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Professional
Analytical
Services

Complete Inorganic Chemistry Report of Analysis

Date Collected: 07/15/22	System Group Type: <input checked="" type="checkbox"/> A <input type="checkbox"/> B <input type="checkbox"/> Other:
Water System ID Number: 28300Y	System Name: CITY OF GOLD BAR
Lab--Sample No: 066--11933	County: SNOHOMISH
Sample Location: 715 CROFT AVE W.	Source Number(s): S04/S03
Sample Purpose: (Check Appropriate Box) <input checked="" type="checkbox"/> Routine/Compliance (satisfies monitoring requirements) <input type="checkbox"/> Confirmation (confirmation of chemical result) <input type="checkbox"/> Investigative (does not satisfy monitoring requirements) <input type="checkbox"/> Other (specify)	Date Received: 7/15/22 Date Reported: 8/ 4/22 Comments:
Sample Composition: (Check Appropriate Box) <input type="checkbox"/> Single Source <input type="checkbox"/> Blended (List Multiple Source Numbers in Source Nos. field) <input type="checkbox"/> Composite (Specify in Comments Field) <input checked="" type="checkbox"/> Distribution Sample	Sample Type: (Check One) <input type="checkbox"/> Pre-Treatment/Raw <input checked="" type="checkbox"/> Post-Treatment/Finished <input type="checkbox"/> Unknown Sample Collected by: RICHARD BAKER Phone Number: 425-238-1935
Send Report To: CITY OF GOLD BAR Attention: RICHARD BAKER 107 5TH ST. GOLD BAR, WA 98251	Bill To: RICHARD BAKER 107 5TH ST. GOLD BAR, WA 98251

ANALYTICAL RESULTS

DOH#	ANALYTE	DATA QUALIFIER	RESULTS	SDRL	TRIGGER	MCL	UNITS	EXCEEDS MCL (X if Yes)	DATE ANALYZED	METHOD /INITIALS
0004	Arsenic		0.0050	0.0001	0.01	0.01	mg/l		7/15/22	EPA 200.8 /AY
0005	Barium		0.012	0.0003	2	2	mg/l		7/15/22	EPA 200.8 /AY
0006	Cadmium		ND	0.0001	0.005	0.005	mg/l		7/15/22	EPA 200.8 /AY
0007	Chromium		0.00094	0.0005	0.1	0.1	mg/l		7/15/22	EPA 200.8 /AY
0011	Mercury		ND	0.0001	0.002	0.002	mg/l		7/22/22	EPA 245.1 /MD
0012	Selenium		ND	0.001	0.05	0.05	mg/l		7/15/22	EPA 200.8 /AY
0110	Beryllium		ND	0.0003	0.004	0.004	mg/l		7/15/22	EPA 200.8 /AY
0111	Nickel		ND	0.0003	--	--	mg/l		7/15/22	EPA 200.8 /AY
0112	Antimony		ND	0.0003	0.006	0.006	mg/l		7/15/22	EPA 200.8 /AY
0113	Thallium		ND	0.0002	0.002	0.002	mg/l		7/15/22	EPA 200.8 /AY
0116	Total Cyanide		ND	0.005	0.2	0.2	mg/l		7/28/22	SM 4500CN-E99 /MD
0019	Fluoride		ND	0.2	2	4	mg/l		7/15/22	EPA 300.0 /AY
0114	Nitrite		ND	0.1	0.5	1	mg/l		7/15/22	EPA 300.0 /AY
0020	Nitrate		ND	0.5	5	10	mg/l		7/15/22	EPA 300.0 /AY
0161	Total Nitrate + Nitrite		ND	0.5	5	10	mg/l			EPA 300.0 /

DOH#	ANALYTE	DATA QUALIFIER	RESULTS	SDRA B	TRIGGER T	MCLR I	UNITS	EXCEEDS MCL (X if Yes)	DATE ANALYZED	METHOD /INITIALS
0008	Iron		0.054	0.03	--	0.3	mg/l		7/25/22	EPA 200.7 /CM
0010	Manganese		0.0072	0.0003	--	0.05	mg/l		7/15/22	EPA 200.8 /AY
0013	Silver		ND	0.0002	--	0.1	mg/l		7/15/22	EPA 200.8 /AY
0021	Chloride		21.	2	--	250	mg/l		7/25/22	EPA 300.0 /AY
0022	Sulfate		4.7	2	--	250	mg/l		7/15/22	EPA 300.0 /AY
0024	Zinc		0.0050	0.0005	--	5	mg/l		7/15/22	EPA 200.8 /AY
0014	Sodium		24.	0.2	--	--	mg/l		7/25/22	EPA 200.7 /CM
0015	Hardness (CaCO3)		43.	10	--	--	mg/l		7/25/22	EPA 200.7 calc /CM
0016	Conductivity		220	70	--	700	umhos/cm		7/18/22	SM 2510B /NO
0017	Turbidity		0.59	0.1	--	--	NTU		7/18/22	EPA 180.1 /NO
0018	Color		ND	15	--	15	unit		7/18/22	SM 2120 B /NO
0026	Total Dissolved Solids		110	100	--	500	mg/l		7/18/22	SM 2540C /FG
0009	Lead		ND	0.0005	--	--	mg/l		7/15/22	EPA 200.8 /AY
0023	Copper		0.0041	0.0005	--	--	mg/l		7/15/22	EPA 200.8 /AY
0409	pH		6.1		--	--	unit		7/18/22	SM 4500H B /NO

NOTES:

*Confirmation: Include the original lab number, sample number, and collection date of original sample in either comment section.

--No existing trigger or MCL.

Secondary MCL (Established for aesthetic purposes, not health based).

ANALYTE: The name of the analyte being tested for.

DATA QUALIFIER A symbol or letter to denote additional information about the result.

DOH#: Department assigned analyte number.

EXCEEDS MCL (Maximum Contaminant Level): Marked if the contaminant amount exceeds the MCL under chapters 246-290 and 246-291

WAC. Please contact the department's drinking water regional office in your area to determine follow-up actions.

METHOD/INITIALS: Analytical method used. /Initials of the analyst that performed the analysis.

mg/L: milligrams per liter or parts per million.

NTU: milligrams per liter or parts per million.

RESULT: The laboratory reported result.

SDRL (State Detection Reporting Level): The minimum reportable detection of an analyte as established by the department.

TRIGGER: The department's drinking water response level. Systems with contaminations detected at concentrations in excess of this level may be required to take additional samples or monitor more frequently. Please contact the department's drinking water regional office in your area for further information.

ND (Not Detected): In the results column indicates this compound was analyzed and not detected at a level greater than or equal to the SDRL.

Reviewed By: AM