

Hit Summary Sheet SW-846

SDG No.:	Q1109	Order ID:	Q1109
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 : TAPIAL1-MW04I-011525-00-T3									
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Aluminum	177		1.98	10.0	20.0	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Antimony	0.15	J	0.11	0.25	2.00	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Arsenic	0.59	J	0.090	0.25	1.00	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Barium	23.9		0.30	1.25	10.0	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Beryllium	0.19	J	0.16	0.25	1.00	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Calcium	9990		62.5	190	500	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Chromium	1.03	J	0.40	0.75	2.00	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Cobalt	19.2		0.062	0.25	1.00	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Copper	4.35		0.40	1.50	2.00	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Iron	318		9.60	25.0	50.0	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Lead	0.55	J	0.11	0.75	1.00	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Magnesium	3180		26.6	190	500	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Manganese	293		0.24	0.75	1.00	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Nickel	11.0		0.18	0.25	1.00	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Mercury	0.086	J	0.081	0.16	0.20	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Potassium	923		46.1	190	500	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Sodium	14500		85.8	190	500	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Thallium	0.11	J	0.085	0.50	1.00	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Vanadium	1.16	J	0.072	0.25	5.00	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Zinc	12.8		0.56	1.50	5.00	ug/L
Q1109-01	TAPIAL1-MW04I-011525-00-T3	Water	Hardness, Total	38000		266	1260	3310	ug/L
Client ID : TAPIAL1-MW04S-011525-00-T2									
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Aluminum	453		1.98	10.0	20.0	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Arsenic	0.75	J	0.090	0.25	1.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Barium	27.7		0.30	1.25	10.0	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Beryllium	0.19	J	0.16	0.25	1.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Calcium	11200		62.5	190	500	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Chromium	1.58	J	0.40	0.75	2.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Cobalt	21.4		0.062	0.25	1.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Copper	5.61		0.40	1.50	2.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Iron	665		9.60	25.0	50.0	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Lead	0.89	J	0.11	0.75	1.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Magnesium	3650		26.6	190	500	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Manganese	313		0.24	0.75	1.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Nickel	13.1		0.18	0.25	1.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Potassium	977		46.1	190	500	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Sodium	15200		85.8	190	500	ug/L

Hit Summary Sheet
SW-846

SDG No.: Q1109

Order ID: Q1109

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
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Thallium	0.090	J	0.085	0.50	1.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Vanadium	2.50	J	0.072	0.25	5.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Zinc	5.94		0.56	1.50	5.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T	Water	Hardness, Total	43000		266	1260	3310	ug/L



SAMPLE DATA

A

B

C

D

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-MW04I-011525-00-T3	SDG No.:	Q1109
Lab Sample ID:	Q1109-01	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	177	N	1	1.98	10.0	20.0	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7440-36-0	Antimony	0.15	J	1	0.11	0.25	2.00	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7440-38-2	Arsenic	0.59	JN	1	0.090	0.25	1.00	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7440-39-3	Barium	23.9	N	1	0.30	1.25	10.0	ug/L	01/22/25 10:05	01/27/25 19:07	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 19:07	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 19:07	SW6020	3010A
7440-70-2	Calcium	9990	N	1	62.5	190	500	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7440-47-3	Chromium	1.03	JN	1	0.40	0.75	2.00	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7440-48-4	Cobalt	19.2		1	0.062	0.25	1.00	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7440-50-8	Copper	4.35		1	0.40	1.50	2.00	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
Hardness	Hardness, Total	38000		1	266	1260	3310	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7439-89-6	Iron	318	N	1	9.60	25.0	50.0	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7439-92-1	Lead	0.55	J	1	0.11	0.75	1.00	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7439-95-4	Magnesium	3180		1	26.6	190	500	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7439-96-5	Manganese	293		1	0.24	0.75	1.00	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7439-97-6	Mercury	0.086	JN	1	0.081	0.16	0.20	ug/L	01/16/25 14:40	01/17/25 12:40	SW7470A	
7440-02-0	Nickel	11.0		1	0.18	0.25	1.00	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7440-09-7	Potassium	923	N	1	46.1	190	500	ug/L	01/22/25 10:05	01/27/25 19:07	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 19:07	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 19:07	SW6020	3010A
7440-23-5	Sodium	14500	N	1	85.8	190	500	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7440-28-0	Thallium	0.11	J	1	0.085	0.50	1.00	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7440-62-2	Vanadium	1.16	JN	1	0.072	0.25	5.00	ug/L	01/22/25 10:05	01/27/25 19:07	SW6020	3010A
7440-66-6	Zinc	12.8		1	0.56	1.50	5.00	ug/L	01/22/25 10:05	01/27/25 19:07	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:	01/15/25
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

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LAB CHRONICLE

OrderID:	Q1109	OrderDate:	1/16/2025 11:32:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	M11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1109-01	TAPIAL1-MW04I-011 525-00-T3	Water			01/15/25			01/16/25
			Mercury	7470A		01/16/25	01/17/25	
			Metals ICP-TAL	6020B		01/22/25	01/27/25	
Q1109-02	TAPIAL1-MW04S-011 525-00-T2	Water			01/15/25			01/16/25
			Mercury	7470A		01/16/25	01/17/25	
			Metals ICP-TAL	6020B		01/22/25	01/27/25	