

Hit Summary Sheet SW-846

SDG No.:	Q1588	Order ID:	Q1588
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 : TAPFTA-MW01D-031425-00-T1									
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Aluminum	2870		1.94	10.0	20.0	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Antimony	0.27	J	0.11	0.25	2.00	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Arsenic	2.55	JD	0.45	1.25	5.00	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Barium	58.2		0.21	1.25	10.0	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Beryllium	1.48		0.32	0.75	1.00	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Calcium	4350		45.7	190	500	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Chromium	24.7		0.21	0.75	2.00	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Cobalt	4.32		0.070	0.25	1.00	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Copper	18.3		0.30	1.50	2.00	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Iron	6310		7.81	25.0	50.0	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Lead	8.21		0.21	0.75	1.00	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Magnesium	893		19.5	190	500	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Manganese	81.9		0.43	0.75	1.00	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Nickel	11.2		0.27	0.75	1.00	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Potassium	1470		36.4	190	500	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Sodium	15300		128	190	500	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Thallium	0.14	J	0.060	0.50	1.00	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Vanadium	86.5		0.077	0.25	5.00	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Zinc	25.0		1.25	1.50	5.00	ug/L
Q1588-01	TAPFTA-MW01D-031425-00-T1	Water	Hardness, Total	14500		194	1260	3310	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	03/14/25
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	03/17/25
Client Sample ID:	TAPFTA-MW01D-031425-00-T1	SDG No.:	Q1588
Lab Sample ID:	Q1588-01	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	2870		1	1.94	10.0	20.0	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7440-36-0	Antimony	0.27	J	1	0.11	0.25	2.00	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7440-38-2	Arsenic	2.55	JDN	5	0.45	1.25	5.00	ug/L	03/17/25 18:05	03/24/25 16:04	SW6020	3010A
7440-39-3	Barium	58.2	N	1	0.21	1.25	10.0	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7440-41-7	Beryllium	1.48		1	0.32	0.75	1.00	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7440-43-9	Cadmium	0.50	U	1	0.34	0.50	1.00	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7440-70-2	Calcium	4350	N	1	45.7	190	500	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7440-47-3	Chromium	24.7		1	0.21	0.75	2.00	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7440-48-4	Cobalt	4.32		1	0.070	0.25	1.00	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7440-50-8	Copper	18.3	N	1	0.30	1.50	2.00	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
Hardness	Hardness, Total	14500		1	194	1260	3310	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7439-89-6	Iron	6310		1	7.81	25.0	50.0	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7439-92-1	Lead	8.21		1	0.21	0.75	1.00	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7439-95-4	Magnesium	893		1	19.5	190	500	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7439-96-5	Manganese	81.9	N	1	0.43	0.75	1.00	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7439-97-6	Mercury	0.16	UN	1	0.076	0.16	0.20	ug/L	03/18/25 08:35	03/18/25 14:28	SW7470A	
7440-02-0	Nickel	11.2		1	0.27	0.75	1.00	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7440-09-7	Potassium	1470	N	1	36.4	190	500	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7782-49-2	Selenium	22.5	UD	5	14.5	22.5	25.0	ug/L	03/17/25 18:05	03/24/25 16:04	SW6020	3010A
7440-22-4	Silver	0.50	UN	1	0.060	0.50	1.00	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7440-23-5	Sodium	15300		1	128	190	500	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7440-28-0	Thallium	0.14	J	1	0.060	0.50	1.00	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7440-62-2	Vanadium	86.5		1	0.077	0.25	5.00	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A
7440-66-6	Zinc	25.0	N	1	1.25	1.50	5.00	ug/L	03/17/25 18:05	03/23/25 17:15	SW6020	3010A

Color Before:	Brown	Clarity Before:	Cloudy	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:	Q1588	OrderDate:	3/17/2025 10:02:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	I41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1588-01	TAPFTA-MW01D-0314 25-00-T1	Water			03/14/25			03/17/25
			Mercury	7470A		03/18/25	03/18/25	
			Metals ICP-TAL	6020B		03/17/25	03/23/25	
			Metals ICP-TAL	6020B		03/17/25	03/24/25	