# Wilderness Mountain Water System

2024 Annual Report



**Drinking Water** 

#### Introduction

This report provides a summary of the Wilderness Mountain Water Service for 2024 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 2024.

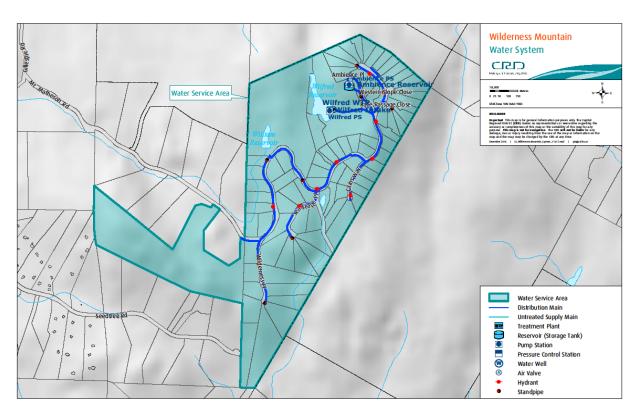


Figure 1: Map of the Wilderness Mountain Water Service Area

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 2024.

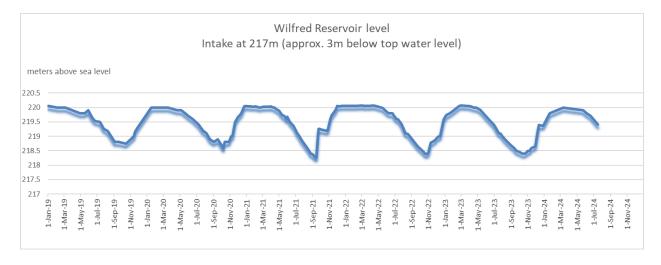


Figure 2: Wilfred Reservoir Water Level 2019-2024

### **Water Usage**

The volume used by the community, or the water demand, is illustrated in Figure 3. The demand in 2024 was 10% lower than in 2023.

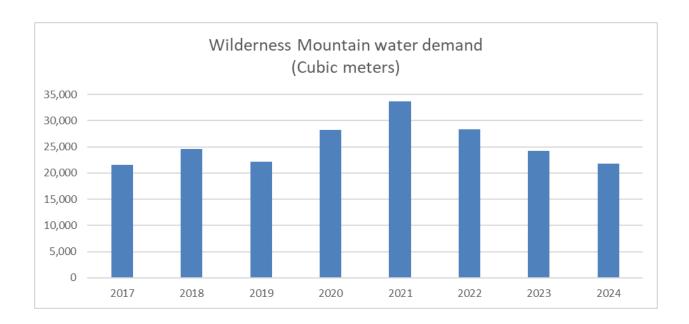


Figure 3: Wilderness Mountain Water Demand (cubic meters) 2017-2024

# **Drinking Water Quality**

The Wilderness Mountain Water System was on two boil water advisories (BWA), in total for 56 days in 2024, 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 these BWAs for this system. Upgrades to the treatment process or a new water source are needed to meet the provincial requirement.

Wilfred Reservoir raw water exhibited elevated iron and manganese concentrations throughout the entire year, but the highest concentrations were recorded during November and December. Lake turnover and rain-driven runoff events were the main causes. Without designated treatment in place to remove these metals from the raw water, the aesthetic objectives for iron and manganese, as per Guidelines for Canadian Drinking Water Quality (GCDWQ), were regularly exceeded in the treated water. In samples from November 13, 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. Additional treatment is required to mitigate this ongoing issue. The water had a high colour rating throughout the year.

The data below provides a summary of the water quality characteristics in 2024:

#### Raw Water:

- From May to August, the raw water recorded extremely high total coliform bacteria concentrations. While summer total coliform spikes are common, the magnitude of this event was unprecedented. Outside this period, total coliform concentrations were relatively low.
- *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 2024, and neither were detected.

- The raw water was tested monthly for metals for a more granular analysis compared to the past. The results indicate that both iron and manganese concentrations are particularly high during November and December. Cause for this is likely a combination of the lake turnover and runoff from rainfall events. However, the source water exhibited also high iron and manganese concentration in June.
- The median annual raw water turbidity was 0.90 Nephelometric Turbidity Unit (NTU) and therefore similar to 2023. The turbidity was typically over 1 NTU during the wet season and during early summer. The maximum turbidity was 2.4 NTU (October 25). Most raw water turbidity spikes coincided with algal and/or zooplankton blooms in Wilfred Reservoir. Runoff and lake turnover events can also have an adverse effect on turbidity.
- The raw water was soft (median hardness 17.75 mg/L CaCO<sub>3</sub>).
- The pH was slightly acidic (median pH 6.9).
- The median total organic carbon (TOC) concentration was moderately high at 4.60 mg/L, which is in line with historic results.

#### **Treated Water:**

- The treated water was safe to drink outside the 56-day BWAs (January 1-24, and October 25 to November 25, 2024). No *E. coli* or total coliform bacteria were found in the treated water throughout the entire year.
- The treated water turbidity was above the GCDWQ turbidity limit of 1.0 NTU in January, October and November. This led to the two periods with a BWA.
- Manganese concentrations exceeded the aesthetic objective in the treated water during most parts of the year. August and September seem to be two months with lower iron and manganese in the treated water. Treated water samples from November 13 were above the MAC in the GCDWQ. Iron concentrations were in exceedance of the recently lowered aesthetic objective for most parts of the year. The water had a high colour rating for the entire year, likely because of high iron and manganese concentrations.
- The disinfection by-products Trihalomethanes (TTHM) and Haloacetic Acids (HAA) were well below the GCDWQ limits.
- The annual median total chlorine residual in the system was 1.70 mg/L.

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

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

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

# **Operational Highlights**

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

- Hypo pump replacement,
- Booster pump replacement,
- Log/Debris removal from Wilfred Reservoir

# Capital Project Updates - 2024

The Capital Projects that were in progress or completed in 2024 include:

• Wooden Intake Platform Replacement – Contract executed, and preliminary work progressed on wooden intake platform repairs. A portion of the scope for a floating landing deferred until Q2 of 2025 to align with budget approval timelines.

## **Financial Report**

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

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

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

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

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

Table 1

able 1: 2024 Summary of Raw Water Test Repair Parameter		2024 ANALYTICAL RESULTS				CANADIAN GUIDELINES	2014 - 2023 ANALYTICAL RESULTS			
Parameter	Units of	Annual	Samples	Rai	nge	= Less than or equal to		Samples		ange
Name	Measure	Median	Analyzed	Minimum	Maximum	Less than or equal to	Median	Analyzed	Minimum	Maximu
L = parts per million ug/L = parts		-!! D								
	Pny	sicai Par	ameters	(ND means I	Not Detected	by analytical method used)				
Orahan Birashad Orania	1	4.05		0.7	1 44		2.0	1 04	1 404	
Carbon, Dissolved Organic Carbon, Total Organic	mg/L as C mg/L as C	4.05 4.6	2 5	3.7 4.1	4.4 4.8	Guideline Archived	3.9 4	21 29	1.91 2.96	5.4 8.8
Colour, True	TCU	22.5	6	18.4	31	≤15 AO	14	53	7	28
Hardness as CaCO <sub>3</sub>	mg/L	17.75	12	15.9	19.1	No Guideline Required	15.7	34	11.1	18.6
•	_	6.91	17	6.32	7.18	7.0 - 10.5 AO	6.9	77	6.14	8.1
pH	pH units	1.8	2	1.6	2	7.0 - 10.5 AO	<2	13	0.14	7.2
Total Suspended Solids	mg/L									
Total Solids	mg/L	64	2	54	74 2.4		48.7	13	42	88
Turbidity, lab tests Ultraviolet Transmittance	NTU 0/	0.9	38	0.5			0.94	382	0.35	5.8
	% damaaa C	79.3 13.3	4 29	73.2 4.8	80.1 21.3	≤15 AO	76.8	37 310	69.9 3.5	82.1 21.2
Water Temperature	degrees C	13.3	29	4.0	21.3	213 AO	11.75	310	3.5	21.2
	Non-Metall	ic Inorga	nic Che	micals (	ND means No	t Detected by analytical meth	od used)			
					1					
Ammonia, Total	ug/L as N	< 15	2	< 15	<15		30	18	<0.61	71
Bromide	ug/L as Br	0.0435	2	0.042	0.045		35	14	< 0.7	50
Chloride	mg/L as Cl	15	2	15	15	≤ 250 AO	11	10	10	14
Cyanide	mg/L as Cn	0.00075	2	0.00057	0.00092	0.2 MAC	< 0.0005	10	< 0.0005	< 0.00
Fluoride	mg/L as F	< 0.05	2	< 0.05	< 0.05	1.5 MAC	< 0.021	5	0.016	0.024
Nitrogen, Nitrate	ug/L as N	67.5	2	< 20	115		< 20	18	< 0.45	37
Nitrogen, Nitrite	ug/L as N	< 5	2	< 5	<5 468		< 5 211.5	18 18	<0.005 84	< 5 267
Nitrogen, Total Phosphate,Total	ug/L as N ug/L as P	<b>359</b> < 10	3	250 9	13		6.45	18	< 1	71
Silica	ng/L as P	3.4	2	3.3	3.5		4.65	4	2.1	5
Silica	mg/L as SiO <sub>2</sub>	1110	12	675	1990		1540	31	380	2920
Sulphate	mg/L as SO₄	3.6	4	3.4	4.2	≤ 500 AO	5.8	21	4	19
Sulphide	mg/L as H₂S	< 0.0018	2	< 0.0018	<0.0018	≤ 0.05 AO	< 0.0018	3	< 0.0018	0.003
Sulphur	mg/L as S	< 3	12	< 3	<3	3 0.00 AO	< 3	32	< 3	5.94
Calpital	ng/2 do o							, 02		0.01
		Metal	S (ND mean:	s Not Detecte	d by analytic	al method used)				
A b seed on see	1	20	I 40	5.0	00.0	0000 144 0 / 400 00	05.4	1 04	1 70	04.5
Aluminum	ug/L as Al	20	12	5.9	36.6	2900 MAC / 100 OG	25.4	31	7.8	81.5
Antimony	ug/L as Sb	< 0.5	12	< 0.5	< 0.5	6 MAC	< 0.5	31	< 0.5	< 0.5
Arsenic	ug/L as As	0.11 2.5	12 12	< 0.1	0.14	10 MAC	< 0.1	31 31	< 0.1	0.15 2.7
Barium	ug/L as Ba	< 0.1	12	1.8 < 0.1	2.8 < 0.1	1000 MAC	2.1 < 0.1	31	< 1 < 0.1	< 0.1
Beryllium Bismuth	ug/L as Be ug/L as Bi	<1	12	< 1	< 1		< 1	31	< 1	< 1
Boron	ug/L as Bi	< 50	12	< 50	< 50	5000 MAC	< 50	31	< 50	< 50
Cadmium	ug/L as Cd	< 0.01	12	< 0.01	0.046	7 MAC	< 0.01	31	< 0.01	0.013
Calcium	mg/L as Ca	3.785	12	3.4	4.06	No Guideline Required	3.36	31	2.9	4.14
Chromium	ug/L as Cr	< 1	12	< 1	12.4	50 MAC	< 1	31	< 1	< 1
Cobalt	ug/L as Co	< 0.2	12	< 0.2	0.26		< 0.2	31	< 0.2	0.5
Copper	ug/L as Cu	7.17	12	1.86	28.5	2000 MAC / ≤ 1000 AO	3.18	31	1.95	28.5
Iron	ug/L as Fe	173.5	12	89	489	≤ 100 AO	182	31	90.5	902
Lead	ug/L as Pb	0.6	12	< 0.2	2.68	5 MAC	0.27	31	< 0.2	1.01
Lithium	ug/L as Li	< 2	12	< 2	<2		< 2	22	< 2	5
Magnesium	mg/L as Mg	1.99	12	1.8	2.21	No Guideline Required	1.76	31	1.48	2.03
Manganese	ug/L as Mn	59.2	12	23.9	182	120 MAC / ≤ 20 AO	54.7	31	19.7	364
Mercury	ug/L as Hg	< 0.0019	5	< 0.0019	< 0.03		< 0.0019	28	< 0.0019	< 0.05
Molybdenum	ug/L as Mo	< 1	12	< 1	<1		< 1	31	< 1	< 1
Nickel	ug/L as Ni	< 1	12	< 1	<1		< 1	31	< 1	5.2
Potassium	mg/L as K	0.398	12	0.312	0.454		0.325	31	0.249	0.423
Selenium	ug/L as Se	< 0.1	12	< 0.1	<0.1	50 MAC	< 0.1	31	< 0.1	< 0.1
Silver	ug/L as Ag	< 0.02	12	< 0.02	<0.02	No Guideline Required	< 0.02	31	< 0.02	< 0.02
Sodium	mg/L as Na	7.25	12	6.46	7.85	≤ 200 AO	6.79	31	6.18	10.9
Strontium	ug/L as Sr	15.55	12	14.3	17.8	7000 MAC	14.3	31	12.2	17.2
Thallium	ug/L as TI	< 0.01	12	< 0.01	<0.01		< 0.01	31	< 0.01	< 0.05
Tin	ug/L as Sn	< 5	12	< 5	<5		< 5	31	< 5	< 5
Titanium	ug/L as Ti	< 5	12	< 5	<5		< 5	31	< 5	< 5
Uranium	ug/L as U	< 0.1	12	< 0.1	<0.1	20 MAC	< 0.1	31	< 0.1	< 0.1
Vanadium	ug/L as V	< 5	12	< 5	<5		< 5	31	< 5	< 5
Zinc Zirconium	ug/L as Zn ug/L as Zr	9 < 0.1	12 12	< 5 < 0.1	42.3 < 0.1	≤ 5000 AO	< 5 < 0.1	31 31	< 5 < 0.1	21.3 < 0.5
ZiiGOHUIII	ug/L as ZI	¬ U. I	1 12	~ U. I			¬ U. I		7 0.1	<u> </u>
			Micr	obial Pa	rameters	•				
Indicator Bacte	ria							ı		
Coliform, Total	Coliforms/100 mL	165	20	< 1	190000		150	199	<1	53000
E. coli	E.coli/100 mL	< 1	20	< 1	15		< 1	208	<1	29
					_	No Cuideline De miner				
Hetero. Plate Count, 28C (7 day)	CFU/1 mL		Last analyz	zea in 2014		No Guideline Required	780	9	470	1340
Chlorophyll										
Chlorophy II A		274	10	1.04	12.2		2.60	125	0.205	40.7
Chlorophyll A	ug/L	3.74	16	1.24	13.2		3.68	135	0.295	10.7
Parasites			,		1	No MAC Established				
Oments and discuss Tabal assessed	oocysts/100 L	< 0.1	2	< 0.1	<0.1	Zero detection desirable	0.55	13	< 0.1	< 1
Cryptosporidium, Total oocysts										

Table 2

PARAMETER	reated Water T	1		ess Mount ICAL RESUL		System  CANADIAN GUIDELINES	201	4-2023 ANA	ALYTICAL	RESULTS
Parameter Name	Units of Measure	Annual Median	Samples Analyzed	Rai Minimum	nge Maximum	≤ = Less than or equal to	Median	Samples Analyzed	Minimum	Range Maximum
	ts per billion	Modian	7 may 20a		TVRAX.III RATTI		modian	7 thaiy 20 a		TVRAXIII RATI
			Phy	sical Pa	rameters	<b>)</b>				
Colour, True	TCU	18	4	12	23	≤ 15 AO	11	49	5	24
Hardness as CaCO3	mg/L	18.1	39	15.8	20	2 13 AO	16.1	25	13.6	18.1
pH	pH units	7.14	17	6.5	7.92	7.0 - 10.5 AO	7	79	6.45	9.1
Total Organic Carbon	mg/L	4.55	6	3.8	5.8	7.0 10.0710	3.95	16	2.5	8.7
Turbidity, lab tests	NTU	0.7	27	0.5	1.4	1 MAC and ≤ 5 AO	0.69	304	0.17	3.3
Water Temperature	degrees C	10.7	215	3	21.5	≤ 15 AO	11.1	1971	1.8	21.1
Water Temperature	degrees C	10.7	213	3	21.5	\$ 13 AO	11.1	1971	1.0	21.1
			Micr	obial Pa	rameters	3				
Indicator Bacte	ria		1							
Coliform, Total	CFU/100 mL	<1	98	< 1	< 1	0 MAC	< 1	846	<1	330
E. coli	CFU/100 mL	< 1	98	< 1	< 1	0 MAC	< 1	846	<1	40
Hetero. Plate Count, 28C (7 day)	CFU/1 mL	21000	1	21000	21000	No Guideline Required	4600	76	60	22000
				Disinfec	tants					
Disinfectants	)									
Chlorine, Total Residual	mg/L as Cl₂	1.7	140	0.05	3.29	No Guideline Required	1.4	1188	0	5.2
Monochloramine, Field - 1 Station	mg/L	2.475	18	0.98	3.1		2.3	85	0.17	3.45
	Dieinfo	oction By	Produc	te (ND	Net Dete	ted by analytical method us	٠ ما/			
	Distille	Cuon by	-i ioaac	(NDTHE	ins not betec	ted by analytical method us	seu)			
Trihalomethanes (	THMs)		1					1	l	
Bromodichloromethane (BDCM)	ug/L	<1	5	< 1	< 1		< 1	52	<0.2	26
Bromoform (BRFM)	ug/L	< 1	5	< 1	< 1		< 1	52	< 0.1	< 2
Chloroform (CHLF)	ug/L	2.8	5	2.3	3.8		2.45	52	<1	130
Chlorodibromomethane (DBCM)	ug/L	< 1	5	< 1	< 1		< 1	52	<0.1	3.1
Total Trihalomethanes (TTHM)	ug/L	2.8	5	2.3	3.8	100 MAC	2.4	52	< 1	160
								1		
Haloacetic Acids (*5 Total, HAA5)	ug/L	8	1	8	8	80 MAC	11.5	44	0.75	88
Haloacetic Acids (*5 Total, HAA5)	ug/L	8	1	8	8	80 MAC	11.5	44	0.75	88
Haloacetic Acids (*5 Total, HAA5)	ug/L					80 MAC	11.5	44	0.75	88
							11.5		0.75	62.1
Aluminum	ug/L as Al	Metals	ND means	s Not Detecte	d by analytica 36.2	al method used) 2900 MAC / 100 OG	19.3	25	4.5	62.1
Aluminum Antimony	ug/L as Al ug/L as Sb	Metals	39 39	3.7 < 0.5	d by analytica 36.2 < 0.5	al method used)  2900 MAC / 100 OG  6 MAC	19.3 < 0.5	25 25	4.5 < 0.5	62.1
Aluminum Antimony Arsenic	ug/L as Al ug/L as Sb ug/L as As	Metals 14.3 < 0.5 < 0.1	39 39 39 39	3.7 < 0.5 < 0.1	36.2 < 0.5 0.13	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC	19.3 < 0.5 < 0.1	25 25 25 25	4.5 < 0.5 < 0.1	62.1 < 0.5 0.14
Aluminum Antimony Arsenic Barium	ug/L as AI ug/L as Sb ug/L as As ug/L as Ba	Metals  14.3  < 0.5  < 0.1  2.5	39 39 39 39 39	3.7 < 0.5 < 0.1 1.3	36.2 < 0.5 0.13 3.3	al method used)  2900 MAC / 100 OG  6 MAC	19.3 < 0.5 < 0.1	25 25 25 25 25	4.5 < 0.5 < 0.1 < 1	62.1 < 0.5 0.14 2.6
Aluminum Antimony Arsenic Barium Beryllium	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Be	Metals  14.3  < 0.5  < 0.1  2.5  < 0.1	39 39 39 39 39 39	3.7 < 0.5 < 0.1 1.3 < 0.1	36.2 < 0.5 0.13 3.3 < 0.1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC	19.3 < 0.5 < 0.1 2 < 0.1	25 25 25 25 25 25	4.5 < 0.5 < 0.1 < 1 < 0.1	62.1 < 0.5 0.14 2.6 < 0.1
Aluminum Antimony Arsenic Barium Beryllium Bismuth	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Bi	Metals  14.3  < 0.5  < 0.1  2.5  < 0.1  < 1	39 39 39 39 39 39 39	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1	d by analytica 36.2 < 0.5 0.13 3.3 < 0.1	al method used)  2900 MAC / 100 OG  6 MAC  10 MAC  1000 MAC	19.3 < 0.5 < 0.1 2 < 0.1 < 1	25 25 25 25 25 25 25 25	4.5 < 0.5 < 0.1 < 1 < 0.1 < 1	62.1 <0.5 0.14 2.6 <0.1 <1
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Bi ug/L as B	Metals  14.3  < 0.5  < 0.1  2.5  < 0.1  < 1  < 50	39 39 39 39 39 39 39 39	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50	36.2 < 0.5 0.13 3.3 < 0.1 < 1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50	25 25 25 25 25 25 25 25	4.5 < 0.5 < 0.1 < 1 < 0.1 < 1 < 50	62.1 <0.5 0.14 2.6 <0.1 <1 <50
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Bi ug/L as B ug/L as B	Metals  14.3  < 0.5  < 0.1  2.5  < 0.1  < 1  < 50  < 0.01	39 39 39 39 39 39 39 39 39 39	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50 < 0.01	36.2 < 0.5 0.13 3.3 < 0.1 < 1 < 50 0.057	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50 < 0.01	25 25 25 25 25 25 25 25 25 25	4.5 < 0.5 < 0.1 < 1 < 0.1 < 1 < 50 < 0.01	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Bi ug/L as B ug/L as Cd mg/L as Cd	Metals  14.3  < 0.5  < 0.1  2.5  < 0.1  < 1  < 50  < 0.01  4.02	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50 < 0.01	d by analytic:  36.2 < 0.5 0.13 3.3 < 0.1 < 1 < 50 0.057 4.48	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50 < 0.01 3.49	25 25 25 25 25 25 25 25 25 25 25 25	4.5 < 0.5 < 0.1 < 1 < 0.1 < 1 < 50 < 0.01 2.93	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.93
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as B ug/L as Cd mg/L as Ca ug/L as Ca	Metals  14.3 < 0.5 < 0.1 2.5 < 0.1 < 1 < 50 < 0.01 < 41 < 50 < 0.01 4.02 < 1	39 39 39 39 39 39 39 39 39 39 39	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50 < 0.01 3.45 < 1	d by analytica 36.2 < 0.5 0.13 3.3 < 0.1 < 1 < 50 0.057 4.48 < 1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50 < 0.01 3.49 < 1	25 25 25 25 25 25 25 25 25 25 25 25	4.5 < 0.5 < 0.1 < 1 < 0.1 < 1 < 50 < 0.01 2.93 < 1	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Bi ug/L as B ug/L as Ca mg/L as Ca ug/L as Cr ug/L as Co	Metals  14.3     < 0.5     < 0.1     2.5     < 0.1     < 1     < 50     < 0.01     < 1     < 50     < 0.02	39 39 39 39 39 39 39 39 39 39 39 39 39	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50 < 0.01 3.45 < 1 < 0.2	d by analytica 36.2 < 0.5 0.13 3.3 < 0.1 < 1 < 50 0.057 4.48 < 1 0.34	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50 < 0.01 < 1 < 50 < 0.04 < 0.05	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 < 0.5 < 0.1 < 1 < 0.1 < 50 < 0.01 2.93 < 1 < 0.2	62.1 <0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.93 <1 <0.5
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Be ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca ug/L as Co ug/L as Co	Metals  14.3  < 0.5  < 0.1  2.5  < 0.1  < 1  < 50  < 0.01  < 1  < 50  < 0.01  4.02  < 1  < 0.2  14	39 39 39 39 39 39 39 39 39 39 39 39 39	3.7 <0.5 <0.1 1.3 <0.1 <1 <50 <0.01 3.45 <1 <0.2 6.18	36.2 < 0.5 0.13 3.3 < 0.1 < 1 < 50 0.057 4.48 0.34	2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50 < 0.01 3.49 < 1 < 0.2 10.2	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <0.1 <50 <0.01 2.93 <1 <0.2 3.57	62.1 <0.5 0.14 2.6 <0.1 <50 <0.01 3.93 <1 <0.5 92.7
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper	ug/L as Al 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 Ca ug/L as Co ug/L as Co ug/L as Cu ug/L as Cu	Metals  14.3  < 0.5  < 0.1  2.5  < 0.1  < 1  < 50  < 0.01  4.02  < 1  < 0.2  14  161	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 <0.5 <0.1 1.3 <0.1 <1 <50 <0.01 3.45 <1 <0.2 6.18 60.7	d by analytica 36.2 < 0.5 0.13 3.3 < 0.1 < 1 < 50 0.057 4.48 < 1 0.34 136 371	2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 100 AO	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50 < 0.01 3.49 < 1 < 0.2 176	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <0.1 <50 <0.01 2.93 <1 <0.2 3.57 49.7	62.1 <0.5 0.14 2.6 <0.1 <1 <50 <0.01 3.93 <1 <0.5 92.7 573
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Ca ug/L as Co ug/L as Co ug/L as Cu ug/L as Cu	Metals  14.3  < 0.5  < 0.1  2.5  < 0.1  < 1  < 50  < 0.01  4.02  < 1  < 0.2  14  161  0.37	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50 < 0.01 3.45 < 1 < 0.2 6.18 60.7 < 0.2	d by analytics  36.2  < 0.5  0.13  3.3  < 0.1  < 1  < 50  0.057  4.48  < 1  0.34  136  371  2.2	2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50 < 0.01 3.49 < 1 < 0.2 10.2 176 0.4	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <0.1 <1 <0.01 2.93 <1 <0.01 2.93 <1 <0.00 2.93	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.5 92.7 573 0.99
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Bi ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca ug/L as Co	Metals  14.3     < 0.5     < 0.1     2.5     < 0.1     < 1     < 50     < 0.01     < 1     < 50     < 0.01     4.02     < 1     < 0.2     14     161     0.37     < 2	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50 < 0.01 3.45 < 1 < 0.2 6.18 60.7 < 0.2 < 2	d by analytica 36.2 < 0.5 0.13 3.3 < 0.1 < 1 < 50 0.057 4.48 < 1 0.34 136 371 2.2 < 2	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC	19.3 < 0.5 < 0.1 2 < 0.1 < 50 < 0.01 < 50 < 0.01  3.49 < 1 < 0.2  10.2  176  0.4 < 2	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 49.7 0.2 < 2	62.1 <0.5 0.14 2.6 <0.1 <50 <0.01 3.93 <1 <0.5 92.7 573 0.99 <5
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba 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 Po ug/L as Pb ug/L as Mg	Metals  14.3  < 0.5  < 0.1  2.5  < 0.1  < 1  < 50  < 0.01  4.02  < 1  < 0.2  14  161  0.37  < 2  1.98	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50 < 0.01 3.45 < 1 < 0.2 6.18 60.7 < 0.2 2.1	d by analytic:  36.2 < 0.5 0.13 3.3 < 0.1 < 1 < 50 0.057 4.48 < 1 0.34 136 371 2.2 < 2 2.17	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50 < 0.01 3.49 < 1 < 0.2 10.2 176 0.4 < 2 1.79	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 49.7 0.2 < 2 1.52	62.1 < 0.5 0.14 2.6 < 0.1 < 50 < 0.01 3.93 < 1 < 0.5 92.7 573 0.99 < 5 2.07
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Marganese	ug/L as Al 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 Co ug/L as Co ug/L as Co ug/L as Co ug/L as Pb ug/L as Mg ug/L as Mg	Metals  14.3  < 0.5  < 0.1  2.5  < 0.1  < 50  < 0.01  4.02  < 1  < 10.2  14  161  0.37  < 2  1.98  51.9	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50 < 0.01 3.45 < 1 < 0.2 6.18 60.7 < 0.2 < 1.3 < 1.3	d by analytica 36.2 < 0.5 0.13 3.3 < 0.1 < 10 < 50 0.057 4.48 < 1 0.34 136 371 2.2 < 2 2.17 159	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC	19.3 < 0.5 < 0.1 2 < 0.1 < 50 < 0.01 3.49 < 1 < 0.2 10.2 176 0.4 < 2 1.79 37.7	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 49.7 0.2 <2 8	62.1 < 0.5 0.14 2.6 < 0.1 < 50 < 0.01 3.93 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Ca ug/L as Co ug/L as Co ug/L as Co ug/L as Fe ug/L as Cb ug/L as Mg	Metals  14.3  < 0.5  < 0.1  2.5  < 0.1  < 1  < 50  < 0.01  4.02  < 1  < 1  < 0.2  14  161  0.37  < 2  1.98  51.9  < 0.0019	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50 < 0.01 3.45 < 1 < 0.2 6.18 60.7 < 0.2 < 2 1.73 9.2 < 0.0019	d by analytica 36.2 < 0.5 0.13 3.3 < 0.1 < 1 < 50 0.057 4.48 < 1 0.34 136 371 2.2 < 2 2.17 159 < 0.03	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required	19.3 < 0.5 < 0.1 2 < 0.1 < 15 < 0.01 3.49 < 1 < 0.2 176 0.4 < 2 1.79 37.7 < 0.0019	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 49.7 0.2 <2 1.52 8 <0.0019	62.1 < 0.5 0.14 2.6 < 0.1 < 15 < 0.01 3.93 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Bi ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca 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 Mg ug/L as Mg ug/L as Hg ug/L as Hg ug/L as Hg	Metals  14.3     < 0.5     < 0.1     2.5     < 0.1     < 1     < 50     < 0.01     < 1     < 50     < 0.01     4.02     < 1     < 0.2     14     161     0.37     < 2     1.98     51.9     < 0.0019     < 1	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50 < 0.01 3.45 < 1 < 0.2 6.18 60.7 < 0.2 < 2 1.73 9.2 < 0.0019 < 1	d by analytica  36.2  < 0.5  0.13  3.3  < 0.1  < 1  < 50  0.057  4.48  < 1  0.34  136  371  2.2  < 2  2.17  159  < 0.03  < 1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 0.0 3.49 < 1 < 0.2 10.2 176 0.4 < 2 1.77 < 0.0019 < 1	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 < 0.5 < 0.1 < 1 < 0.1 < 1 < 0.01 2.93 < 1 < 0.2 < 2 1.52 8 < 0.0019 < 1	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Manganese Mercury Molybdenum Nickel	ug/L as Al ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Be ug/L as Bi ug/L as B ug/L as Cd mg/L as Ca ug/L as Co ug/L as Mo	Metals  14.3  <0.5 <0.1  2.5 <0.1  <1 <50 <0.01  4.02 <1 <0.2  14  161  0.37 <2  1.98  51.9  <0.0019 <1 <1	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50 < 0.01 3.45 < 0.2 6.18 60.7 < 0.2 2.1 1.73 9.2 < 0.0019 < 1 < 1	d by analytic:  36.2 <0.5 0.13 3.3 <0.1 <1 <50 0.057 4.48 <11 0.34 136 371 2.2 <2 2.17 159 <0.03 <1 <1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required	19.3 < 0.5 < 0.1 2 < 0.1 < 50 < 0.01 3.49 < 1 < 0.2 10.2 176 0.4 < 2 1.79 37.7 < 0.001 < 1 < 1 < 1 < 1 < 1 < 1 < 1 <	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 49.7 0.2 2 2 1.52 8 < 0.0019 < 1	62.1 < 0.5 0.14 2.6 < 0.1 < 50 < 0.01 3.93 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 < 1
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium	ug/L as Al 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 Co ug/L as Hg ug/L as Mn ug/L as Mn ug/L as Mo ug/L as Mo ug/L as Mo	Metals  14.3  <0.5 <0.1 2.5 <0.1 <1 <50 <0.01 4.02 <1 <0.2 14 161 0.37 <22 1.98 51.9 <0.0019 <1 0.394	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 50 < 0.01 3.45 < 1 < 0.2 6.18 60.7 < 0.2 2.1.73 9.2 < 0.0019 < 1 < 1 < 0.303	d by analytica 36.2 < 0.5 0.13 3.3 < 0.1 < 10 < 50 0.057 4.48 < 1 0.34 136 371 2.2 < 2 2.17 159 < 0.03 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50 < 0.01 3.49 < 1 < 0.2 10.2 176 0.4 < 2 1.79 37.7 < 0.0019 < 1 < 1 < 1 < 1 < 0.2 < 0.3 < 0.3	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <0.1 <50 <0.01 2.93 <1 <0.2 3.57 49.7 0.2 2 1.52 8 <0.0019 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	62.1 <0.5 0.14 2.6 <0.1 <50 <0.01 3.93 <1 <0.5 92.7 573 0.99 2.07 208 0.0032 <1 <1 0.397
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Cr ug/L as Co ug/L as Co ug/L as Co ug/L as Fe ug/L as Co ug/L as Fe ug/L as Mg ug/L as Mg ug/L as Mo ug/L as Mo ug/L as Mi	Metals  14.3  < 0.5 < 0.1  2.5 < 0.1 < 1 < 50 < 0.01  4.02 < 1 < 0.2 14  161 0.37 < 2 1.98 51.9 < 0.0019 < 1 0.394 < 0.1	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 150 < 0.01 3.45 < 1 < 0.2 6.18 60.7 < 0.2 < 2 1.73 9.2 < 0.0019 < 1 0.303 < 0.1	d by analytica  36.2  <0.5  0.13  3.3  <0.1  <10  <50  0.057  4.48  <1  0.34  136  371  2.2  <2  2.17  159  <0.03  <1  <10  <459  <0.1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required	19.3 < 0.5 < 0.1 2 < 0.1 < 50 < 0.01 3.49 < 1 < 0.2 176 0.4 < 2 1.79 37.7 < 0.0019 < 1 < 1 0.342 < 0.1	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 49.7 0.2 <2 1.52 8 <0.0019 <1 <1 <0.2 <2 0.01 <1 <0.2 <2 0.01 <0.2 <2 0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <	62.1 < 0.5 0.14 2.6 < 0.1 < 1 < 50 < 0.01 3.93 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 0.397 < 0.1
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Selenium	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Bi ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Cd mg/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 Bi ug/L as Bi ug/L as Bi ug/L as Mg ug/L as Mg ug/L as Mn ug/L as Mn ug/L as Mi mg/L as Ki mg/L as Si	Metals  14.3  <0.5 <0.1 2.5 <0.1 <1 <50 <0.01 4.02 <1 <0.2 14 161 0.37 <22 1.98 51.9 <0.0019 <1 0.394	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 50 < 0.01 3.45 < 1 < 0.2 6.18 60.7 < 0.2 2.1.73 9.2 < 0.0019 < 1 < 1 < 0.303	d by analytica 36.2 < 0.5 0.13 3.3 < 0.1 < 10 < 50 0.057 4.48 < 1 0.34 136 371 2.2 < 2 2.17 159 < 0.03 < 1 < 1 < 1 < 1 < 1 < 1 < 1 < 1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50 < 0.01 3.49 < 1 < 0.2 10.2 176 0.4 < 2 1.79 37.7 < 0.0019 < 1 < 1 < 1 < 1 < 0.2 < 0.3 < 0.3	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <0.1 <50 <0.01 2.93 <1 <0.2 3.57 49.7 0.2 2 1.52 8 <0.0019 <1 <1 <1 <1 <1 <1 <1 <1 <1 <1	62.1 <0.5 0.14 2.6 <0.1 <50 <0.01 3.93 <1 <0.5 92.7 573 0.99 2.07 208 0.0032 <1 <1 0.397
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Cr ug/L as Co ug/L as Co ug/L as Co ug/L as Fe ug/L as Co ug/L as Fe ug/L as Mg ug/L as Mg ug/L as Mo ug/L as Mo ug/L as Mi	Metals  14.3  < 0.5 < 0.1  2.5 < 0.1 < 1 < 50 < 0.01  4.02 < 1 < 0.2 14  161 0.37 < 2 1.98 51.9 < 0.0019 < 1 0.394 < 0.1	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 150 < 0.01 3.45 < 1 < 0.2 6.18 60.7 < 0.2 < 2 1.73 9.2 < 0.0019 < 1 0.303 < 0.1	d by analytica  36.2  <0.5  0.13  3.3  <0.1  <10  <50  0.057  4.48  <1  0.34  136  371  2.2  <2  2.17  159  <0.03  <1  <10  <459  <0.1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	19.3 < 0.5 < 0.1 2 < 0.1 < 50 < 0.01 3.49 < 1 < 0.2 176 0.4 < 2 1.79 37.7 < 0.0019 < 1 < 1 0.342 < 0.1	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 49.7 0.2 <2 1.52 8 <0.0019 <1 <1 <0.2 <2 0.01 <1 <0.2 <2 0.01 <0.2 <2 0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <	62.1 < 0.5 0.14 2.6 < 0.1 < 15 < 0.01 3.93 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 < 1 0.397 < 0.1
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Selenium	ug/L as Al ug/L as Sb ug/L as As ug/L as Ba ug/L as Bi ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Cd mg/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 Bi ug/L as Bi ug/L as Bi ug/L as Mg ug/L as Mg ug/L as Mn ug/L as Mn ug/L as Mi mg/L as Ki mg/L as Si	Metals  14.3  < 0.5  < 0.1  2.5  < 0.1  < 50  < 0.01  4.02  < 1  < 10.37  < 2  1.98  51.9  < 0.0019  < 1  0.394  < 0.1  1170	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1.5 < 0.01 3.45 < 1 < 0.2 6.18 60.7 < 0.2 < 2 1.73 9.2 < 0.0019 < 1 0.303 < 0.1 695	d by analytica  36.2  < 0.5  0.13  3.3  < 0.1  < 1  < 50  0.057  4.48  < 1  0.34  136  371  2.2  < 2  2.17  159  < 0.03  < 1  < 1  0.459  < 0.1  1930	2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC No Guideline Required 120 MAC/ ≤ 20 AO	19.3 < 0.5 < 0.1 2 < 0.1 < 50 < 0.01 3.49 < 1 < 0.2 176 0.4 < 2 1.79 < 0.0019 < 1 < 1 0.342 < 0.01 < 1 < 0.01	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 2.93 <1 <0.2 49.7 0.2 <2 1.52 8 <0.0019 <1 <1 <0.04 40.01 <0.04 40.01 <0.05 <0.01 4	62.1 < 0.5 0.14 2.6 < 0.1 < 15 < 0.01 3.93 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 < 1 1 2 2 3 2 4 4 4 5 4 5 5 5 5 6 6 7 8 7 8 8 9 9 9 9 9 9 9 9 9 9 9 9 9
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver	ug/L as Al ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Be ug/L as Bi ug/L as Bi ug/L as Ca mg/L as Ca ug/L as Co ug/L as Mo ug/L as Ko ug/L as Si ug/L as Se mg/L as Se	Metals  14.3	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50 < 0.01 3.45 < 1 < 0.2 6.18 60.7 < 0.2 < 2 1.73 9.2 < 0.0019 < 1 < 1 < 0.303 < 0.1 < 0.1 < 0.0 < 0	d by analytic:  36.2 < 0.5 0.13 3.3 < 0.1 < 1 < 50 0.057 4.48 < 1 0.34 136 371 2.2 < 2 2.17 159 < 0.03 < 1 < 1 0.459 < 0.1 1930 < 0.02	2900 MAC / 100 OG 6 MAC 10 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC 2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC No Guideline Required 120 MAC / ≤ 20 AO	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50 < 0.01 3.49 < 1 < 0.2 10.2 176 0.4 < 2 1.79 37.7 < 0.0019 < 1 0.342 < 0.1 1540 < 0.02	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 49.7 0.2 < 2 1.52 8 < 0.0019 < 1 < 1 40.241 < 0.241 < 0.244 < 0.241	62.1 < 0.5 0.14 2.6 < 0.1 < 50 < 0.01 3.93 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 < 1 2.6 < 0.1 2.6 0.01 3.93 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 < 1 < 1 < 0.05 0.0032 < 1 < 1 < 0.0032 < 0.0032
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium	ug/L as Al 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 Co ug/L as Fe ug/L as Mo ug/L as Mn ug/L as Mn ug/L as K ug/L as K ug/L as K ug/L as Si ug/L as Si ug/L as Si ug/L as Ag mg/L as Ag	Metals  14.3  <0.5 <0.1 2.5 <0.1 <1 <50 <0.01 4.02 <1 4.02 <1 4.02 14 161 0.37 <22 1.98 51.9 <0.0019 <1 0.394 <0.1 1170 <0.02 10.2	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7	d by analytic:  36.2 < 0.5 0.13 3.3 < 0.1 < 1 < 50 0.057 4.48 < 1 0.34 136 371 2.2 < 2 2.17 159 < 0.03 < 1 < 1 0.459 < 0.1 1930 < 0.02 12.1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	19.3 < 0.5 < 0.1 2 < 0.1 < 50 < 0.01 3.49 < 1 < 0.2 10.2 176 0.4 < 2 1.79 37.7 < 0.0019 < 1 < 1 < 0.342 < 0.1 1540 < 0.2 1540 < 0.3 1540 < 0.3 1540	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 49.7 0.2 1.52 8 <0.0019 <1 <1 <0.241 <0.1 40.2	62.1 <0.5 0.14 2.6 <0.1 <150 <0.01 3.93 <1 <0.5 92.7 573 0.99 <5 2.07 208 0.0032 <1 <1 0.397 <0.1 2860 <0.02 11.4
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium	ug/L as Al ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Co ug/L as Ci ug/L as Ci ug/L as Ci ug/L as Mg ug/L as Mg ug/L as Mn ug/L as Mi mg/L as Mi mg/L as Ki mg/L as Si ug/L as Si ug/L as Si ug/L as Na ug/L as Si ug/L as Si ug/L as Si ug/L as Si	Metals  14.3 < 0.5 < 0.1 2.5 < 0.1 < 1 < 50 < 0.01 4.02 < 1 161 0.37 < 2 1.98 51.9 < 0.0019 < 1 0.394 < 0.1 1170 < 0.02 10.2 16.4 < 3	\$ (ND means 39 39 39 39 39 39 39 39 39 39 39 39 39	3.7 <0.5 <0.1 1.3 <0.1 <150 <0.01 3.45 <1 <0.2 6.18 60.7 <0.2 <2 1.73 9.2 <0.0019 <1 0.303 <0.1 695 <0.02 8.61 14.6 <3	d by analytica  36.2  <0.5  0.13  3.3  <0.1  <10  <50  0.057  4.48  <1  0.34  136  371  2.2  <2  2.17  159  <0.03  <1  0.459  <0.1  1930  <0.02  12.1  18.5  <3	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	19.3 < 0.5 < 0.1 2 < 0.1 < 50 < 0.01 3.49 < 1 < 0.2 176 0.4 < 2 1.2 1.76 0.4 < 2 1.02 1.76 0.4 < 2 1.02 1.76 0.4 < 2 1.02 1.02 1.02 1.02 1.03 < 1 < 1 < 0.01 < 1 < 0.01 < 1 < 0.01 < 1 < 0.02 1.03 < 0.01 < 1 < 0.01 < 1 < 0.02 1.03 < 0.01 < 1 < 0.01 < 1 < 0.02 1.03 < 0.03 < 0	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 49.7 0.2 <2 1.52 8 <0.0019 <1 <1 <0.2 41 <0.1 <1 <0.2 <2 1.52 8 <0.001 <1 <1 <0.2 <2 1.52 <1 <0.2 <2 <1 <0.2 <2 <1 <0.2 <1 <0.2 <2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <1 <0.2 <0.2 <1 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2 <0.2	62.1 < 0.5 0.14 2.6 < 0.1 < 15 < 0.01 3.93 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 < 1 0.397 < 0.1 2860 < 0.01 4.1 4.1 4.6 4.6
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Chromium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Sulfur Thallium	ug/L as Al ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Bi ug/L as Bi ug/L as Ca mg/L as Ca ug/L as Co ug/L as Fe ug/L as Mg ug/L as Mn ug/L as Mn ug/L as Ms ug/L as Mo ug/L as Ni mg/L as K ug/L as Sc	Metals  14.3	\$ (ND means 39 39 39 39 39 39 39 39 39 39 39 39 39	3.7 < 0.5 < 0.1 1.3 < 0.1 < 1 < 50 < 0.01 < 1 < 50 < 0.01 3.45 < 1 < 0.2 6.18 60.7 < 0.2 < 2 1.73 9.2 < 0.0019 < 1 < 1 0.303 < 0.1 < 1 < 0.2 < 0.00 1 < 1 < 0.2 < 0.00 < 0.00	d by analytica  36.2  < 0.5  0.13  3.3  < 0.1  < 10  < 50  0.057  4.48  < 1  0.34  136  371  2.2  < 2  2.17  159  < 0.03  < 1  < 1  0.459  < 0.1  1930  < 0.02  12.1  18.5  < 3  < 0.01	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	19.3 < 0.5 < 0.1 2 < 0.1 2 < 0.1 < 150 < 0.01 3.49 < 1 < 0.2 176 0.4 < 2 1.79 37.7 < 0.0019 < 1 0.342 < 0.1 1540 < 0.02 9.57 14.4 < 3 < 0.01	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 < 0.5 < 0.1 < 1 < 50 < 0.01 2.93 < 1 < 0.2 3.57 49.7 0.2 < 2 1.52 8 < 0.0019 < 1 < 1 < 4.0 < 2 < 1.52 < 2 < 2 < 2 < 2 < 3.57 < 3.57 < 3.57 < 4.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 7.0 < 7.0	62.1 < 0.5 0.14 2.6 < 0.1 < 50 < 0.01 3.93 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 < 1 0.397 < 0.1 2860 < 0.02 11.4 16.4 < 0.05
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium Sulfur Thallium	ug/L as Al ug/L as Sb ug/L as Ba 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 ug/L as Mo ug/L as Mn ug/L as Mn ug/L as Ni mg/L as Ni mg/L as Sc mg/L as Sc ug/L as Sa	Metals  14.3	\$ (ND means 139 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7	d by analytic:  36.2 < 0.5 0.13 3.3 < 0.1 < 1 < 50 0.057 4.48 < 1 0.34 136 371 2.2 < 2 2.17 159 < 0.03 < 1 < 1 0.459 < 0.1 1930 < 0.02 12.1 18.5 < 3 < 0.01 < 5	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	19.3 < 0.5 < 0.1 2 < 0.1 2 < 0.1 < 50 < 0.01 3.49 < 1 < 0.2 10.2 176 0.4 < 2 1.79 37.7 < 0.0019 < 1 0.342 < 0.1 1540 < 0.02 9.57 14.4 < 3 < 0.01 < 5	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 49.7 0.2 1.52 8 <0.001 <1 0.241 <0.1 408 <0.02 7.22 12.3 <3 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	62.1 <0.5 0.14 2.6 <0.1 <10 <50 <0.01 3.93 <10.5 92.7 573 0.99 <5 2.07 208 0.0032 <1 <1 0.397 <0.1 41 4.6 4.6 <0.05 <0.05 <0.001 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0.002 <0
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium Sulfur Thallium Tin	ug/L as Al 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 Co ug/L as Fe ug/L as Mn ug/L as Mn ug/L as Mn ug/L as Mn ug/L as Ni mg/L as K ug/L as Se mg/L as Si ug/L as Ag mg/L as Na ug/L as Na ug/L as Sr mg/L as Sr mg/L as Sr ug/L as Sn ug/L as Sn ug/L as Sn	Metals  14.3  <0.5 <0.1 2.5 <0.1 <10.1 <50 <0.01 4.02 <1 4.02 14 161 0.37 <22 1.98 51.9 <0.0019 <1 0.394 <0.1 1170 <0.02 16.4 <3 <0.01 <5 <5 <5	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7	d by analytic:  36.2 <0.5 0.13 3.3 <0.1 <10 <50 0.057 4.48 <11 0.34 136 371 2.2 <2 2.17 159 <0.03 <1 <1 0.459 <0.1 1930 <0.02 12.1 18.5 <3 <0.01 <5 <5	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO  50 MAC	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50 < 0.01 3.49 < 1 < 0.2 10.2 176 0.4 < 2 1.79 37.7 < 0.0019 < 1 < 1 < 0.342 < 0.1 1540 < 0.02 154 < 0.05 < 0.01 < 0.05 < 0	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 49.7 0.2 2 2 1.52 8 <0.0019 <1 <1 <0.241 <0.1 408 <0.002 7.22 12.3 <3 <0.01 <0.01 <0.01 <0.01 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.02 <0.02 <0.02 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0	62.1 <0.5 0.14 2.6 <0.1 <50 <0.01 3.93 <1 <0.5 92.7 573 0.99 0.0032 <1 <1 0.397 <0.1 2860 <0.02 11.4 4.6 <0.05 <0.5 <0.01 <0.05 <0.05 <0.01 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.00 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium Sulfur Thallium Tin Titanium Uranium	ug/L as Al ug/L as Sb ug/L as Ba ug/L as Ba ug/L as Ba ug/L as Bi ug/L as Bi ug/L as Cd mg/L as Cd mg/L as Co ug/L as Mn ug/L as Mn ug/L as Mn ug/L as Mn ug/L as Mo ug/L as Ni mg/L as Se mg/L as Se mg/L as Se mg/L as Si ug/L as Sr mg/L as Si ug/L as Si	Metals  14.3	\$ (ND means 39 39 39 39 39 39 39 39 39 39 39 39 39	3.7 <0.5 <0.1 1.3 <0.1 <10.5 <0.01 3.45 <1 <0.2 6.18 60.7 <0.2 <2 1.73 9.2 <0.0019 <1 <1 0.303 <0.1 695 <0.02 8.61 14.6 <3 <0.01 <55 <0.01	d by analytic:  36.2 <0.5 0.13 3.3 <0.1 <10 <50 0.057 4.48 <1 0.34 136 371 2.2 <2 2.17 159 <0.03 <1 <1 0.459 <0.1 1930 <0.02 12.1 18.5 <3 <0.01 <5 <5 <0.1	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO	19.3 <0.5 <0.1 2 <0.1 <50 <0.01 3.49 <1 <0.2 176 0.4 <2 1.79 37.7 <0.0019 <1 <1 0.342 <0.1 1540 <0.01 <1540 <0.01 <1540 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.0	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 49.7 0.2 <2 2 1.52 8 <0.0019 <1 <1 <0.1 <40 <0.01 <1 <0.01 <1 <0.01 <1 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01 <0.01	62.1 < 0.5 0.14 2.6 < 0.1 < 50 < 0.01 3.93 < 1 < 0.5 92.7 573 0.99 < 5 2.07 208 0.0032 < 1 0.397 < 0.1 2860 < 0.05 < 5 < 0.05 < 0.05 < 0.01
Aluminum Antimony Arsenic Barium Beryllium Bismuth Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Lithium Magnesium Manganese Mercury Molybdenum Nickel Potassium Selenium Silicon Silver Sodium Strontium Sulfur Thallium Tin	ug/L as Al 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 Co ug/L as Fe ug/L as Mn ug/L as Mn ug/L as Mn ug/L as Mn ug/L as Ni mg/L as K ug/L as Se mg/L as Si ug/L as Ag mg/L as Na ug/L as Na ug/L as Sr mg/L as Sr mg/L as Sr ug/L as Sn ug/L as Sn ug/L as Sn	Metals  14.3	39 39 39 39 39 39 39 39 39 39 39 39 39 3	3.7	d by analytic:  36.2 <0.5 0.13 3.3 <0.1 <10 <50 0.057 4.48 <11 0.34 136 371 2.2 <2 2.17 159 <0.03 <1 <1 0.459 <0.1 1930 <0.02 12.1 18.5 <3 <0.01 <5 <5	al method used)  2900 MAC / 100 OG 6 MAC 10 MAC 1000 MAC 5000 MAC 5 MAC No Guideline Required 50 MAC  2000 MAC / ≤ 1000 AO ≤ 100 AO 5 MAC  No Guideline Required 120 MAC / ≤ 20 AO  50 MAC	19.3 < 0.5 < 0.1 2 < 0.1 < 1 < 50 < 0.01 3.49 < 1 < 0.2 10.2 176 0.4 < 2 1.79 37.7 < 0.0019 < 1 < 1 < 0.342 < 0.1 1540 < 0.02 154 < 0.05 < 0.01 < 0.05 < 0	25 25 25 25 25 25 25 25 25 25 25 25 25 2	4.5 <0.5 <0.1 <1 <50 <0.01 2.93 <1 <0.2 3.57 49.7 0.2 2 2 1.52 8 <0.0019 <1 <1 <0.241 <0.1 408 <0.002 7.22 12.3 <3 <0.01 <0.01 <0.01 <0.01 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.01 <0.02 <0.02 <0.02 <0.02 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0.03 <0	62.1 <0.5 0.14 2.6 <0.11 <50 <0.01 3.93 <1 <0.5 92.7 573 0.99 0.0032 <1 <1 0.397 <0.1 2860 <0.02 11.4 4.6 <0.05 <5 <0.01 <0.05 <0.05 <0.05 <0.07 <0.05 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.07 <0.