

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/15/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/16/25
Client Sample ID:	TAPIAL1-MW04S-011525-00-T2	SDG No.:	Q1109
Lab Sample ID:	Q1109-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	453	N	1	1.98	10.0	20.0	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-36-0	Antimony	0.25	U	1	0.11	0.25	2.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-38-2	Arsenic	0.75	JN	1	0.090	0.25	1.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-39-3	Barium	27.7	N	1	0.30	1.25	10.0	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-41-7	Beryllium	0.19	JN	1	0.16	0.25	1.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-43-9	Cadmium	0.50	UN	1	0.30	0.50	1.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-70-2	Calcium	11200	N	1	62.5	190	500	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-47-3	Chromium	1.58	JN	1	0.40	0.75	2.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-48-4	Cobalt	21.4		1	0.062	0.25	1.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-50-8	Copper	5.61		1	0.40	1.50	2.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
Hardness	Hardness, Total	43000		1	266	1260	3310	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7439-89-6	Iron	665	N	1	9.60	25.0	50.0	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7439-92-1	Lead	0.89	J	1	0.11	0.75	1.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7439-95-4	Magnesium	3650		1	26.6	190	500	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7439-96-5	Manganese	313		1	0.24	0.75	1.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7439-97-6	Mercury	0.16	UN	1	0.081	0.16	0.20	ug/L	01/16/25 14:40	01/17/25 12:42	SW7470A	
7440-02-0	Nickel	13.1		1	0.18	0.25	1.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-09-7	Potassium	977	N	1	46.1	190	500	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7782-49-2	Selenium	4.50	U	1	1.38	4.50	5.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-22-4	Silver	0.50	UN*	1	0.077	0.50	1.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-23-5	Sodium	15200	N	1	85.8	190	500	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-28-0	Thallium	0.090	J	1	0.085	0.50	1.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-62-2	Vanadium	2.50	JN	1	0.072	0.25	5.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A
7440-66-6	Zinc	5.94		1	0.56	1.50	5.00	ug/L	01/22/25 10:05	01/27/25 19:10	SW6020	3010A

Color Before: Colorless

Clarity Before: Clear

Texture:

Color After: Colorless

Clarity After: Clear

Artifacts:

Comments: METALS-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