sb ug/L as Sb ug/L as Ba ug/L as Be ug/L as Bi ug/L as Cd mg/L as Ca ug/L as Cr	ND 0.34 3.35 ND ND ND ND 11.3	9 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND ND ND 10.3	0.0 0.52 4.80 0.0 0.0 0.0 0.0 12.3	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required	ND 0.33 1.90 ND ND ND 11.1	39 39 39 39 39 39 39 39 39 39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt	ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Ca ug/L as Co	ND 0.34 3.35 ND ND ND 11.3 ND ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND ND 10.3 ND ND	0.0 0.52 4.80 0.0 0.0 0.0 0.0 12.3 0.0 0.0	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC	ND 0.33 1.90 ND ND ND 11.1 ND ND 11.1 ND	39 39 39 39 39 39 39 39 39 39 39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.0 ND - 0.02
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper	ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Ca ug/L as Co ug/L as Co ug/L as Co	ND 0.34 3.35 ND ND ND 11.3 ND 22.4	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND ND 10.3 ND ND 2.14	0.0 0.52 4.80 0.0 0.0 0.0 0.0 12.3 0.0 0.0 54.5	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO	ND 0.33 1.90 ND ND ND 11.1 ND 11.1 ND 32.9	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.0 ND - 0.02 12.2 - 595.0
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron	ug/L as Sb ug/L as Sa ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Cd mg/L as Cd ug/L as Co ug/L as Co ug/L as Co ug/L as Cu ug/L as Fe	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND ND 10.3 ND ND 2.14 51.5	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 0.0 54.5 538.0	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         40	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.0 ND - 0.02 12.2 - 595.0 28.8 - 1670.0
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead	ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Cc ug/L as Cc ug/L as Cc ug/L as Cc ug/L as Cc	ND 0.34 3.35 ND ND ND 11.3 ND 11.3 ND 22.4 97.75 0.94	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND ND 10.3 ND ND 2.14 51.5 ND	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 0.0 54.5 538.0 3.37	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.0 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium	ug/L as Sb ug/L as Sb ug/L as Ba ug/L as Be ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Cc ug/L as Cc ug/L as Cc ug/L as Cc ug/L as Cp ug/L as Fe ug/L as Fb ug/L as Li	ND 0.34 3.35 ND ND ND 11.3 ND 11.3 ND ND 22.4 97.75 0.94 ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 4	ND 0.27 2.70 ND ND ND 10.3 ND 2.14 51.5 ND ND	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         14	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.0 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium	ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Bi ug/L as Cd mg/L as Cd ug/L as Cc ug/L as Co ug/L as Co ug/L as Co ug/L as Co ug/L as Pb ug/L as Li mg/L as Mg	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 ND 4.03	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 4 4 8	ND 0.27 2.70 ND ND ND 10.3 ND 2.14 51.5 ND 2.14 51.5 ND 3.64	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 12.3 0.0 54.5 538.0 3.37 0.0 4.18	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	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           40         39           14         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.0 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 258. ND - 1.89 3.20 - 4.53
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium	ug/L as Sb ug/L as Sb ug/L as Ba ug/L as Be ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Cc ug/L as Cc ug/L as Cc ug/L as Cp ug/L as Fe ug/L as Fb ug/L as Li	ND 0.34 3.35 ND ND ND 11.3 ND 11.3 ND ND 22.4 97.75 0.94 ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 4	ND 0.27 2.70 ND ND ND 10.3 ND 2.14 51.5 ND ND	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         14	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.0 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium	ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Bi ug/L as Cd mg/L as Cd ug/L as Cc ug/L as Co ug/L as Co ug/L as Co ug/L as Co ug/L as Pb ug/L as Li mg/L as Mg	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 ND 4.03	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 4 4 8	ND 0.27 2.70 ND ND ND 10.3 ND 2.14 51.5 ND 2.14 51.5 ND 3.64	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 12.3 0.0 54.5 538.0 3.37 0.0 4.18	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	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           40         39           14         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.0 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 258. ND - 1.89 3.20 - 4.53
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum	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 Co ug/L as Cu ug/L as Fe ug/L as Fe ug/L as Sb ug/L as Mg ug/L as Mg	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 ND 4.03 1.45 ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 2.14 51.5 ND ND 3.64 1.20 ND	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0	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	ND 0.33 1.90 ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           40         39           14         39           40         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel	ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Cd ug/L as Cc ug/L as Cc	ND 0.34 3.35 ND ND ND 11.3 ND 11.3 ND 22.4 97.75 0.94 ND 4.03 1.45 ND ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 10.3 ND 2.14 51.5 ND ND 3.64 1.20 ND	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0 2.10	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	ND 0.33 1.90 ND ND ND 11.1 ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND 2.90	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           40         39           40         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           40         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potassium	ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Be ug/L as Bi ug/L as Cd mg/L as Cd ug/L as Cc ug/L as Cc ug/L as Cc ug/L as Cc ug/L as Cb ug/L as Pb ug/L as Ng ug/L as Mg ug/L as Ni ug/L as Ni	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 ND 4.03 1.45 ND ND 0.67	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 4 4 8	ND 0.27 2.70 ND ND 10.3 ND ND 2.14 51.5 ND 2.14 51.5 ND 3.64 1.20 ND 0.55	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0 2.10 0.74	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	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND 2.90 0.68	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           40         39           14         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.0 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9 0.48 - 0.96
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potassium	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 Co ug/L as Co ug/L as Co ug/L as Co ug/L as Sb ug/L as Pb ug/L as Mo ug/L as Mo ug/L as Ni mg/L as K ug/L as Se	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 ND 4.03 1.45 ND ND 0.67 ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 3.64 1.20 ND 3.64 1.20 ND 0.555 ND	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0 2.10 0.74 0.0	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	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND 2.90 0.68 ND	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           40         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.0 28.8 - 1670.0 0.52 - 255.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9 0.48 - 0.96 ND - 0.12
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calaium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potas sium Selenium	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 Cd ug/L as Co ug/L as Co ug/L as Co ug/L as Co ug/L as Cu ug/L as Cu ug/L as Cu ug/L as Re ug/L as Ko ug/L as Mo ug/L as Mo ug/L as Ni mg/L as Se mg/L as Si	ND 0.34 3.35 ND ND ND 11.3 ND 11.3 ND 22.4 97.75 0.94 ND 22.4 97.75 0.94 ND 4.03 1.45 ND ND 0.67 ND 0.650	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 2.14 51.5 ND 3.64 1.20 ND 0.55 ND 5.82	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0 2.10 0.74 0.0 7.58	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 50 MAC	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND 2.90 0.68 ND 7.25	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         40           39         40           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 0.12 2.97 - 8.85
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potassium Selenium Silicon	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 ug/L as Cd ug/L as Cc ug/L as Cc	ND 0.34 3.35 ND ND ND 11.3 ND 11.3 ND 22.4 97.75 0.94 ND 4.03 1.45 ND ND 0.67 ND 6.50 ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 2.14 51.5 ND 3.64 1.20 ND 0.55 ND 5.82 ND	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0 2.10 0.74 0.0	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 50 MAC	ND 0.33 1.90 ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND 2.90 0.68 ND 7.25 ND	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           40         39           40         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.0 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9 0.48 - 0.96 ND - 0.12 2.97 - 8.85 ND - 0.0
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calaium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potas sium Selenium	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 Cd ug/L as Co ug/L as Co ug/L as Co ug/L as Co ug/L as Cu ug/L as Cu ug/L as Cu ug/L as Re ug/L as Ko ug/L as Mo ug/L as Mo ug/L as Ni mg/L as Se mg/L as Si	ND 0.34 3.35 ND ND ND 11.3 ND 11.3 ND 22.4 97.75 0.94 ND 22.4 97.75 0.94 ND 4.03 1.45 ND ND 0.67 ND 0.650	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 2.14 51.5 ND 3.64 1.20 ND 0.55 ND 5.82	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0 2.10 0.74 0.0 7.58	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 50 MAC	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND 2.90 0.68 ND 7.25	39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         40           39         40           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.01 ND - 0.01 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 0.12 2.97 - 8.85
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potassium Selenium Silicon	ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Be ug/L as Bi ug/L as Cd mg/L as Cd ug/L as Ca ug/L as Co ug/L as Ni ug/L as Mo ug/L as Ni mg/L as Se mg/L as Se mg/L as Sa ug/L as Sa	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 ND 4.03 1.45 ND 4.03 1.45 ND 0.67 ND 6.50 ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 2.14 51.5 ND 3.64 1.20 ND 0.55 ND 0.55 ND 5.82 ND 10.9	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0 2.10 0.74 0.0 7.58 0.0 7.58	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC No Guideline Required 120 MAC / ≤ 20 AO No Guideline Required	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND 2.90 0.68 ND 7.25 ND 2.90 0.68 ND	39         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9 0.48 - 0.96 ND - 0.12 2.97 - 8.85 ND - 0.0
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potassium Selenium Selenium Silicon Silver Sodium	ug/L as Sb ug/L as As ug/L as Ba ug/L as Ba ug/L as B ug/L as Cd mg/L as Cd ug/L as Cd ug/L as Co ug/L as So ug/L as Na ug/L as Mo ug/L as No ug/L as No ug/L as No ug/L as Si ug/L as Si ug/L as Si ug/L as Si ug/L as Si	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 ND 4.03 1.45 ND 4.03 1.45 ND 0.67 ND 0.67 ND 0.67 ND 11.35 97.5	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 3.64 1.20 ND 3.64 1.20 ND 0.55 ND 5.82 ND 5.82 ND 9.86.4	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0 2.10 0.74 0.0 7.58 0.0 7.58 0.0	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 50 MAC	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND 3.82 1.65 ND 7.25 ND 7.25 ND 12.1 97.3	39         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 253.0 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9 0.48 - 0.96 ND - 0.12 2.97 - 8.85 ND - 0.12 2.97 - 8.85 ND - 0.0
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potassium Selenium Silicon Silver Sodium	ug/L as Sb 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 ug/L as Cd ug/L as Co ug/L as Sc ug/L as Mo ug/L as Mo ug/L as Mo ug/L as Na ug/L as Si ug/L as Si ug/L as Si ug/L as Si	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 97.75 0.94 ND 4.03 1.45 ND 4.03 1.45 ND 0.67 ND 6.50 ND 11.35 97.5 ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 2.14 51.5 ND 3.64 1.20 ND 3.64 1.20 ND 5.82 ND 5.82 ND 5.82 ND 10.9 86.4 ND	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0 2.10 0.74 4.18 26.3 0.0 2.10 0.74 2.10 0.758 0.0 12.6 112.0 3.40	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC No Guideline Required 120 MAC / ≤ 20 AO No Guideline Required	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND 2.90 0.68 ND 7.25 ND 12.1 97.3 ND	39         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 25.0 ND - 80.9 0.48 - 0.96 ND - 0.12 2.97 - 8.85 ND - 0.0 9.26 - 15.6
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calacium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potassium Selenium Selenium Silicon Silver Sodium Strontium	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 Cd ug/L as Co ug/L as Sc ug/L as Mo ug/L as Mo ug/L as Mo ug/L as Mo ug/L as Si ug/L as Si ug/L as Si ug/L as Si ug/L as Si ug/L as Si ug/L as Si	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 ND 22.4 97.75 0.94 ND 4.03 1.45 ND ND 0.67 ND 6.50 ND 11.35 97.5 ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 2.14 51.5 ND 3.64 1.20 ND 0.55 ND 5.82 ND 10.9 86.4 ND ND	0.0 0.52 4.80 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 54.5 538.0 3.37 0.0 2.10 0.74 0.0 7.58 0.0 12.6 112.0 3.40	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC No Guideline Required 120 MAC / ≤ 20 AO No Guideline Required	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND 2.90 0.68 ND 7.25 ND 12.1 97.3 ND ND	39         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.01 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9 0.48 - 0.96 ND - 0.12 2.97 - 8.85 ND - 0.12 2.97 - 8.85 ND - 0.0 9.26 - 15.60
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potassium Selenium Selenium Silicon Silver Sodium Strontium Sulfur Tin Tin	ug/L as Sb ug/L as Sb ug/L as Ba ug/L as Be ug/L as Be ug/L as Be ug/L as Bi ug/L as Cd mg/L as Ca ug/L as Ca ug/L as Co ug/L as Co ug/L as Co ug/L as Ca ug/L as Ca ug/L as Ca ug/L as Sc ug/L as Ni mg/L as Mo ug/L as Ni mg/L as Ni mg/L as Si ug/L as Si	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 ND 4.03 1.45 ND 4.03 1.45 ND 0.67 ND 6.50 ND 11.35 97.5 ND 0.67 ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 2.14 51.5 ND 3.64 1.20 ND 3.64 1.20 ND 0.55 ND 5.82 ND 10.9 86.4 ND ND ND ND ND ND ND ND ND ND ND ND ND	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0 2.10 0.74 0.0 7.58 0.0 12.6 112.0 3.40 0.0 0.5.20	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC No Guideline Required 120 MAC / ≤ 20 AO No Guideline Required	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 12.55 1.59 ND 3.82 1.65 ND 2.90 0.68 ND 7.25 ND 2.90 0.68 ND 7.25 ND 12.1 97.3 ND	39         39           39         39      39         39 <td>ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.01 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9 0.48 - 0.96 ND - 0.12 2.97 - 8.85 ND - 0.0 9.26 - 15.6 81.5 - 121.0 ND - 5.60</td>	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.01 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9 0.48 - 0.96 ND - 0.12 2.97 - 8.85 ND - 0.0 9.26 - 15.6 81.5 - 121.0 ND - 5.60
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calacium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potassium Selenium Selenium Silicon Silver Sodium Strontium	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 Cd ug/L as Co ug/L as Sc ug/L as Mo ug/L as Mo ug/L as Mo ug/L as Mo ug/L as Si ug/L as Si ug/L as Si ug/L as Si ug/L as Si ug/L as Si ug/L as Si	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 ND 22.4 97.75 0.94 ND 4.03 1.45 ND ND 0.67 ND 6.50 ND 11.35 97.5 ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 2.14 51.5 ND 3.64 1.20 ND 0.55 ND 5.82 ND 10.9 86.4 ND ND	0.0 0.52 4.80 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 54.5 538.0 3.37 0.0 2.10 0.74 0.0 7.58 0.0 7.58 0.0 12.6 112.0 3.40	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC No Guideline Required 120 MAC / ≤ 20 AO No Guideline Required	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND 2.90 0.68 ND 7.25 ND 12.1 97.3 ND ND	39         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.01 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9 0.48 - 0.96 ND - 0.12 2.97 - 8.85 ND - 0.12 2.97 - 8.85 ND - 0.0 9.26 - 15.60
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potassium Selenium Selenium Silicon Silver Sodium Strontium Sulfur Tin Tin	ug/L as Sb ug/L as Sb ug/L as Ba ug/L as Be ug/L as Be ug/L as Be ug/L as Bi ug/L as Cd mg/L as Ca ug/L as Ca ug/L as Co ug/L as Co ug/L as Co ug/L as Ca ug/L as Ca ug/L as Ca ug/L as Sc ug/L as Ni mg/L as Mo ug/L as Ni mg/L as Ni mg/L as Si ug/L as Si	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 ND 4.03 1.45 ND 4.03 1.45 ND 0.67 ND 6.50 ND 11.35 97.5 ND 0.67 ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 2.14 51.5 ND 3.64 1.20 ND 3.64 1.20 ND 0.55 ND 5.82 ND 10.9 86.4 ND ND ND ND ND ND ND ND ND ND ND ND ND	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0 2.10 0.74 0.0 7.58 0.0 12.6 112.0 3.40 0.0 0.5.20	6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC No Guideline Required 120 MAC / ≤ 20 AO No Guideline Required	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 12.55 1.59 ND 3.82 1.65 ND 2.90 0.68 ND 7.25 ND 2.90 0.68 ND 7.25 ND 12.1 97.3 ND	39         39           39         39      39         39 <td>ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9 0.48 - 0.96 ND - 0.12 2.97 - 8.85 ND - 0.0 9.26 - 15.6 81.5 - 121.0 ND - 47.8 ND - 47.8</td>	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 25.8 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9 0.48 - 0.96 ND - 0.12 2.97 - 8.85 ND - 0.0 9.26 - 15.6 81.5 - 121.0 ND - 47.8 ND - 47.8
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potassium Selenium Selenium Selenium Silicon Siliver Sodium Strontium Strontium Suffur Tin Titanium	ug/L as Sb ug/L as As ug/L as Ba ug/L as Ba ug/L as Ba ug/L as B ug/L as Cd mg/L as Cd ug/L as Cd ug/L as Cc ug/L as Co ug/L as No ug/L as No ug/L as No ug/L as No ug/L as No ug/L as Si ug/L as Si	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 ND 4.03 1.45 ND 0.67 ND 0.67 ND 0.67 ND 11.35 97.5 ND ND 11.35 97.5 ND ND ND ND ND ND ND ND ND ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 2.14 51.5 ND 3.64 1.20 ND 3.64 1.20 ND 0.55 ND 5.82 ND 10.9 86.4 ND ND ND ND ND ND ND ND ND ND ND ND ND	0.0 0.52 4.80 0.0 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0 4.18 26.3 0.0 4.18 26.3 0.0 7.58 0.0 12.6 112.0 3.40 0.0 0.2 10 0.52 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	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 50 MAC No Guideline Required ≤ 200 AO 7000 MAC	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND 3.82 1.65 ND 2.90 0.68 ND 7.25 ND 12.1 97.3 ND ND ND ND ND ND ND ND ND ND ND ND ND	39         39           39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0 ND - 0.9 9.55 - 13.2 ND - 0.0 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 258 ND - 1.89 3.20 - 4.53 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9 0.48 - 0.96 ND - 0.12 2.97 - 8.85 ND - 0.12 2.97 - 8.85 ND - 0.0 9.26 - 15.6 81.5 - 121.0 ND - 5.30 ND - 4.0
Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Molybdenum Nickel Potassium Selenium Selenium Silicon Silver Sodium Strontium Titanium Thallium	ug/L as Sb 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 ug/L as Cd ug/L as Co ug/L as Sc ug/L as Si ug/L as Mo ug/L as No ug/L as No ug/L as No ug/L as Si ug/L as Si	ND 0.34 3.35 ND ND ND 11.3 ND 22.4 97.75 0.94 ND 22.4 97.75 0.94 ND 4.03 1.45 ND 4.03 1.45 ND 4.03 1.45 ND 11.35 97.5 ND ND ND ND ND ND ND ND ND ND	9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ND 0.27 2.70 ND ND 10.3 ND 2.14 51.5 ND 3.64 1.20 ND 3.64 1.20 ND 3.64 1.20 ND 5.82 ND 5.82 ND 5.82 ND 5.82 ND 0.55 ND 5.82 ND ND ND ND ND ND ND ND ND ND ND ND ND	0.0 0.52 4.80 0.0 0.0 12.3 0.0 54.5 538.0 3.37 0.0 4.18 26.3 0.0 2.10 0.74 0.0 7.58 0.0 7.58 0.0 12.6 112.0 3.40 0.0 0.0 0.0 0.0 0.0 0.0 0.0	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 50 MAC No Guideline Required ≤ 200 AO 7000 MAC	ND 0.33 1.90 ND ND ND 11.1 ND 32.9 123.5 1.59 ND 3.82 1.65 ND 3.82 1.65 ND 0.68 ND 7.25 ND 0.68 ND 7.25 ND 12.1 97.3 ND ND ND ND ND ND ND ND ND ND ND ND ND	39         39           39         39      39         39	ND - 0.50 0.20 - 0.80 1.50 - 16.1 ND - 0.0 ND - 0.01 ND - 13.0 ND - 0.09 9.55 - 13.2 ND - 0.02 12.2 - 595.0 28.8 - 1670.0 0.52 - 258 ND - 1.89 3.20 - 4.53 ND - 25.0 ND - 0.10 ND - 80.9 0.48 - 0.96 ND - 0.12 2.97 - 8.85 ND - 0.12 2.97 - 8.85 ND - 0.12 2.97 - 8.85 ND - 0.12 2.97 - 8.85 ND - 0.50 9.26 - 15.60 81.5 - 121.0 ND - 5.60 ND - 47.8 ND - 5.30 ND - 0.0

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#### LYALL HARBOUR BOOT COVE WATER Statement of Operations (Unaudited) For the Year Ended December 31, 2020

	2020	2019
Revenue		
Transfers from government	131,030	119,180
User Charges	104,757	102,193
Other revenue from own sources:		
Interest earnings	5	-
Provincial Grant	-	30,000
Other revenue	1,158	1,111
Total Revenue	236,950	252,484
Expenses		
General government services	7,672	7,687
CRD Labour and Operating costs	135,139	156,133
Capital Purchases	-	27,847
Debt Servicing Costs	31,086	39,013
Other expenses	34,083	32,306
Total Expenses	207,980	262,986
Net revenue (expenses)	28,970	(10,503)
Transfers to own funds:		
Capital Reserve Fund	10,000	_
Operating Reserve Fund	7,500	-
Annual surplus/(deficit)	11,470	(10,503)
Accumulated surplus/(deficit), beginning of year	(33,573)	(23,071)
Accumulated surplus/(deficit), end of year	\$ (22,103)	(33,573)

#### LYALL HARBOUR BOOT COVE WATER Statement of Reserve Balances (Unaudited) For the Year Ended December 31, 2020

Capital Reserve		
2020	2019	
6,193	6,024	
10,000	-	
7,072	-	
-	-	
224	170	
23,490	6,193	
	2020 6,193 10,000 7,072 224	

Operating Reserve		
2020	2019	
12	1	
7,500	-	
80	11	
7,592	12	
	2020 12 7,500 80	