

Report of Analysis

Client:	APTIM	Date Collected:	02/27/25
Project:	NSFIH - Indian Head - 502082.01020000	Date Received:	03/11/25
Client Sample ID:	ISB878MW05	SDG No.:	Q1543
Lab Sample ID:	Q1543-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	841	N	1	28.3	50.0	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-39-3	Barium	165		1	6.28	50.0	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-41-7	Beryllium	0.40	J	1	0.13	3.00	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-70-2	Calcium	27500		1	33.0	1000	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-47-3	Chromium	1.42	J	1	0.66	5.00	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-48-4	Cobalt	14.5	J	1	0.50	15.0	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-50-8	Copper	7.07	U	1	7.07	10.0	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7439-89-6	Iron	3290	N	1	18.5	50.0	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7439-95-4	Magnesium	16400		1	39.4	1000	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7439-96-5	Manganese	143	N	1	1.46	10.0	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-02-0	Nickel	7.44	J	1	0.85	20.0	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-09-7	Potassium	2280		1	685	1000	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-23-5	Sodium	140000		1	237	1000	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-62-2	Vanadium	3.55	J	1	3.06	20.0	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010
7440-66-6	Zinc	18.1	J	1	1.75	20.0	ug/L	03/13/25 10:30	03/17/25 15:52	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals ICP-TAL			

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 D = Dilution
 Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 * = indicates the duplicate analysis is not within control limits.
 E = Indicates the reported value is estimated because of the presence of interference.
 OR = Over Range
 N = Spiked sample recovery not within control limits