

Hit Summary Sheet SW-846

SDG No.: Q1193

Order ID: Q1193

Client: Weston Solutions

Project ID: Ft Meade Tipton Airfield Parcel RI - PO 01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TAPIAL3-MW04S-012425-00-T3									
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Aluminum	76.3		1.98	10.0	20.0	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Antimony	0.25	J	0.11	0.25	2.00	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Arsenic	4.83		0.090	0.25	1.00	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Barium	161		0.30	1.25	10.0	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Beryllium	0.22	J	0.16	0.25	1.00	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Calcium	64900		62.5	190	500	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Cobalt	76.3		0.062	0.25	1.00	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Copper	0.68	J	0.40	1.50	2.00	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Iron	22900		9.60	25.0	50.0	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Lead	0.69	J	0.11	0.75	1.00	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Magnesium	7780		26.6	190	500	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Manganese	2050		0.24	0.75	1.00	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Nickel	74.3		0.18	0.25	1.00	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Potassium	2860		46.1	190	500	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Sodium	2340		85.8	190	500	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Thallium	0.28	J	0.085	0.50	1.00	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Vanadium	0.43	J	0.072	0.25	5.00	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Zinc	1350		0.56	1.50	5.00	ug/L
Q1193-01	TAPIAL3-MW04S-012425-00-T	Water	Hardness, Total	194000		266	1260	3310	ug/L
Client ID : TAPIAL2-MW01-012425-00-T2									
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Aluminum	172		1.98	10.0	20.0	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Antimony	0.13	J	0.11	0.25	2.00	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Arsenic	3.67		0.090	0.25	1.00	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Barium	41.0		0.30	1.25	10.0	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Calcium	33800		62.5	190	500	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Chromium	1.08	J	0.40	0.75	2.00	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Cobalt	0.49	J	0.062	0.25	1.00	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Copper	0.47	J	0.40	1.50	2.00	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Iron	18900		9.60	25.0	50.0	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Lead	0.31	J	0.11	0.75	1.00	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Magnesium	2330		26.6	190	500	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Manganese	159		0.24	0.75	1.00	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Nickel	0.95	J	0.18	0.25	1.00	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Potassium	1790		46.1	190	500	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Sodium	56200		85.8	190	500	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Vanadium	1.09	J	0.072	0.25	5.00	ug/L
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Zinc	1.02	J	0.56	1.50	5.00	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q1193

Order ID: Q1193

Client: Weston Solutions

Project ID: Ft Meade Tipton Airfield Parcel RI - PO 01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Q1193-02	TAPIAL2-MW01-012425-00-T2	Water	Hardness, Total	94000		266	1260	3310	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/24/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/25/25
Client Sample ID:	TAPIAL3-MW04S-012425-00-T3	SDG No.:	Q1193
Lab Sample ID:	Q1193-01	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	76.3	N*	1	1.98	10.0	20.0	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-36-0	Antimony	0.25	J	1	0.11	0.25	2.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-38-2	Arsenic	4.83	N	1	0.090	0.25	1.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-39-3	Barium	161		1	0.30	1.25	10.0	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-41-7	Beryllium	0.22	J	1	0.16	0.25	1.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-43-9	Cadmium	0.50	U	1	0.30	0.50	1.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-70-2	Calcium	64900	N	1	62.5	190	500	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-47-3	Chromium	0.75	U	1	0.40	0.75	2.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-48-4	Cobalt	76.3		1	0.062	0.25	1.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-50-8	Copper	0.68	J	1	0.40	1.50	2.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
Hardness	Hardness, Total	194000		1	266	1260	3310	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7439-89-6	Iron	22900	N	1	9.60	25.0	50.0	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7439-92-1	Lead	0.69	J	1	0.11	0.75	1.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7439-95-4	Magnesium	7780		1	26.6	190	500	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7439-96-5	Manganese	2050		1	0.24	0.75	1.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	01/28/25 09:25	01/28/25 13:30	SW7470A	
7440-02-0	Nickel	74.3		1	0.18	0.25	1.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-09-7	Potassium	2860	N	1	46.1	190	500	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7782-49-2	Selenium	4.50	U	1	1.38	4.50	5.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-22-4	Silver	0.50	UN	1	0.077	0.50	1.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-23-5	Sodium	2340	N	1	85.8	190	500	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-28-0	Thallium	0.28	J	1	0.085	0.50	1.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-62-2	Vanadium	0.43	J	1	0.072	0.25	5.00	ug/L	01/27/25 14:15	02/06/25 17:53	SW6020	3010A
7440-66-6	Zinc	1350		1	0.56	1.50	5.00	ug/L	01/27/25 14:15	02/06/25 17:53	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

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/24/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/25/25
Client Sample ID:	TAPIAL2-MW01-012425-00-T2	SDG No.:	Q1193
Lab Sample ID:	Q1193-02	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	172	N*	1	1.98	10.0	20.0	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-36-0	Antimony	0.13	J	1	0.11	0.25	2.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-38-2	Arsenic	3.67	N	1	0.090	0.25	1.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-39-3	Barium	41.0		1	0.30	1.25	10.0	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-41-7	Beryllium	0.25	U	1	0.16	0.25	1.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-43-9	Cadmium	0.50	U	1	0.30	0.50	1.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-70-2	Calcium	33800	N	1	62.5	190	500	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-47-3	Chromium	1.08	J	1	0.40	0.75	2.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-48-4	Cobalt	0.49	J	1	0.062	0.25	1.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-50-8	Copper	0.47	J	1	0.40	1.50	2.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
Hardness	Hardness, Total	194000		1	266	1260	3310	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7439-89-6	Iron	18900	N	1	9.60	25.0	50.0	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7439-92-1	Lead	0.31	J	1	0.11	0.75	1.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7439-95-4	Magnesium	2330		1	26.6	190	500	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7439-96-5	Manganese	159		1	0.24	0.75	1.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7439-97-6	Mercury	0.16	U	1	0.081	0.16	0.20	ug/L	01/28/25 09:25	01/28/25 13:39	SW7470A	
7440-02-0	Nickel	0.95	J	1	0.18	0.25	1.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-09-7	Potassium	1790	N	1	46.1	190	500	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7782-49-2	Selenium	4.50	U	1	1.38	4.50	5.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-22-4	Silver	0.50	UN	1	0.077	0.50	1.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-23-5	Sodium	56200	N	1	85.8	190	500	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-28-0	Thallium	0.50	U	1	0.085	0.50	1.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-62-2	Vanadium	1.09	J	1	0.072	0.25	5.00	ug/L	01/27/25 14:15	02/06/25 17:56	SW6020	3010A
7440-66-6	Zinc	1.02	J	1	0.56	1.50	5.00	ug/L	01/27/25 14:15	02/06/25 17:56	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

LAB CHRONICLE

OrderID:	Q1193	OrderDate:	1/27/2025 9:32:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	N31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1193-01	TAPIAL3-MW04S-012 425-00-T3	Water			01/24/25			01/25/25
			Mercury	7470A		01/28/25	01/28/25	
			Metals ICP-TAL	6020B		01/27/25	02/06/25	
Q1193-02	TAPIAL2-MW01-0124 25-00-T2	Water			01/24/25			01/25/25
			Mercury	7470A		01/28/25	01/28/25	
			Metals ICP-TAL	6020B		01/27/25	02/06/25	