# Wilderness Mountain Water System

2022 Annual Report



#### Introduction

This report provides a summary of the Wilderness Mountain Water Service for 2022 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 2022.

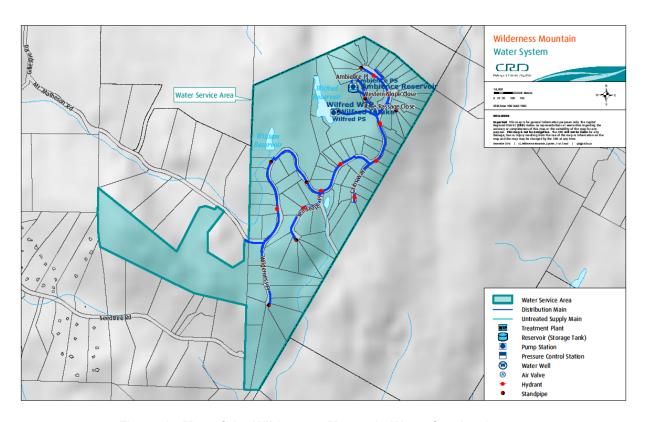


Figure 1: Map of the Wilderness Mountain Water Service Area

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 2022.

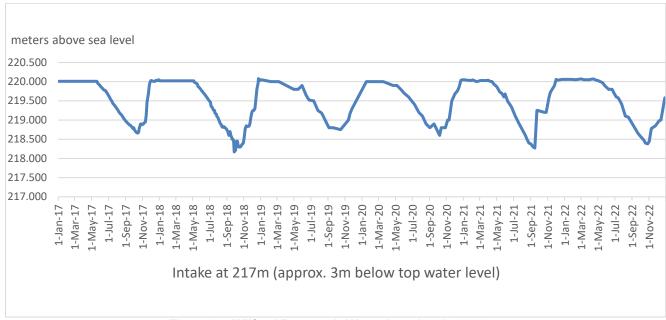


Figure 2: Wilfred Reservoir Water Level 2017-2022

### **Water Usage**

The volume used by the community, or the water demand, is illustrated in Figure 3. The demand in 2022 was 16% lower than in 2021 and within 1% the five year average.

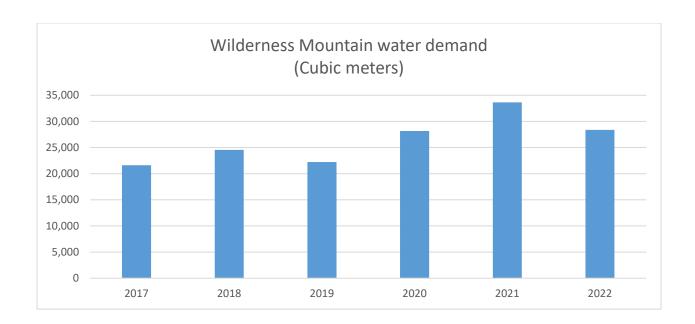


Figure 3: Wilderness Mountain Water Demand (cubic meters) 2016-2022

# **Drinking Water Quality**

The Wilderness Mountain Water System was on a boil water advisory (BWA) for 78 days in 2022 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 16, 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 2022:

#### Raw Water:

- In September, the raw water exhibited a higher 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 2022 and neither were detected.

- The raw water was tested for metals in February, May, September 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 0.8 Nephelometric Turbidity Unit (NTU) and therefore lower than in 2021. The maximum turbidity was 1.6 NTU (July and August). Most raw water turbidity spikes coincided with algal and/or zooplankton blooms in Wilfred Reservoir.
- The raw water was soft (median hardness 14.15 mg/L CaCO<sub>3</sub>).
- The pH was slightly acidic (median pH 6.84), slightly lower than in previous years.
- The median total organic carbon (TOC) concentration was moderately high at 3.85 mg/L, which is in line with results pre-2021.

#### Treated Water:

- The treated water was bacteriologically safe to drink outside the 78 day BWA from July 20 to October 5. No *E. coli* bacteria were found in the treated water and only one of 90 bacteriological samples tested positive for total coliform bacteria throughout the year (July 20: 1 CFU/100mL in the North Cell of the distribution reservoir).
- The treated water turbidity was periodically above the GCDWQ turbidity limit of 1.0 NTU in particular during summer and fall. This led to the aforementioned prolonged BWA.
- Manganese concentrations exceeded the aesthetic objective in the treated water during
  most parts of the year. One treated water sample from November was 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 2.48 mg/L.

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

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

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:

- Cleaning and inspection of concrete tanks
- Flushing of distribution system
- Maintenance of all 10 fire hydrants
- Replacement of intake pump at Wilfred Reservoir
- Replacement of UV sensors at Treatment Plant
- Monthly dam inspections and dam maintenance

# Capital Project Updates – 2022

- Source Water Protection Plan Report Complete
- Water Treatment Plant Conceptual Design Report Complete

## **Financial Report**

Please refer to the attached 2022 Statement of Operations and Reserve Balances.

Revenue includes parcel taxes (Transfers from Government), fixed user fees (User Charges), water sales 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 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.

2023 service budget with no increase recommended by the Commission resulted in removal of funding for cyclical maintenance and planned Water Treatment upgrades, which is not sustanianble for future years. The service is experiencing ongoing drinking water quality issues, which requires system cyclical maintenance and capital upgrades to provide additional treatment in order 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 pruduent financial planning for future years.

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Attachment: 2022 Statement of Operations and Reserve Balances

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

Table 1

Fable 1: 2022 Summary of Raw Water Test Res		2022 ANALYTICAL RESULTS				CANADIAN GUIDELINES	2012 - 2021 ANAL		YTICAL RESULTS	
Parameter	Units of	Annual	Samples		nge	≤ = Less than or equal to		Samples		ange
Name y/L = parts per million ug/L = parts per	Measure	Median	Analyzed	Minimum	Maximum		Median	Analyzed	Minimum	Maximur
/L = parts per million ug/L = parts p		sical Par	ameters	(ND means	Not Detected	by analytical method used)				
	<b>,</b>			(						
Alkalinity, Total	mg/L		Not teste	d in 2022			8.78	26	7.28	13.3
Carbon, Dissolved Organic	mg/L as C	3.3	2	2.5	4		3.8	25	1.91	5.4
Carbon, Total Organic	mg/L as C	3.85	6	3.1	4.4	Guideline Archived	4	28	2.96	8.8
Colour, True Conductivity @ 25 C	TCU uS/cm	19		14 d in 2022	25	≤15 AO	14.5 75.5	71 30	7 67.7	26 92.7
Hardness as CaCO₃	mg/L	14.15	4	13.4	15.8	No Guideline Required	16.3	32	11.1	20.6
pH	pH units	6.84	14	6.4	7.14	7.0 - 10.5 AO	6.91	59	6.14	8.1
Total Suspended Solids	mg/L	5.2	1	5.2	5.2		1.4	19	0.2	7.2
Total Solids	mg/L	42	1	42	40		50	19	42	88
Turbidity, lab tests	NTU	0.8	33	0.35	1.6		0.95	398	0.4	5.8
Ultraviolet Absorption, 5 cm	Abs.@254 nm			ed in 2015			0.415	17	0.345	0.659
Ultraviolet Transmittance	%	72.2	5	69.9	78.3	45.40	76.8	17	72.7	82.1
Water Temperature	degrees C	13.3	21	4.4	20.2	≤15 AO	11	384	3.5	21.2
	Non-Metall	ic Inorga	nic Che	micals (	ND means No	t Detected by analytical meth	od used)			
			1		1					ı
Ammonia, Total	ug/L as N	20	2	< 15	25		< 15	20	< 15	71
Bromide Chloride	ug/L as Br mg/L as Cl	0.042 10	1	0.042 10	0.042 10	≤ 250 AO	19.35 11	17 9	< 0.03 11	50 14
Cyanide	mg/Las Cr mg/Las Cn	< 0.0005	1	< 0.0005	< 0.0005	0.2 MAC	0.00065	9	< 0.0005	0.0164
Fluoride	mg/L as F	< 0.005	1	< 0.005	< 0.005	1.5 MAC	< 0.05	9	< 0.005	< 0.05
Nitrogen, Nitrate	ug/L as N	28	2	26	30		< 20	19	< 0.45	37
Nitrogen, Nitrite	ug/L as N	< 5	2	< 5	< 5		< 5	18	< 0.3	< 5
Nitrogen, Total	ug/L as N	236	2	205	267		193.08	20	84	263
Phosphate,Total	ug/L as P	4.45	2	3.1	< 0.0005		6.12	20	< 1	71
Silica	mg/L as SiO <sub>2</sub>	4.55	2	3.6	5.5		4.9	17	<0.5	5.28
Silicon	mg/L as Si	1980	4	1400	2920		1715	24	380	2610
Sulphate	mg/L as SO <sub>4</sub>	4.5	3	4	6.6	≤ 500 AO	6.615	20	4.9	19
Sulphide Sulphur	mg/LasH₂S mg/LasS	0.0037 < 3	1 4	0.0037	0.0037	≤ 0.05 AO	< 0.0018 < 3	1 25	< 0.0018	< 0.0018 5.94
Sulpriur	mg/L as 5	- ` `	4	< 3	- 3		< 3	25	< 3	5.94
		Metal	S (ND mean	s Not Detecte	ed by analytic	al method used)				
Aluminum	ug/L as Al	25.5	4	9.8	64.9	2900 MAC / 100 OG	26.2	24	7.8	81.5
Antimony	ug/L as Sb	< 0.5	4	< 0.5	< 0.5	6 MAC	< 0.5	24	< 0.5	< 0.5
Arsenic	ug/L as As	0.11	4	< 0.1	0.13	10 MAC	< 0.1	24	< 0.1	0.15
Barium Beryllium	ug/L as Ba ug/L as Be	2 < 0.1	4	1.5 < 0.1	2.7	1000 MAC	1.9 < 0.1	24 24	< 1 < 0.1	2.7 < 0.1
Bismuth	ug/L as Be	<1	4	< 1	< 1		< 1	24	< 1	< 1
Boron	ug/L as B	< 50	4	< 50	< 50	5000 MAC	< 50	24	< 50	< 50
Cadmium	ug/L as Cd	< 0.01	4	< 0.01	< 0.01	5 MAC	< 0.01	24	< 0.01	0.117
Calcium	mg/L as Ca	3.095	4	2.9	3.53	No Guideline Required	3.425	24	2.91	4.56
Chromium	ug/L as Cr	< 1	4	< 1	< 1	50 MAC	< 1	24	< 1	< 1
Cobalt	ug/L as Co	0.225	4	< 0.2	0.28		< 0.2	24	< 0.2	< 0.5
Copper	ug/L as Cu	3.165	4	2.53	4.47	2000 MAC / ≤ 1000 AO	3.135	24	1.95	14.6
Iron	ug/L as Fe	281.5	4	166	754	≤ 300 AO	165	24	111	643
Lead	ug/L as Pb	0.235	4	< 0.2	0.24	5 MAC	0.55	24	<0.2	1.01
Lithium	ug/L as Li	< 2 1.545	4	< 2 1.48	< 2 1.69	No Cuidalina Damiinad	< 2	15 24	< 2	5 2.24
Magnesium Manganese	mg/Las Mg ug/Las Mn	64.65	4	36.4	240	No Guideline Required 120 MAC / ≤ 20 AO	1.775 53.35	24	1.56 23.7	167
Mercury	ug/L as Hg	< 0.0019	4	< 0.0019	< 0.0019	120 WAC/ 3 20 AO	< 0.002	21	< 0.0019	< 0.05
Molybdenum	ug/Las Mo	<1	4	< 1	< 1		< 1	24	< 1	< 1
Nickel	ug/L as Ni	< 1	4	< 1	< 1		< 1	24	< 1	5.2
Potassium	mg/L as K	0.313	4	0.274	0.379		0.32	24	0.249	0.381
Selenium	ug/L as Se	< 0.1	4	< 0.1	< 0.1	50 MAC	< 0.1	24	< 0.1	0.12
Silver	ug/L as Ag	< 0.02	4	< 0.02	< 0.02	No Guideline Required	< 0.02	24	< 0.02	< 0.02
Sodium	mg/L as Na	6.54	4	6.18	6.74	≤ 200 AO	6.945	24	6.25	10.9
Strontium	ug/L as Sr	13.1	4	12.2	14.1	7000 MAC	14.45	24	12.8	16.1
Thallium	ug/L as TI ug/L as Sn	< 0.01	4	< 0.01	< 0.01		< 0.01	24	< 0.01	< 0.05
Tin Titanium	ug/L as Sn ug/L as Ti	< 5 < 5	4	< 5 < 5	< 5 < 5		< 5 < 5	24 24	< 5 < 5	< 5 < 5
Uranium	ug/L as II ug/L as U	< 0.1	4	< 0.1	<0.1	20 MAC	< 0.1	24	< 0.1	< 0.1
Vanadium	ug/L as V	< 5	4	< 5	< 5	20 1910	< 5	24	< 5	< 5
Zinc	ug/L as Zn	6.55	4	< 5	7.8	≤ 5000 AO	< 5	24	< 5	18.6
Zirconium	ug/L as Zr	< 0.1	4	< 0.1	0.11	-	< 0.1	24	< 0.1	< 0.5
			NA:c-	obiel R-	wa ma c t a ···					
Indicator Bacteri	a		WIICI	obiai Pa	rameters					
Coliform, Total	Coliforms/100 mL	26.5	14	4	280		109.5	230	< 1	4300
E. coli	E.coli/100 mL	< 1	18	< 1	12		< 2	233	<1	40
Hetero. Plate Count, 28C (7 day)	CFU/1 mL	7.		zed in 2014	, '-	No Guideline Required	920	54	40	5800
Chlorophyll										
•		2.005	40	- C CC	0.00		E 00	05	0.700	44.0
Chlorophyll, Total	ug/L	2.865	16	< 0.26	8.22		5.08	25	0.728	14.6
Parasites						No MAC Established				
Cryptosporidium , Total oocysts	oocysts/100 L	< 0.1	2	< 0.1	< 0.1	Zero detection desirable	<1	21	< 1	< 1

Table 2

Table 2: 2022 Summary of T	reated Water T	1								ļ.
PARAMETER		2022 ANALYTICAL RESULTS			CANADIAN GUIDELINES	201	2-2021 ANA			
Parameter	Units of	Annual	Samples	Ran		< = 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		Phy	sical Pa	ramotors	<u> </u>				
			1 119	Sicai i ai	ameters	<u> </u>				
Colour, True	TCU	13	5	10	19	≤ 15 AO	13	67	3	18
Conductivity @ 25 C	uS/cm		Not teste				92.1	28	84.2	100.3
Hardness as CaCO3	mg/L	13.9	4	13.6	16.4		16.05	14	13.9	18.1
pH	pH units	6.97	12	6.79	7.8	7.0 - 10.5 AO	7.07	62	6.44	9.1
Total Organic Carbon	mg/L	3.75	4	3.2	4.3	41440 1 . 5 4 0	3.85	8	2.5	8.7
Turbidity, lab tests	NTU degrees C	0.75	26	0.35 4	1.5	1 MAC and ≤ 5 AO ≤ 15 AO	0.7	419	0.17	3.6
Water Temperature	degrees C	8.8	119	4	20.1	S IS AU	11.05	1922	1.8	21.1
			Micr	obial Pa	rameters	S				
Indicator Bacter	ria		1							I
Coliform, Total	CFU/100 mL	<1	90	< 1	1	0 MAC	< 1	196	< 1	16
E. coli	CFU/100 mL	<1	90	<1	< 1	0 MAC	<1	868	<1	< 1
Hetero. Plate Count, 28C (7 day)	CFU/1 mL	22000	1	22000	22000	No Guideline Required	870	112	<10	20000
,										
				Disinfec	tants					
Disinfectants										
Chlorine, Total Residual	mg/L as Cl₂	2.48	21	0.28	3.76	No Guideline Required	2.15	95	0.03	3.35
Monochloramine, Field - 1 Station	mg/L as O <sub>2</sub>	2.43	16	1.24	3.29	No Guideiirie Nequired	2.13	54	0.03	2.98
•										
	Disinfe	ction By-	-Produc	ts (ND mea	ns Not Detec	cted by analytical method us	ed)			ì
Trihalomethanes (1	ГНМѕ)									
,								_		
Bromodichloromethane (BDCM)	ug/L	< 1	4	< 1	< 1		< 1	57	< 1	26
Bromoform (BRFM)	ug/L	<1	4	< 1	< 1		< 1	57	< 0.1	< 2
Chloroform (CHLF)	ug/L	1.85	4	1.1	2.7		1.5	57	<0.1	3.1
Chlorodibromomethane (DBCM) Total Trihalomethanes (TTHM)	ug/L ug/L	< 1 1.85	4	< 1 1.1	< 1 2.7	100 MAC	< 1 3.6	57 57	<0.1	3.1 160
Total Tillalomethanes (TTTIVI)	ug/L	1.05	-	1.1	2.1	TOUTINAC	3.0	31	`	100
Haloacetic Acids (F	-IAAs)									
Haloacetic Acids (*5 Total, HAA5)	ug/L	10.8	4	5.2	17	80 MAC	10	51	0.75	88
rialoacetic Acids ( 5 Total, FIAA5)	ug/L	10.0	-	5.2		00 WAC	10	31	0.73	- 00
		wetais	(ND means	Not Detecte	d by analytic	al method used)				
Aluminum	ug/L as Al	20.75	4	7.1	59.4	2900 MAC / 100 OG	28.9	14	4.5	62.1
Antimony	ug/L as Sb	< 0.5	4	< 0.5						
Arsenic	ug/L as As	0.115			< 0.5	6 MAC	< 0.5	14	< 0.5	< 0.5
Barium	ug/L as Ba	. 0.110	4	< 0.1	< 0.5 0.14	6 MAC 10 MAC	< 0.5 < 0.1	14 14	< 0.5 < 0.1	
Beryllium		1.95	4	< 0.1 1.3						< 0.5
	ug/L as Be	1.95 < 0.1	4	1.3 < 0.1	0.14 2.6 < 0.1	10 MAC	< 0.1 1.6 < 0.1	14 14 14	< 0.1 < 1 < 0.1	< 0.5 0.14 2.6 < 0.1
Bismuth	ug/L as Be ug/L as Bi	1.95 < 0.1 < 1	4 4 4	1.3 < 0.1 < 1	0.14 2.6 < 0.1 < 1	10 MAC 1000 MAC	< 0.1 1.6 < 0.1 < 1	14 14 14 14	< 0.1 < 1 < 0.1 < 1	< 0.5 0.14 2.6 < 0.1 < 1
Boron	ug/L as Be ug/L as Bi ug/L as B	1.95 < 0.1 < 1 < 50	4 4 4 4	1.3 < 0.1 < 1 < 50	0.14 2.6 < 0.1 < 1 < 50	10 MAC 1000 MAC 5000 MAC	< 0.1 1.6 < 0.1 < 1 < 50	14 14 14 14 14	< 0.1 < 1 < 0.1 < 1 < 50	< 0.5 0.14 2.6 < 0.1 < 1 < 50
Boron Cadmium	ug/L as Be ug/L as Bi ug/L as B ug/L as Cd	1.95 < 0.1 < 1 < 50 < 0.01	4 4 4 4 4	1.3 < 0.1 < 1 < 50 < 0.01	0.14 2.6 < 0.1 < 1 < 50 < 0.01	10 MAC 1000 MAC 5000 MAC 5 MAC	< 0.1 1.6 < 0.1 < 1 < 50 < 0.01	14 14 14 14 14	< 0.1 < 1 < 0.1 < 1 < 50 < 0.01	< 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01
Boron Cadmium Calcium	ug/L as Be ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca	1.95 < 0.1 < 1 < 50 < 0.01 3.045	4 4 4 4 4	1.3 < 0.1 < 1 < 50 < 0.01 2.93	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8	10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required	< 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.44	14 14 14 14 14 14	< 0.1 < 1 < 0.1 < 1 < 50 < 0.01 2.93	< 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.89
Boron Cadmium Calcium Chromium	ug/L as Be ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca ug/L as Cr	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1	4 4 4 4 4 4	1.3 < 0.1 < 1 < 50 < 0.01 2.93 < 1	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1	10 MAC 1000 MAC 5000 MAC 5 MAC	< 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.44 < 1	14 14 14 14 14 14 14	< 0.1 < 1 < 0.1 < 1 < 50 < 0.01 2.93 < 1	< 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.89 < 1
Boron Cadmium Calcium Chromium Cobalt	ug/L as Be ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca ug/L as Cr ug/L as Cr	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2	4 4 4 4 4 4 4	1.3 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22	10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC	< 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.44 < 1 < 0.2	14 14 14 14 14 14 14 14	< 0.1 < 1 < 0.1 < 50 < 0.01 2.93 < 1 < 0.2	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5
Boron Cadmium Calcium Chromium Cobalt Copper	ug/L as Be ug/L as Bi ug/L as B ug/L as B ug/L as Cd mg/L as Ca ug/L as Cr ug/L as Co ug/L as Co	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61	4 4 4 4 4 4 4 4	1.3 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 8.08	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3	10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC	< 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.44 < 1 < 0.2 10.65	14 14 14 14 14 14 14 14 14 14	< 0.1 < 1 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5 92.7
Boron Cadmium Calcium Chromium Cobalt Copper Iron	ug/L as Be ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca ug/L as Cr ug/L as Co ug/L as Co ug/L as Co	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5	4 4 4 4 4 4 4	1.3 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 8.08 91.7	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518	10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC	< 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.44 < 1 < 0.2 10.65 109.5	14 14 14 14 14 14 14 14	< 0.1 < 1 < 0.1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 <3.89 <1 0.5 92.7 902
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead	ug/L as Be ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Cd ug/L as Cr ug/L as Co ug/L as Co ug/L as Fe ug/L as Fe	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5 0.365	4 4 4 4 4 4 4 4 4	1.3 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 8.08 91.7 0.27	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47	10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO	< 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.44 < 1 < 0.2 10.65 109.5 0.4	14 14 14 14 14 14 14 14 14 14 14	< 0.1 < 1 < 0.1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2	<0.5 0.14 2.6 <0.1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99
Boron Cadmium Calcium Chromium Cobalt Copper Iron	ug/L as Be ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca ug/L as Cr ug/L as Co ug/L as Co ug/L as Co	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5	4 4 4 4 4 4 4 4 4 4	1.3 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 8.08 91.7	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518	10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO	< 0.1 1.6 < 0.1 < 1 < 50 < 0.01 3.44 < 1 < 0.2 10.65 109.5	14 14 14 14 14 14 14 14 14 14 14	< 0.1 < 1 < 0.1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 <50 <0.01 0.5 92.7 902
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium	ug/L as Be ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca ug/L as Cr ug/L as Co ug/L as Co ug/L as Cu ug/L as Cu ug/L as Pb ug/L as Li	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5 0.365 < 2	4 4 4 4 4 4 4 4 4 4 4 4	1.3 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 8.08 91.7 0.27 < 2	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2	10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC	<ul> <li>&lt; 0.1</li> <li>1.6</li> <li>&lt; 0.1</li> <li>&lt; 1</li> <li>&lt; 50</li> <li>&lt; 0.01</li> <li>3.44</li> <li>&lt; 1</li> <li>&lt; 0.2</li> <li>10.65</li> <li>109.5</li> <li>0.4</li> <li>&lt; 2</li> <li>1.79</li> <li>29.3</li> </ul>	14 14 14 14 14 14 14 14 14 14 14 14 14	< 0.1 < 1 < 0.1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 < 2	<0.5 0.14 2.6 <0.1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99 <5
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium	ug/L as Be ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca ug/L as Cr ug/L as Co ug/L as Co ug/L as Co ug/L as Fe ug/L as Fe ug/L as Li mg/L as Mg	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5 0.365 < 2 1.535	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 < 0.1 < 1 < 50 < 0.01 < 2.93 < 1 < 0.2 8.08 91.7 0.27 < 2 1.52	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68	10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required	<ul> <li>&lt; 0.1</li> <li>1.6</li> <li>&lt; 0.1</li> <li>&lt; 1</li> <li>&lt; 50</li> <li>&lt; 0.01</li> <li>3.44</li> <li>&lt; 1</li> <li>&lt; 0.2</li> <li>10.65</li> <li>109.5</li> <li>0.4</li> <li>&lt; 2</li> <li>1.79</li> </ul>	14 14 14 14 14 14 14 14 14 14 14 14 14 1	< 0.1 < 1 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 < 2 1.6	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese	ug/L as Be ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca ug/L as Cr ug/L as Co ug/L as Co ug/L as Co ug/L as Fe ug/L as Pb ug/L as Mg ug/L as Mg	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5 0.365 < 2 1.535 49.7	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 8.08 91.7 0.27 < 2 1.52 8.8	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208	10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required	<ul> <li>&lt; 0.1</li> <li>1.6</li> <li>&lt; 0.1</li> <li>&lt; 1</li> <li>&lt; 50</li> <li>&lt; 0.01</li> <li>3.44</li> <li>&lt; 1</li> <li>&lt; 0.2</li> <li>10.65</li> <li>109.5</li> <li>0.4</li> <li>&lt; 2</li> <li>1.79</li> <li>29.3</li> </ul>	14 14 14 14 14 14 14 14 14 14 14 14 14 1	<0.1 <1 < 0.1 <1 < 0.0 <1 < 50 <0.001 2.93 <1 < 0.2 3.57 52 0.2 <1.6 11.9	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 61 0.5 92.7 902 0.99 2.5 2.07 364
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury	ug/L as Be ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca ug/L as Cr ug/L as Co ug/L as Cu ug/L as Cu ug/L as Fe ug/L as Fb ug/L as Li mg/L as Mn ug/L as Mg ug/L as Mg ug/L as Mg	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.0 1 267.5 0.365 < 2 1.535 49.7 < 0.0019	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 8.08 91.7 0.27 < 2 1.52 8.8 < 0.0019	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208 < 0.0019 < 1 < 1	10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC  No Guideline Required	<ul> <li>&lt; 0.1</li> <li>1.6</li> <li>&lt; 0.1</li> <li>&lt; 1</li> <li>&lt; 50</li> <li>&lt; 0.01</li> <li>3.44</li> <li>&lt; 1</li> <li>&lt; 0.2</li> <li>10.65</li> <li>109.5</li> <li>0.4</li> <li>&lt; 2</li> <li>1.79</li> <li>29.3</li> <li>&lt; 0.0019</li> </ul>	14 14 14 14 14 14 14 14 14 14 14 10 14	<0.1 <1 <0.1 <50 <0.01 2.93 <1 <0.2 3.57 52 0.2 <2 1.6 11.9 <0.0019	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07 364 0.0032
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium	ug/L as Be ug/L as Bi ug/L as Bi ug/L as Ca ug/L as Ca ug/L as Co ug/L as Co ug/L as Co ug/L as Fe ug/L as Fe ug/L as Li mg/L as Mg ug/L as Mh ug/L as Mo	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5 0.365 49.7 < 0.0019 < 1 0.316	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 8.08 91.7 0.27 2.2 1.52 8.8 < 0.0019 < 1 0.272	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208 < 0.0019 < 1 0.362	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	<ul> <li>&lt; 0.1</li> <li>1.6</li> <li>&lt; 0.1</li> <li>&lt; 1</li> <li>&lt; 50</li> <li>&lt; 0.01</li> <li>3.44</li> <li>&lt; 1</li> <li>&lt; 0.2</li> <li>10.65</li> <li>109.5</li> <li>0.4</li> <li>&lt; 2</li> <li>1.79</li> <li>29.3</li> <li>&lt; 0.0019</li> <li>&lt; 1</li> <li>&lt; 1</li> <li>&lt; 0.341</li> </ul>	14 14 14 14 14 14 14 14 14 14 10 10 14 11 11 14	<0.1 <1 <0.1 <0.1 <50 <0.01 2.93 <1 <0.2 3.57 52 0.2 1.6 11.9 <0.0019 <1 0.241	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07 364 0.0032 <1 <1 0.423
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium	ug/L as Be ug/L as Bi 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 Fe ug/L as Fe ug/L as Li mg/L as Mg ug/L as Mg ug/L as Mo ug/L as Ni mg/L as Ki ug/L as Ki ug/L as Ki	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5 0.365 < 2 1.535 49.7 < 0.0019 < 1 0.316 < 0.1	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 <0.1 <1 <50 <0.01 2.93 <1 <0.2 8.08 91.7 0.27 <2 1.52 8.8 <0.0019 <1 0.272 <0.1	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208 < 0.0019 < 1 0.362 < 0.1	10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 300 AO 5 MAC No Guideline Required	<ul> <li>&lt; 0.1</li> <li>1.6</li> <li>&lt; 0.1</li> <li>&lt; 1</li> <li>&lt; 50</li> <li>&lt; 0.01</li> <li>3.44</li> <li>&lt; 1</li> <li>&lt; 0.2</li> <li>10.65</li> <li>109.5</li> <li>0.4</li> <li>&lt; 2</li> <li>1.79</li> <li>29.3</li> <li>&lt; 0.0019</li> <li>&lt; 1</li> <li>&lt; 0.341</li> <li>&lt; 0.1</li> </ul>	14 14 14 14 14 14 14 14 14 14 14 14 14 1	<0.1 <1 <0.1 <50 <0.01 2.93 <1 <0.2 3.57 52 0.2 <2 <1.6 11.9 <0.0019 <1 <1 0.241 <0.1	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07 364 0.0032 <1 <1 0.423 <0.1
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium	ug/L as Be ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Ca ug/L as Cr ug/L as Co ug/L as Fe ug/L as Fe ug/L as Fe ug/L as Fi ug/L as Mg ug/L as Mn ug/L as Mi ug/L as Ni mg/L as Ni mg/L as K ug/L as K ug/L as K ug/L as K	1.95 <0.1 <10 <50 <0.01 3.045 <1 <0.2 12.61 267.5 0.365 <2 1.535 49.7 <0.0019 <1 <1 0.316 <0.1 1935	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 <0.1 <1 <50 <0.01 2.93 <1 <0.2 8.08 91.7 0.27 <2 1.52 8.8 <0.0019 <1 <1 0.272 <0.1 1320	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208 < 0.0019 < 1 < 1 0.362 < 0.1 2860	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	<ul> <li>&lt; 0.1</li> <li>1.6</li> <li>&lt; 0.1</li> <li>&lt; 1</li> <li>&lt; 50</li> <li>&lt; 0.01</li> <li>3.44</li> <li>&lt; 1</li> <li>&lt; 0.2</li> <li>10.65</li> <li>109.5</li> <li>0.4</li> <li>&lt; 2</li> <li>1.79</li> <li>29.3</li> <li>&lt; 0.0019</li> <li>&lt; 1</li> <li>&lt; 1</li> <li>0.341</li> <li>&lt; 0.01</li> <li>&lt; 0.01</li> <li>&lt; 0.01</li> <li>&lt; 0.01</li> </ul>	14 14 14 14 14 14 14 14 14 14 14 14 14 1	<0.1 <1 <0.1 <0.1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07 64 0.0032 <1 <1 0.423 <0.1 2640
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver	ug/L as Be ug/L as Bi ug/L as Bi ug/L as Ca ug/L as Ca ug/L as Co ug/L as Co ug/L as Co ug/L as Fe ug/L as Fb ug/L as Li mg/L as Mg ug/L as My ug/L as Mi ug/L as Ni mg/L as Ki ug/L as Ki ug/L as Si ug/L as Ki ug/L as Ki	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5 0.365 < 2 1.535 49.7 < 0.0019 < 1 < 1 0.316 < 0.1 1935 < 0.02	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 <0.1 <10 <0.01 <2.93 <11 <0.02 <8.08 91.7 0.27 <2 1.52 8.8 <0.0019 <1 <1 0.272 <0.1 1320 <0.02	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208 < 0.0019 < 1 < 1 0.362 < 0.1 2860 < 0.02	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 5 MAC No Guideline Required	<ul> <li>&lt; 0.1</li> <li>1.6</li> <li>&lt; 0.1</li> <li>&lt; 1</li> <li>&lt; 50</li> <li>&lt; 0.01</li> <li>3.44</li> <li>&lt; 1</li> <li>&lt; 0.2</li> <li>10.65</li> <li>109.5</li> <li>0.4</li> <li>&lt; 2</li> <li>1.79</li> <li>29.3</li> <li>&lt; 0.0019</li> <li>&lt; 1</li> <li>&lt; 1</li> <li>0.341</li> <li>&lt; 0.15</li> <li>&lt; 0.02</li> </ul>	14 14 14 14 14 14 14 14 14 14 10 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 11 14 14	<0.1 <1 < 0.1 <0.1 <0.0 <1 < 50 <0.01 2.93 <1 < 0.2 3.57 52 0.2 <2 2 1.6 11.9 <0.0019 <1 <1 0.241 <0.1 408 <0.02	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07 364 <1 0.423 <0.1 2640 <0.002
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium	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 ug/L as Co ug/L as Fe ug/L as Pb ug/L as Mg ug/L as Mg ug/L as Mg ug/L as Mg ug/L as Ki mg/L as K ug/L as Se mg/L as Se mg/L as Ag mg/L as Ag	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5 0.365 49.7 < 0.0019 < 1 0.316 < 0.1 1935 < 0.02 9.3	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 <0.1 <10.01 <1.3 <0.01 <1.01 <1.02 <0.01 2.93 <1.02 8.08 91.7 0.27 <2.2 1.52 8.8 <0.0019 <1.02 <1.02 <0.01 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208 < 0.0019 < 1 0.362 < 0.1 2860 < 0.02 9.55	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	<ul> <li>&lt; 0.1</li> <li>1.6</li> <li>&lt; 0.1</li> <li>&lt; 1</li> <li>&lt; 50</li> <li>&lt; 0.01</li> <li>3.44</li> <li>&lt; 1</li> <li>&lt; 0.2</li> <li>10.65</li> <li>109.5</li> <li>0.4</li> <li>&lt; 2</li> <li>1.79</li> <li>29.3</li> <li>&lt; 0.0019</li> <li>&lt; 1</li> <li>&lt; 1</li> <li>&lt; 0.341</li> <li>&lt; 0.1</li> <li>2015</li> <li>&lt; 0.02</li> <li>9.59</li> </ul>	14 14 14 14 14 14 14 14 14 14 14 14 14 1	<0.1 <1 <0.1 <0.1 <50 <0.01 2.93 <11 <0.2 3.57 52 0.2 1.6 11.9 <0.0019 <1 0.241 <0.1 408 <0.002 8.3	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07 364 0.0032 <1 <1 0.423 <0.1 2640 0.022 11.4
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium	ug/L as Be ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Cc ug/L as Co ug/L as Co ug/L as Co ug/L as Co ug/L as Fe ug/L as Fe ug/L as Hi mg/L as Mo ug/L as Mo ug/L as Si ug/L as Se mg/L as Se mg/L as Se mg/L as Sa ug/L as Si ug/L as Sa ug/L as Sa	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5 0.365 < 2 1.535 49.7 < 0.0019 < 1 0.316 < 0.1 1935 < 0.02 9.3	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 <0.1 <10.002 8.08 91.7 0.27 <2 1.52 8.8 <0.0019 <1 0.272 <0.1 1320 <0.002 8.73 12.3	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208 < 0.0019 < 1 0.362 < 0.1 2860 < 0.02 9.55 14.9	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 5 MAC No Guideline Required	<ul> <li>&lt; 0.1</li> <li>1.6</li> <li>&lt; 0.1</li> <li>&lt; 1</li> <li>&lt; 50</li> <li>&lt; 0.01</li> <li>3.44</li> <li>&lt; 1</li> <li>&lt; 0.2</li> <li>10.65</li> <li>109.5</li> <li>0.4</li> <li>&lt; 2</li> <li>1.79</li> <li>29.3</li> <li>&lt; 0.0019</li> <li>&lt; 1</li> <li>&lt; 1</li> <li>&lt; 0.341</li> <li>&lt; 0.1</li> <li>2015</li> <li>&lt; 0.02</li> <li>&lt; 10.95</li> <li>&lt; 0.01</li> <li>&lt; 0.1</li> <li>&lt; 0.15</li> <li>&lt; 0.05</li> <li>&lt; 0.05&lt;</li></ul>	14 14 14 14 14 14 14 14 14 14 14 14 14 1	< 0.1 < 1 < 0.1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 < 2 1.6 11.9 < 0.0019 < 1 < 1 < 0.241 < 0.1 408 < 0.02 8.3 13	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07 364 0.0032 <1 <1 0.423 <0.1 2640 <0.022 11.4 17.2
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium Sulcium	ug/L as Be ug/L as Bi 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 Fe ug/L as Fe ug/L as Fe ug/L as Ho ug/L as Mn ug/L as Mn ug/L as Mo ug/L as Si	1.95 <0.1 <1 <50 <0.01 3.045 <1 <0.2 12.61 267.5 0.365 <2 1.535 49.7 <0.0019 <1 <1 0.316 <0.1 1935 <0.02 9.3 12.85 <3	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 <0.1 <1 <50 <0.01 2.93 <1 <0.2 8.08 91.7 0.27 <2 1.52 8.8 <0.0019 <1 <1 0.272 <0.1 1320 <0.02 8.73 12.3 <3	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208 < 0.0019 < 1 < 1 0.362 < 0.1 2860 < 0.02 9.55 14.9 < 3	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	<pre>&lt; 0.1 1.6 &lt; 0.1 1.6 &lt; 0.01 &lt; 1 &lt; 50 &lt; 0.01 3.44 &lt; 1 &lt; 0.2 10.65 109.5 0.4 &lt; 2 1.79 29.3 &lt; 0.0019 &lt; 1 &lt; 1 0.341 &lt; 0.0 1 2015 &lt; 0.02 9.59 14.3 &lt; 3</pre>	14 14 14 14 14 14 14 14 14 14 14 14 14 1	<0.1 <1 < 0.1 <1 < 0.01 <1 < 0.01 <50 <0.01 2.93 <1 < 0.2 3.57 52 0.2 <2 1.6 11.9 <0.0019 <1 <1 0.241 <1 0.241 <0.0 3.57 52 1.6 11.9 <1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07 61 0.423 <0.1 2640 <0.002 11.4 17.2 4.6
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Sulfur Thallium	ug/L as Be ug/L as Bi ug/L as Bi 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 ug/L as Fe ug/L as Fi mg/L as Mg ug/L as Mo ug/L as Ni mg/L as Si ug/L as Si	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5 0.365 < 2 1.535 49.7 < 0.0019 < 1 < 1 0.316 < 0.1 1935 < 0.02 9.3 12.85 < 3 < 0.01	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 <0.1 <10.2 8.08 91.7 0.27 <2 1.52 8.8 <0.0019 <1 <10.272 <0.0019 <1 <10.272 <0.1 320 <0.02 8.73 12.3 <3 <0.001	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208 < 0.0019 < 1 < 1 0.362 < 0.1 2860 < 0.02 9.55 14.9 < 3 < 0.01	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	<ul> <li>&lt; 0.1</li> <li>1.6</li> <li>&lt; 0.1</li> <li>&lt; 50</li> <li>&lt; 0.01</li> <li>3.44</li> <li>&lt; 1</li> <li>&lt; 0.2</li> <li>10.65</li> <li>109.5</li> <li>0.4</li> <li>&lt; 2</li> <li>1.79</li> <li>29.31</li> <li>&lt; 1</li> <li>&lt; 0.341</li> <li>&lt; 0.1</li> <li>2015</li> <li>&lt; 0.02</li> <li>9.59</li> <li>14.3</li> <li>&lt; 3</li> <li>&lt; 0.01</li> </ul>	14 14 14 14 14 14 14 14 14 14 14 14 14 1	< 0.1 < 1 < 0.1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 52 0.2 < 2 1.6 11.9 < 0.0019 < 1 0.241 < 0.2 3.57 < 2 < 0.2 < 2 3.57 < 0.2 < 2 3.57 < 0.2 < 2 3.57 < 0.2 <	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07 364 0.0032 <1 <1 0.423 <0.1 2640 <0.02 11.4 17.2 4.6 <0.05
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 Be ug/L as Bi 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 Fe ug/L as Fe ug/L as Fe ug/L as Ho ug/L as Mn ug/L as Mn ug/L as Mo ug/L as Si	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5 0.365 < 2 1.535 49.7 < 0.0019 < 1 0.316 < 0.1 1935 < 0.02 9.3 12.85 < 3 < 0.01 < 5	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 <0.1 <10.001 <1.3 <0.1 <10.001 <2.93 <10.002 <8.08 91.7 0.27 <2 1.52 8.8 <0.0019 <1 <1 0.272 <0.1 1320 <0.02 8.73 12.3 <3 <0.001 <5	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208 < 0.0019 < 1 0.362 < 0.1 0.362 < 0.1 0.362 < 0.1 0.362 < 0.1 0.362 < 0.1 0.362 < 0.1 0.362 < 0.5 0.02 0.55	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	<pre>&lt; 0.1 1.6 &lt; 0.1 1.6 &lt; 0.01 &lt; 1 &lt; 50 &lt; 0.01 3.44 &lt; 1 &lt; 0.2 10.65 109.5 0.4 &lt; 2 1.79 29.3 &lt; 0.0019 &lt; 1</pre>	14 14 14 14 14 14 14 14 14 14 14 14 14 1	<0.1 <1 < 0.1 <1 < 0.1 <50 <0.01 2.93 <1 < 0.2 3.57 52 0.2 1.6 11.9 <0.001 <1 < 0.241 <0.1 4.08 <0.02 8.3 13 <3 <0.01 <5	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07 364 0.0032 <1 <1 0.423 <0.1 2640 <0.02 11.4 17.2 4.6 <0.05 <55
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium Sulfur Thallium Tin	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 ug/L as Co ug/L as Fe ug/L as Po ug/L as Mo ug/L as Mo ug/L as Mo ug/L as Mi mg/L as Ni mg/L as Se mg/L as Se mg/L as Se mg/L as Si ug/L as Sr ug/L as Sr ug/L as Sr ug/L as Sr	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5 0.365 < 2 1.535 49.7 < 0.0019 < 1 0.316 < 0.1 1935 < 0.02 9.3 12.85 < 3 < 0.01 < 5 < 5	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 <0.1 <10.01 <1.3 <0.1 <1.5 <0.01 2.93 <1 <0.2 8.08 91.7 0.27 <2 1.52 8.8 <0.0019 <1 0.272 <0.1 1320 <0.02 8.73 12.3 <3 <0.001 <5 <5 <5	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208 < 0.0019 < 1 0.362 < 0.1 2860 < 0.02 9.55 14.9 < 3 < 0.01 < 5 < 5	10 MAC 1000 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	<ul> <li>&lt; 0.1</li> <li>1.6</li> <li>&lt; 0.1</li> <li>&lt; 1</li> <li>&lt; 50</li> <li>&lt; 0.01</li> <li>3.44</li> <li>&lt; 1</li> <li>&lt; 0.2</li> <li>10.65</li> <li>109.5</li> <li>0.4</li> <li>&lt; 2</li> <li>1.79</li> <li>29.3</li> <li>&lt; 0.0019</li> <li>&lt; 1</li> <li>&lt; 1</li> <li>&lt; 0.341</li> <li>&lt; 0.1</li> <li>2015</li> <li>&lt; 0.02</li> <li>9.59</li> <li>14.3</li> <li>&lt; 3</li> <li>&lt; 0.01</li> <li>&lt; 5</li> <li>&lt; 5</li> <li>&lt; 5</li> <li>&lt; 5</li> </ul>	14 14 14 14 14 14 14 14 14 14 14 14 14 1	<pre>&lt; 0.1   &lt;1   &lt;0.1   &lt;0.1   &lt;50   &lt;0.01   2.93   &lt;1   &lt;0.2   3.57   52   0.2   3.57   52   -2   1.6   11.9   &lt;0.0019   &lt;1   &lt;1   0.241   &lt;0.1   408   &lt;0.02   8.3   13   &lt;3   &lt;0.01   &lt;55   &lt;5</pre>	<0.5 0.14 2.6 <0.1 <10 <50 0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07 364 0.0032 <1 <1 2640 <0.02 11.4 17.2 4.6 <0.05 <5 <5 <5
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium Sulfur Thallium Tin Titanium Calcium	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 Es ug/L as Mo ug/L as Mi ug/L as Mi ug/L as Ni mg/L as K ug/L as Se mg/L as Sa ug/L as Si	1.95 <0.1 <1 <50 <0.01 3.045 <1 <0.2 12.61 267.5 0.365 <2 1.535 49.7 <0.0019 <1 <1 0.316 <0.1 1935 <0.02 12.85 <3 <0.01 <5 <0.01	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 <0.1 <10 <0.01 <2.93 <1 <0.02 <8.08 91.7 0.27 <2 1.52 8.8 <0.0019 <1 0.272 <0.1 1320 <0.02 8.73 12.3 <3 <0.001 <5 <0.001 <5 <0.002 <8.73 <0.001 <5 <0.002 <8.73 <0.001 <5 <0.002 <8.73 <0.001 <5 <0.002 <8.73 <0.001 <5 <0.002 <8.73 <0.001 <5 <0.002 <8.73 <0.001 <5 <0.002 <8.73 <0.001 <5 <0.002 <8.73 <0.001 <5 <0.002 <8.73 <0.001 <5 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <0.002 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8.73 <8	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208 < 0.0019 < 1 < 1 0.362 < 0.1 2860 < 0.02 9.55 14.9 < 3 < 0.01 < 5 < 5 < 0.1	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	<pre>&lt; 0.1 1.6 &lt; 0.1 1.6 &lt; 0.01 &lt; 1 &lt; 50 &lt; 0.01 3.44 &lt; 1 &lt; 0.2 10.65 109.5 0.4 &lt; 2 1.79 29.3 &lt; 0.0019 &lt; 1</pre>	14 14 14 14 14 14 14 14 14 14 14 14 14 1	<0.1 <1 < 0.1 <1 < 0.1 <50 <0.01 2.93 <1 < 0.2 3.57 52 0.2 1.6 11.9 <0.001 <1 < 0.241 <0.1 4.08 <0.02 8.3 13 <3 <0.01 <5	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07 61 <1 0.423 <0.1 2640 <0.002 11.4 17.2 4.6 <0.05 <5 <0.1
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium Sulfur Thallium Tin Titanium Uranium	ug/L as Be ug/L as Bi 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 Fe ug/L as Fe ug/L as Fe ug/L as Fi mg/L as Mg ug/L as Mi ug/L as Mi mg/L as Ni mg/L as Si ug/L as Si	1.95 < 0.1 < 1 < 50 < 0.01 3.045 < 1 < 0.2 12.61 267.5 0.365 < 2 1.535 49.7 < 0.0019 < 1 < 1 0.316 < 0.1 1935 < 0.02 9.3 12.85 < 3 < 0.01 < 5 < 0.01	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 <0.1 <10.2 8.08 91.7 0.27 <2 1.52 8.8 <0.0019 <1 <10.272 <0.01 1320 <0.02 8.73 12.3 <3 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01	0.14 2.6 <0.01 <10.20 22.3 518 0.47 <2 1.68 208 <0.0019 <1 <1 0.362 <0.02 9.55 14.9 <3 <0.001 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <5 <0.01 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02 <0.02	10 MAC 1000 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 120 MAC No Guideline Required 200 MAC 200 MAC	<pre>&lt; 0.1 1.6 &lt; 0.1 1.6 &lt; 0.1 &lt; 1 &lt; 50 &lt; 0.01 3.44 &lt; 1 &lt; 0.2 10.65 109.5 0.4 &lt; 2 1.79 29.3 &lt; 0.0019 &lt; 1 &lt; 1 0.341 &lt; 0.1 2015 &lt; 0.02 9.59 14.3 &lt; 3 &lt; 0.001 &lt; 5 &lt; 5 &lt; 5 &lt; 1 &lt; 5 &lt; 1 &lt; 5 &lt; 5 &lt; 5 &lt; 5 &lt; 5 &lt; 5 &lt; 6 </pre>	14 14 14 14 14 14 14 14 14 14 14 14 14 1	<0.1 <1 < 0.1 <1 < 0.1 <50 <0.01 2.93 <1 < 0.2 3.57 52 0.2 <2 1.6 11.9 <0.0019 <1 < 1 0.241 <0.1 408 <0.02 8.3 13 <3 <0.01 <5 <5 <0.1 <5 <0.1	<0.5 0.14 2.6 <0.1 <1 <50 <0.01 <1 0.5 92.7 364 0.0032 <1 <1 0.423 0.423 4.6 <0.05 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <5 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1 <0.1
Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium Sulfur Thallium Tin Titanium Calcium	ug/L as Be ug/L as Bi 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 Fe ug/L as Fe ug/L as Fi ug/L as Mo ug/L as Mi ug/L as Mo ug/L as Si	1.95 <0.1 <1 <50 <0.01 3.045 <1 <0.2 12.61 267.5 0.365 <2 1.535 49.7 <0.0019 <1 <1 0.316 <0.1 1935 <0.02 12.85 <3 <0.01 <5 <0.01	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	1.3 <0.1 <10 <0.01 <10 <0.01 <10 <0.01 <10 <0.02 <10 <0.02 <10 <0.02 <10 <0.02 <10 <10 <0.02 <10 <0.02 <10 <0.02 <10 <0.02 <10 <0.02 <10 <0.02 <0.01 <10 <0.02 <0.01 <0.02 <0.02 <0.01 <0.02 <0.02 <0.03 <0.03 <0.03 <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 <0.05 <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.	0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.8 < 1 0.22 22.3 518 0.47 < 2 1.68 208 < 0.0019 < 1 < 1 0.362 < 0.1 2860 < 0.02 9.55 14.9 < 3 < 0.01 < 5 < 5 < 0.1	10 MAC 1000 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	<pre>&lt; 0.1 1.6 &lt; 0.1 1.6 &lt; 0.1 &lt; 1 &lt; 50 &lt; 0.01 3.44 &lt; 1 &lt; 0.2 10.65 109.5 0.4 &lt; 2 1.79 29.3 &lt; 0.0019 &lt; 1 &lt; 1 0.341 2015 &lt; 0.02 9.59 14.3 &lt; 3 &lt; 0.001 &lt; 5 &lt; 5 &lt; 0.1</pre>	14 14 14 14 14 14 14 14 14 14 14 14 14 1	<0.1 <1 < 0.1 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.2 <3.57 <52 <2 < 2 <1.6 <1.1 <1.9 <0.0019 <1 < 1 <0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 < 0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0 <1 <0.0	<0.5 0.14 2.6 <0.1 <10 <50 0.01 3.89 <1 0.5 92.7 902 0.99 <5 2.07 2.07 <1 <1 0.423 <0.1 2640 <0.02 11.4 17.2 4.6 <0.05 <5 <0.1