284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

ANALYTICAL RESULTS SUMMARY

VOLATILE ORGANICS
GENERAL CHEMISTRY
METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS

PROJECT NAME : FT MEADE TIPTON AIRFIELD PARCEL RI - PO 0111169

WESTON SOLUTIONS

1400 Weston Way

PO Box 2653

West Chester, PA - 19380

Phone No: 610-701-7400

ORDER ID : Q1109

ATTENTION : Nathan Fretz

Laboratory Certification ID # 20012

Table Of Contents for Q1109

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q1109

Project ID : Ft Meade Tipton Airfield Parcel RI - PO 0111169

Client : Weston Solutions

Lab Sample Number	Client Sample Number
Q1109-01	TAPIAL1-MW04I-011525-00-T3
Q1109-02	TAPIAL1-MW04S-011525-00-T2
Q1109-04	TAP-TB-01-011525

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____ Date: 1/29/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Weston Solutions
Project Name: Ft Meade Tipton Airfield Parcel RI - PO 0111169
Project # N/A
Chemtech Project # Q1109
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
3 Water samples were received on 01/16/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group5, Diesel Range Organics, Gasoline Range Organics, Hardness, Total, Hexavalent Chromium, Mercury, Metals ICP-TAL, METALS-TAL, Oil and Grease, PESTICIDE Group1, PESTICIDE Group3, SVOC-TCL BNA -20, TOC and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOC-TCLVOA-10 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The RPD for {VN0116WBSD02} with File ID: VN085477.D met criteria except for 2-Butanone[23%] due to difference in results of BS and BSD.

The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .
The Tuning criteria met requirements.

E. Additional Comments:

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

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The not QT review data is reported in the Miscellaneous.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F.Calculation for Concentration in Water Samples:

$$\text{Concentration ug/L} = \frac{(A_x)(I_s)(Df)}{(A_{is})(RRF)(V_0)}$$

Where,
Ax = Area for the compound to be measured
Ais = Area for the specific internal standard
Is = Amount of internal standard added in nanograms (ng)
RRF = Relative response factor of the initial calibration curve standard.
Vo = Volume of water purged in milliliters (mL)
Df = Dilution factor.

G. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Weston Solutions
Project Name: Ft Meade Tipton Airfield Parcel RI - PO 0111169
Project # N/A
Chemtech Project # Q1109
Test Name: Gasoline Range Organics

A. Number of Samples and Date of Receipt:
3 Water samples were received on 01/16/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group5, Diesel Range Organics, Gasoline Range Organics, Hardness, Total, Hexavalent Chromium, Mercury, Metals ICP-TAL, METALS-TAL, Oil and Grease, PESTICIDE Group1, PESTICIDE Group3, SVOC-TCL BNA -20, TOC and VOC-TCLVOA-10. This data package contains results for Gasoline Range Organics.

C. Analytical Techniques:
The analysis performed on instrument FID_B were done using GC column RTX502.2 which is 60 meters, 0.53mm ID, 3.0 um df, cat#10909.The analysis of Gasoline Range Organics was based on method 8015D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:

The not QT review data is reported in the Miscellaneous.

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F. Calculation for Concentration in WATER samples :

Calculations for samples are: Waters: mg/L = $\frac{\text{ng purged}}{\text{(mL sample purged) (1000)}}$

Where
ng purged = $\frac{\text{total area of peaks}}{\text{calibration factor (CF)}}$

CF = mean CF of the initial calibration

G. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Weston Solutions
Project Name: Ft Meade Tipton Airfield Parcel RI - PO 0111169
Project # N/A
Chemtech Project # Q1109
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
3 Water samples were received on 01/16/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group5, Diesel Range Organics, Gasoline Range Organics, Hardness, Total, Hexavalent Chromium, Mercury, Metals ICP-TAL, METALS-TAL, Oil and Grease, PESTICIDE Group1, PESTICIDE Group3, SVOC-TCL BNA -20, TOC and VOC-TCLVOA-10. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um dfThe analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The RPD met criteria .

The Blank Spike for {PB166117BS} with File ID: BF141218.D met requirements for all samples except for Hexachlorocyclopentadiene[190%] but no positive hit in associated sample therefore no corrective action taken.

The Blank Spike Duplicate for {PB166117BSD} with File ID: BF141219.D met requirements for all samples except for Hexachlorocyclopentadiene[190%] but no positive hit in associated sample therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .

The Continuous Calibration File ID BF141212.D met the requirements except for 4,6-Dinitro-2-methylphenol but no positive hit in associated sample therefore no corrective action taken.

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The Tuning criteria met requirements.

E. Additional Comments:

The Form 6 is not included in the data package because the Initial Calibration was performed using 8 points.

The not QT review data is reported in the Miscellaneous.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Calculation for Concentration in Water Samples:

$$\text{Concentration ug/L} = \frac{(Ax)\,(Is)\,(Vt)\,(DF)\,(GPC)}{(Ais)\,(RRF)\,(Vo)\,(Vi)}$$

Where,
Ax = Area of the characteristic ion for the compound to be measured.
Ais = Area of the characteristic ion for the internal standard.
Is = Amount of internal standard injected in ng.
Vo = Volume of water extracted in mL.
Vi = Volume of extract injected in uL.
Vt = Volume of the concentrated extract in uL
RRF = Mean Relative Response Factor determined from the initial calibration standard.
GPC = $\frac{Vin}{Vout}$ = GPC factor (If no GPC is performed, GPC=1)

G. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Weston Solutions
Project Name: Ft Meade Tipton Airfield Parcel RI - PO 0111169
Project # N/A
Chemtech Project # Q1109
Test Name: PESTICIDE Group1

A. Number of Samples and Date of Receipt:
3 Water samples were received on 01/16/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group5, Diesel Range Organics, Gasoline Range Organics, Hardness, Total, Hexavalent Chromium, Mercury, Metals ICP-TAL, METALS-TAL, Oil and Grease, PESTICIDE Group1, PESTICIDE Group3, SVOC-TCL BNA -20, TOC and VOC-TCLVOA-10. This data package contains results for PESTICIDE Group1.

C. Analytical Techniques:
The analysis was performed on instrument ECD_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11.The analysis of PESTICIDE Group1s was based on method 8081B and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:

The not QT review data is reported in the Miscellaneous.

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F. Calculation for Concentration in Water Samples:

Concentration in ug/L = $\frac{(Ax)\ (Vt)\ (DF)\ (GPC)}{(CF)\ (Vo)\ (Vi)}$

Where,

Ax = Response (peak area or height) of the compound to be measured.
CF = Mean Calibration Factor from the initial calibration (area/ng).
Vo = Volume of water extracted in mL.
Vi = Volume of extract injected in uL.
Vt = Volume of the concentrated extract in uL
GPC = $\frac{Vin}{Vout}$ = GPC factor (If no GPC is performed, GPC=1)
Vin = Volume of extract loaded onto GPC column.
Vout = Volume of extract collected after GPC cleanup.
DF = Dilution Factor.

G. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Weston Solutions
Project Name: Ft Meade Tipton Airfield Parcel RI - PO 0111169
Project # N/A
Chemtech Project # Q1109
Test Name: Diesel Range Organics

A. Number of Samples and Date of Receipt:
3 Water samples were received on 01/16/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group5, Diesel Range Organics, Gasoline Range Organics, Hardness, Total, Hexavalent Chromium, Mercury, Metals ICP-TAL, METALS-TAL, Oil and Grease, PESTICIDE Group1, PESTICIDE Group3, SVOC-TCL BNA -20, TOC and VOC-TCLVOA-10. This data package contains results for Diesel Range Organics.

C. Analytical Techniques:
The analysis of Diesel Range Organics was based on method 8015D and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank Spike Duplicate met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:

The not QT review data is reported in the Miscellaneous

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F. Calculation for Concentration in WATER samples :

The sample concentrations (Cs) in ug/L are calculated as follows:

$$Cs = \frac{\{\text{Extract DRO-net (ug/mL)}\}\{\text{Final vol. extract (mL)}\}\{Df\}}{Ws}$$

Where

DRO (net)ug/mL = DRO (total) ug /mL - DRO (solvent) ug /mL

Df = Dilution factor

Ws= Weight of sample in mL

.

G. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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CASE NARRATIVE

Weston Solutions
Project Name: Ft Meade Tipton Airfield Parcel RI - PO 0111169
Project # N/A
Chemtech Project # Q1109
Test Name: Metals ICP-TAL,Mercury

A. Number of Samples and Date of Receipt:
3 Water samples were received on 01/16/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group5, Diesel Range Organics, Gasoline Range Organics, Hardness, Total, Hexavalent Chromium, Mercury, Metals ICP-TAL, METALS-TAL, Oil and Grease, PESTICIDE Group1, PESTICIDE Group3, SVOC-TCL BNA -20, TOC and VOC-TCLVOA-10. This data package contains results for Metals ICP-TAL,Mercury.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6020B, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate (TAPIAL1-MW04S-011525-00-T2MSD) analysis met criteria for all samples except for Silver due to Chemical Interference during Digestion Process.
The Matrix Spike (427MS) analysis met criteria for all samples except for Mercury due to sample matrix interference. The Matrix Spike (TAPIAL1-MW04S-011525-00-T2MS) analysis met criteria for all samples except for Aluminum, Arsenic, Barium, Beryllium, Cadmium, Calcium, Chromium, Iron, Potassium, Silver, Sodium and Vanadium due to Chemical Interference during Digestion process.
The Matrix Spike Duplicate (427MSD) analysis met criteria for all samples except for Mercury due to sample matrix interference. The Matrix Spike Duplicate (TAPIAL1-MW04S-011525-00-T2MSD) analysis met criteria for all samples except for Aluminum, Arsenic, Barium, Cadmium, Calcium, Chromium, Iron, Potassium, Silver and Sodium due to Chemical Interference during Digestion process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met criteria for all samples.

E. Additional Comments:

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

Calculation for ICP-MS Water Sample:

$$\text{Concentration or Result } (\mu g/L) = C \times \frac{Vf}{Vi} \times DF$$

Where,

C = Instrument value in ppb (The average of all replicate integrations)
Vf = Final digestion volume (mL)
Vi = Initial aliquot amount (mL) (Sample amount taken in prep)
DF = Dilution Factor

Calculation for Hg Water Sample:

$$\text{Concentration or Result } (\mu g/L) = C \times DF$$

Where,

C = Instrument response in µg/L from the calibration curve.
DF = Dilution Factor

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CASE NARRATIVE

Weston Solutions
Project Name: Ft Meade Tipton Airfield Parcel RI - PO 0111169
Project # N/A
Chemtech Project # Q1109
Test Name: Hexavalent Chromium,Oil and Grease,Anions Group5,TOC,Ammonia

A. Number of Samples and Date of Receipt:
3 Water samples were received on 01/16/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group5, Diesel Range Organics, Gasoline Range Organics, Hardness, Total, Hexavalent Chromium, Mercury, Metals ICP-TAL, METALS-TAL, Oil and Grease, PESTICIDE Group1, PESTICIDE Group3, SVOC-TCL BNA -20, TOC and VOC-TCLVOA-10. This data package contains results for Hexavalent Chromium,Oil and Grease,Anions Group5,TOC,Ammonia.

C. Analytical Techniques:
The analysis of Oil and Grease was based on method 1664A, The analysis of Hexavalent Chromium was based on method 7196A, The analysis of Anions Group5 was based on method 9056A, The analysis of TOC was based on method 9060A and The analysis of Ammonia was based on method SM4500-NH3.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
Sample TAPIAL1-MW04S-011525-00-T2 was diluted due to high concentrations for Chloride and Sulfate.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike (TAPIAL1-MW04S-011525-00-T2MS) analysis met criteria for all samples except for Chloride due to sample Matrix interference.
The Matrix Spike Duplicate (DSN002MSD) analysis met criteria for all samples except for Ammonia due to sample Matrix interference.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:
As per method 1664A, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD therefore MS/MSD were not performed for this project.

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DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1109

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 01/29/2025

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Hit Summary Sheet
SW-846

SDG No.: Q1109

Client: Weston Solutions

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:									
				0					

Total Voc :

Total Concentration:

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085476.D	1		01/16/25 17:44	VN011625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.21	0.50	5.00	ug/L
74-87-3	Chloromethane	0.50	U	0.35	0.50	5.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.34	0.75	5.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.50	U	0.56	0.50	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.34	0.50	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.26	0.75	5.00	ug/L
67-64-1	Acetone	3.80	U	1.40	3.80	25.0	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.32	0.75	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	5.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.60	0.75	5.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.32	0.50	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.25	0.50	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	5.00	ug/L
110-82-7	Cyclohexane	3.80	U	1.60	3.80	5.00	ug/L
78-93-3	2-Butanone	2.50	U	1.30	2.50	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.25	0.50	5.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.18	0.50	5.00	ug/L
67-66-3	Chloroform	0.50	U	0.26	0.50	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.75	U	0.19	0.75	5.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.19	0.50	5.00	ug/L
71-43-2	Benzene	0.50	U	0.16	0.50	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.75	U	0.24	0.75	5.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.32	0.75	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.19	0.50	5.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.24	0.50	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.75	2.50	25.0	ug/L
108-88-3	Toluene	0.50	U	0.18	0.50	5.00	ug/L

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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
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085476.D	1		01/16/25 17:44	VN011625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.21	0.50	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.18	0.50	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	5.00	ug/L
591-78-6	2-Hexanone	2.50	U	1.10	2.50	25.0	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.16	0.50	5.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.25	0.50	5.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.13	0.50	5.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.16	0.50	5.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.31	1.00	10.0	ug/L
95-47-6	o-Xylene	0.50	U	0.14	0.50	5.00	ug/L
100-42-5	Styrene	0.50	U	0.16	0.50	5.00	ug/L
75-25-2	Bromoform	0.50	U	0.21	0.50	5.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.13	0.50	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.27	0.50	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.24	0.50	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.27	0.50	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.19	0.50	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	0.46	2.00	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.42	0.50	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.50	U	0.51	0.50	5.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.1		81 - 118		110%	SPK: 50
1868-53-7	Dibromofluoromethane	52.9		80 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	50.1		89 - 112		100%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.6		85 - 114		95%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	169000	8.218				
540-36-3	1,4-Difluorobenzene	305000	9.1				
3114-55-4	Chlorobenzene-d5	271000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	107000	13.788				

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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
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085476.D	1		01/16/25 17:44	VN011625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	TAP-TB-01-011525	SDG No.:	Q1109
Lab Sample ID:	Q1109-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085475.D	1		01/16/25 17:21	VN011625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-71-8	Dichlorodifluoromethane	0.50	U	0.21	0.50	5.00	ug/L
74-87-3	Chloromethane	0.50	U	0.35	0.50	5.00	ug/L
75-01-4	Vinyl Chloride	0.75	U	0.34	0.75	5.00	ug/L
74-83-9	Bromomethane	3.80	U	1.40	3.80	5.00	ug/L
75-00-3	Chloroethane	0.50	U	0.56	0.50	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.50	U	0.34	0.50	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.50	U	0.25	0.50	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.26	0.75	5.00	ug/L
67-64-1	Acetone	3.80	U	1.40	3.80	25.0	ug/L
75-15-0	Carbon Disulfide	0.75	U	0.32	0.75	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	U	0.16	0.50	5.00	ug/L
79-20-9	Methyl Acetate	0.75	U	0.60	0.75	5.00	ug/L
75-09-2	Methylene Chloride	0.50	U	0.32	0.50	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.50	U	0.25	0.50	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.50	U	0.23	0.50	5.00	ug/L
110-82-7	Cyclohexane	3.80	U	1.60	3.80	5.00	ug/L
78-93-3	2-Butanone	2.50	U	1.30	2.50	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.50	U	0.25	0.50	5.00	ug/L
74-97-5	Bromochloromethane	0.50	U	0.18	0.50	5.00	ug/L
67-66-3	Chloroform	0.50	U	0.26	0.50	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.75	U	0.19	0.75	5.00	ug/L
108-87-2	Methylcyclohexane	0.50	U	0.19	0.50	5.00	ug/L
71-43-2	Benzene	0.50	U	0.16	0.50	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.75	U	0.24	0.75	5.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.32	0.75	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.50	U	0.19	0.50	5.00	ug/L
75-27-4	Bromodichloromethane	0.50	U	0.24	0.50	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	2.50	U	0.75	2.50	25.0	ug/L
108-88-3	Toluene	0.50	U	0.18	0.50	5.00	ug/L

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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:	TAP-TB-01-011525	SDG No.:	Q1109
Lab Sample ID:	Q1109-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085475.D	1		01/16/25 17:21	VN011625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.50	U	0.21	0.50	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.50	U	0.18	0.50	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.50	U	0.21	0.50	5.00	ug/L
591-78-6	2-Hexanone	2.50	U	1.10	2.50	25.0	ug/L
124-48-1	Dibromochloromethane	0.50	U	0.18	0.50	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.50	U	0.16	0.50	5.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.25	0.50	5.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.13	0.50	5.00	ug/L
100-41-4	Ethyl Benzene	0.50	U	0.16	0.50	5.00	ug/L
179601-23-1	m/p-Xylenes	1.00	U	0.31	1.00	10.0	ug/L
95-47-6	o-Xylene	0.50	U	0.14	0.50	5.00	ug/L
100-42-5	Styrene	0.50	U	0.16	0.50	5.00	ug/L
75-25-2	Bromoform	0.50	U	0.21	0.50	5.00	ug/L
98-82-8	Isopropylbenzene	0.50	U	0.13	0.50	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	0.27	0.50	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.50	U	0.24	0.50	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.50	U	0.27	0.50	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.50	U	0.19	0.50	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	2.00	U	0.46	2.00	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.50	U	0.42	0.50	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.50	U	0.51	0.50	5.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	56.9		81 - 118		114%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		80 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	49.7		89 - 112		99%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.9		85 - 114		94%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	168000	8.224				
540-36-3	1,4-Difluorobenzene	312000	9.1				
3114-55-4	Chlorobenzene-d5	270000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	107000	13.788				

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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:	TAP-TB-01-011525	SDG No.:	Q1109
Lab Sample ID:	Q1109-04	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085475.D	1		01/16/25 17:21	VN011625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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
Q1109-02	**TAPIAL1-MW04S-011525-00-T2**	**Water**			**01/15/25**			**01/16/25**
			VOC-TCLVOA-10	8260D			01/16/25	
Q1109-04	**TAP-TB-01-011525**	**Water**			**01/15/25**			**01/16/25**
			VOC-TCLVOA-10	8260D			01/16/25	

SAMPLE DATA

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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
Analytical Method:	8015D GRO	% Solid:	0 Decanted:
Sample Wt/Vol:	5 Units: mL	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031317.D	1	01/17/25 11:05	FB011725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
GRO	GRO	9.00	U	6.00	9.00	45.0	ug/L
SURROGATES							
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.6		50 - 150		93%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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
Q1109-02	**TAPIAL1-MW04S-011 525-00-T2**	**Water**			**01/15/25**			**01/16/25**
			Diesel Range Organics	8015D		01/17/25	01/17/25	
			Gasoline Range Organics	8015D			01/17/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1109

Client: Weston Solutions

Sample ID	Client ID	Parameter		Concentration	C	MDL	LOD	RDL	Units
Client ID :	**TAPIAL1-MW04S-011525-00-T2**								
Q1109-02	TAPIAL1-MW04S-01152 WATER	Caprolactam		2.200	J	1.7	8.2	10.2	ug/L
		Total Svoc :			**2.20**				
Q1109-02	TAPIAL1-MW04S-01152 WATER	2-Pentanone, 4-hydroxy-4-methyl	*	5.000	AB	0		0	ug/L
Q1109-02	TAPIAL1-MW04S-01152 WATER	n-Hexadecanoic acid	*	4.300	J	0		0	ug/L
		Total Tics :			**9.30**				
		Total Concentration:			**11.50**				

SAMPLE DATA

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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
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141220.D	1	01/17/25 11:40	01/20/25 14:13	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
100-52-7	Benzaldehyde	8.20	U	4.10	8.20	10.2	ug/L
108-95-2	Phenol	4.10	U	0.95	4.10	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	4.10	U	1.20	4.10	5.10	ug/L
95-57-8	2-Chlorophenol	4.10	U	0.72	4.10	5.10	ug/L
95-48-7	2-Methylphenol	4.10	U	1.20	4.10	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.10	U	1.40	4.10	5.10	ug/L
98-86-2	Acetophenone	4.10	U	1.10	4.10	5.10	ug/L
65794-96-9	3+4-Methylphenols	8.20	U	1.20	8.20	10.2	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1.50	2.60	2.60	ug/L
67-72-1	Hexachloroethane	4.10	U	1.00	4.10	5.10	ug/L
98-95-3	Nitrobenzene	4.10	U	1.30	4.10	5.10	ug/L
78-59-1	Isophorone	4.10	U	1.20	4.10	5.10	ug/L
88-75-5	2-Nitrophenol	4.10	U	2.00	4.10	5.10	ug/L
105-67-9	2,4-Dimethylphenol	4.10	U	1.50	4.10	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	4.10	U	1.00	4.10	5.10	ug/L
120-83-2	2,4-Dichlorophenol	4.10	U	0.90	4.10	5.10	ug/L
91-20-3	Naphthalene	4.10	U	1.00	4.10	5.10	ug/L
106-47-8	4-Chloroaniline	4.10	U	1.30	4.10	5.10	ug/L
87-68-3	Hexachlorobutadiene	4.10	U	1.30	4.10	5.10	ug/L
105-60-2	Caprolactam	2.20	J	1.70	8.20	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	4.10	U	0.86	4.10	5.10	ug/L
91-57-6	2-Methylnaphthalene	4.10	U	1.20	4.10	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	8.20	UQ	5.10	8.20	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	4.10	U	0.91	4.10	5.10	ug/L
95-95-4	2,4,5-Trichlorophenol	4.10	U	1.00	4.10	5.10	ug/L
92-52-4	1,1-Biphenyl	4.10	U	0.93	4.10	5.10	ug/L
91-58-7	2-Chloronaphthalene	4.10	U	0.99	4.10	5.10	ug/L
88-74-4	2-Nitroaniline	4.10	U	1.40	4.10	5.10	ug/L
131-11-3	Dimethylphthalate	4.10	U	0.95	4.10	5.10	ug/L

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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
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141220.D	1	01/17/25 11:40	01/20/25 14:13	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
208-96-8	Acenaphthylene	4.10	U	1.10	4.10	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	4.10	U	1.30	4.10	5.10	ug/L
99-09-2	3-Nitroaniline	4.10	U	1.40	4.10	5.10	ug/L
83-32-9	Acenaphthene	4.10	U	0.83	4.10	5.10	ug/L
51-28-5	2,4-Dinitrophenol	8.20	U	6.60	8.20	10.2	ug/L
100-02-7	4-Nitrophenol	8.20	U	2.00	8.20	10.2	ug/L
132-64-9	Dibenzofuran	4.10	U	0.95	4.10	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	4.10	U	1.60	4.10	5.10	ug/L
84-66-2	Diethylphthalate	4.10	U	1.10	4.10	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.10	U	1.00	4.10	5.10	ug/L
86-73-7	Fluorene	4.10	U	0.98	4.10	5.10	ug/L
100-01-6	4-Nitroaniline	4.10	U	2.10	4.10	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	8.20	U	3.10	8.20	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	4.10	U	0.91	4.10	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	4.10	U	0.97	4.10	5.10	ug/L
118-74-1	Hexachlorobenzene	4.10	U	1.20	4.10	5.10	ug/L
1912-24-9	Atrazine	4.10	U	1.30	4.10	5.10	ug/L
87-86-5	Pentachlorophenol	8.20	U	1.90	8.20	10.2	ug/L
85-01-8	Phenanthrene	4.10	U	0.91	4.10	5.10	ug/L
120-12-7	Anthracene	4.10	U	1.10	4.10	5.10	ug/L
86-74-8	Carbazole	4.10	U	1.20	4.10	5.10	ug/L
84-74-2	Di-n-butylphthalate	4.10	U	1.50	4.10	5.10	ug/L
206-44-0	Fluoranthene	4.10	U	1.30	4.10	5.10	ug/L
129-00-0	Pyrene	4.10	U	1.10	4.10	5.10	ug/L
85-68-7	Butylbenzylphthalate	4.10	U	2.10	4.10	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	8.20	U	1.30	8.20	10.2	ug/L
56-55-3	Benzo(a)anthracene	4.10	U	0.96	4.10	5.10	ug/L
218-01-9	Chrysene	4.10	U	0.88	4.10	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.10	U	1.90	4.10	5.10	ug/L
117-84-0	Di-n-octyl phthalate	8.20	U	2.60	8.20	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	4.10	U	1.20	4.10	5.10	ug/L

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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
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141220.D	1	01/17/25 11:40	01/20/25 14:13	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	4.10	U	1.20	4.10	5.10	ug/L
50-32-8	Benzo(a)pyrene	4.10	U	1.70	4.10	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.10	U	1.00	4.10	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.10	U	1.20	4.10	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	4.10	U	1.20	4.10	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.10	U	1.10	4.10	5.10	ug/L
123-91-1	1,4-Dioxane	4.10	U	1.30	4.10	5.10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.10	U	0.81	4.10	5.10	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	74.5		19 - 119		50%	SPK: 150
13127-88-3	Phenol-d6	46.5		10 - 130		31%	SPK: 150
4165-60-0	Nitrobenzene-d5	106		44 - 120		106%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.8		44 - 119		100%	SPK: 100
118-79-6	2,4,6-Tribromophenol	176		43 - 140		118%	SPK: 150
1718-51-0	Terphenyl-d14	93.0		50 - 134		93%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	169000	6.81				
1146-65-2	Naphthalene-d8	674000	8.092				
15067-26-2	Acenaphthene-d10	367000	9.845				
1517-22-2	Phenanthrene-d10	632000	11.328				
1719-03-5	Chrysene-d12	449000	13.969				
1520-96-3	Perylene-d12	365000	15.427				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5.00	AB			5.02	ug/L
000057-10-3	n-Hexadecanoic acid	4.30	J			11.9	ug/L

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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
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141220.D	1	01/17/25 11:40	01/20/25 14:13	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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
Q1109-02	**TAPIAL1-MW04S-011525-00-T2**	**Water**			**01/15/25**			**01/16/25**
			SVOC-TCL BNA -20	8270E		01/17/25	01/20/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1109 **Order ID:** Q1109

Client: Weston Solutions **Project ID:** Ft Meade Tipton Airfield Parcel RI - P

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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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
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	980 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093704.D	1	01/17/25 08:17	01/20/25 13:15	PB166101

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
319-84-6	alpha-BHC	0.026	U	0.0062	0.026	0.051	ug/L
319-85-7	beta-BHC	0.026	U	0.014	0.026	0.051	ug/L
319-86-8	delta-BHC	0.026	U	0.015	0.026	0.051	ug/L
58-89-9	gamma-BHC (Lindane)	0.026	U	0.0050	0.026	0.051	ug/L
76-44-8	Heptachlor	0.026	U	0.0055	0.026	0.051	ug/L
309-00-2	Aldrin	0.026	U	0.0045	0.026	0.051	ug/L
1024-57-3	Heptachlor epoxide	0.026	U	0.0092	0.026	0.051	ug/L
959-98-8	Endosulfan I	0.026	U	0.0051	0.026	0.051	ug/L
60-57-1	Dieldrin	0.026	U	0.0048	0.026	0.051	ug/L
72-55-9	4,4-DDE	0.026	U	0.0046	0.026	0.051	ug/L
72-20-8	Endrin	0.010	U	0.0044	0.010	0.051	ug/L
33213-65-9	Endosulfan II	0.026	U	0.0077	0.026	0.051	ug/L
72-54-8	4,4-DDD	0.026	U	0.0094	0.026	0.051	ug/L
1031-07-8	Endosulfan Sulfate	0.026	U	0.0036	0.026	0.051	ug/L
50-29-3	4,4-DDT	0.026	U	0.0045	0.026	0.051	ug/L
72-43-5	Methoxychlor	0.026	U	0.011	0.026	0.051	ug/L
53494-70-5	Endrin ketone	0.026	U	0.0099	0.026	0.051	ug/L
7421-93-4	Endrin aldehyde	0.026	U	0.010	0.026	0.051	ug/L
5103-71-9	alpha-Chlordane	0.026	U	0.0061	0.026	0.051	ug/L
5103-74-2	gamma-Chlordane	0.026	U	0.0061	0.026	0.051	ug/L
8001-35-2	Toxaphene	0.51	U	0.15	0.51	1.00	ug/L
57-74-9	Chlordane	0.26	U	0.084	0.26	0.51	ug/L
2385-85-5	Mirex	0.026	U	0.0042	0.026	0.051	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	13.9		30 - 135		69%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.1		44 - 124		106%	SPK: 20

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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
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	980 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PESTICIDE Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093704.D	1	01/17/25 08:17	01/20/25 13:15	PB166101

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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
Q1109-02	**TAPIAL1-MW04S-011 525-00-T2**	**Water**			**01/15/25**			**01/16/25**
			Diesel Range Organics	8015D		01/17/25	01/17/25	
			Gasoline Range Organics	8015D			01/17/25	
			PESTICIDE Group1	8081B		01/17/25	01/20/25	

SAMPLE DATA

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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
Analytical Method:	8015D DRO	% Solid:	0 Decanted:
Sample Wt/Vol:	980 Units: mL	Final Vol:	1 mL
Soil Aliquot Vol:	uL	Test:	Diesel Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :	SW3510		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF015250.D	1	01/17/25 08:15	01/17/25 13:39	PB166100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
DRO	DRO	13.0	J	10.0	26.0	51.0	ug/L
SURROGATES							
16416-32-3	Tetracosane-d50	17.2		29 - 130		86%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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
Q1109-02	**TAPIAL1-MW04S-011 525-00-T2**	**Water**			**01/15/25**			**01/16/25**
			Diesel Range Organics	8015D		01/17/25	01/17/25	
			Gasoline Range Organics	8015D			01/17/25	

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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-T2	Water	Aluminum	453		1.98	10.0	20.0	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Arsenic	0.75	J	0.090	0.25	1.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Barium	27.7		0.30	1.25	10.0	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Beryllium	0.19	J	0.16	0.25	1.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Calcium	11200		62.5	190	500	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Chromium	1.58	J	0.40	0.75	2.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Cobalt	21.4		0.062	0.25	1.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Copper	5.61		0.40	1.50	2.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Iron	665		9.60	25.0	50.0	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Lead	0.89	J	0.11	0.75	1.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Magnesium	3650		26.6	190	500	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Manganese	313		0.24	0.75	1.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Nickel	13.1		0.18	0.25	1.00	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Potassium	977		46.1	190	500	ug/L
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	Sodium	15200		85.8	190	500	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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				

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OR = Over Range
N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

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	

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/15/25 12:20
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
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
TOC	0.98	J	1	0.19	0.50	1.00	mg/L		01/17/25 10:39	9060A

Comments:

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
H = Sample Analysis Out Of Hold Time

J = Estimated Value
B = Analyte Found in Associated Method Blank
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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/15/25 12:20
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
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Ammonia as N	0.080	U	1	0.045	0.080	0.10	mg/L	01/17/25 08:45	01/17/25 11:44	SM 4500-NH3 B plus G-11
Bromide	1.00	U	1	0.034	1.00	2.00	mg/L		01/16/25 14:04	9056A
Chloride	21.4	OR	1	0.011	0.30	0.60	mg/L		01/16/25 14:04	9056A
Fluoride	0.16	J	1	0.057	0.20	0.40	mg/L		01/16/25 14:04	9056A
Nitrite	0.30	U	1	0.011	0.30	0.60	mg/L		01/16/25 14:04	9056A
Nitrate	1.00		1	0.0034	0.25	0.50	mg/L		01/16/25 14:04	9056A
Sulfate	47.3	OR	1	0.032	1.50	3.00	mg/L		01/16/25 14:04	9056A
Dissolved Hexavalent Chromium	0.0050	U	1	0.0030	0.0050	0.010	mg/L		01/16/25 13:14	7196A
Oil and Grease	2.00	U	1	0.40	2.00	5.00	mg/L		01/20/25 16:00	1664A
TOC	1.20		1	0.19	0.50	1.00	mg/L		01/17/25 11:58	9060A

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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D = Dilution
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H = Sample Analysis Out Of Hold Time
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Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions	Date Collected:	01/15/25 12:20
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	01/16/25
Client Sample ID:	TAPIAL1-MW04S-011525-00-T2DL	SDG No.:	Q1109
Lab Sample ID:	Q1109-02DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	20.3	D	5	0.055	1.50	3.00	mg/L		01/16/25 15:09	9056A
Sulfate	49.3	D	5	0.16	7.50	15.0	mg/L		01/16/25 15:09	9056A

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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H = Sample Analysis Out Of Hold Time
J = Estimated Value
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N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

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 12:20**			**01/16/25**
			TOC	9060A			01/17/25 10:39	
Q1109-02	**TAPIAL1-MW04S-011 525-00-T2**	**WATER**			**01/15/25 12:20**			**01/16/25**
			Ammonia	SM4500-NH3		01/17/25	01/17/25 11:44	
			Anions Group5	9056A			01/16/25 14:04	
			Hexavalent Chromium	7196A			01/16/25 13:14	
			Oil and Grease	1664A			01/20/25 16:00	
			TOC	9060A			01/17/25 11:58	
Q1109-02DL	**TAPIAL1-MW04S-011 525-00-T2DL**	**WATER**			**01/15/25 12:20**			**01/16/25**
			Anions Group5	9056A			01/16/25 15:09	

SHIPPING DOCUMENTS

Q1109

12
12.1

Weston COC ID
Weston_20250115_1527

Chain of Custody Record/Lab Work Request

Page 1 of 1

Client:	Weston Solutions, Inc.		
Project Manager:	David Sembrot		
Street Address:	1400 Weston Way	City:	West Chester
Phone:	610-314-5456	ST, ZIP:	PA, 19038
e-mail:	david.sembrot@westonsolutions.com		
Sampled By:	Cheyenne Harrington		

Project Name:	Fort Meade RI	Project POC:	Nathan Fretz
PO Number	0111169	Phone:	484-524-5665
W.O. #:		POC e-mail:	nathan.fretz@westonsolutions.com
Lab:	CHEMTECH	Lab POC:	Jordan Hedvat
TAT (days):	21	Lab Phone:	908-728-3144
Lab Address:	284 Sheffield Street Mountainside, NJ 07092		

Matrix Codes	
SS -	Soil
SE -	Sediment
SO -	Solid
SL -	Sludge
GW -	Groundwater
W -	Water
SB -	Soil Boring
A -	Air
DS -	Drum Solids
DL -	Drum Liquids
L -	EP/TCLP Leachate
WI -	Wipe
X -	Other
F -	Fish

Lab Use Only		
Temperature of cooler when received (°C)		
COC Tape was present and unbroken on outer package?	Y	N
Samples received in good condition?	Y	N
Labels indicate properly preserved?	Y	N
Received within holding times?	Y	N
Discrepancies between sample labels and COC record?	Y	N

#	Sample ID	G/C	Matrix	# Cont	MS/MSD	Date Collected	Time Collected	TPH-DRO by EPA 8015D	Pesticides by EPA 8081B	SVOCs by EPA 8270E	Oil & Grease by EPA 1664A	Hardness by Calc by EPA 200.7	Anions by EPA 9056A	TOC by EPA 9060A/Lloyd Kahn	TPH-GRO by EPA 8015D	VOCs by EPA 8260D	Hex Chromium by EPA 7196A	Ammonia by SM4500-NH3 B&G	TAL Metals w Hg by 6020B/7470A	Special Instructions/Comments
Analyses Requested:																				
Container Type:								Amber	Amber	Amber	Glass	Plastic	Plastic	Vial	Vial	Vial	Plastic	Plastic	Plastic	
Container Size:								1 L	1 L	1 L	1 L	1 L	1 L	40 mL	40 mL	40 mL	500 mL	500 mL	500 mL	
Preservative:								Ice to 0-6 deg C	Ice to 0-6 deg C	Ice to 0-6 deg C	H2SO4	HNO3	Ice to 0-6 deg C	H2SO4	HCL	HCL	Ammonium Sulfate	H2SO4	HNO3	
1	TAPIAL1-MW04I-011525-00-T3	g	GW	4	no	1/15/2025	12:20					X		X					X	
2	TAPIAL1-MW04S-011525-00-T2	g	GW	19	no	1/15/2025	12:20	X	X	X	X	X	X	X	X	X	X	X	X	
3	TAP-TB-01-011525	g	W	2	no	1/15/2025	15:35									X				
4																				
5																				
6																				
7																				
8																				
9																				
10																				
11																				
12																				

Shipping Airbill Number: 771460519011, 771460519022

Temp 2.2°C

Cooler Number: 1 to 2 of 2

	Relinquished By	Date	Time	Received By	Date	Time
1.)	Clyn Hyf	1/15/25	1700		1-16-25	0932
2.)						
3.)						

Additional Comments

QSM 6.0 Compliant

Deliverable Requirements: DoD Level IV report, EnviroData EDD, and ERIS-compatible EDD

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1109 WEST04
Client Name : Weston Solutions
Client Contact : Nathan Fretz
Invoice Name : Weston Solutions
Invoice Contact : Nathan Fretz

Order Date : 1/16/2025 11:32:00 AM
Project Name : Ft Meade Tipton Airfield Pa
Receive DateTime : 1/16/2025 9:32:00 AM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : SEDD 2A
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	01/15/2025	12:20					
					Gasoline Range Organics		8015D		10 Bus. Days

Relinguished By : [signature]
Date / Time : 1-16-25 1315

Received By : [signature]
Date / Time : 1-16-25 2:10 PM

Storage Area : VOA Refridgerator Room

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

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LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q1109-02	TAPIAL1-MW04S-011525-00-T2	Water	01/15/2025	12:20					
					VOC-TCLVOA-10		8260D		10 Bus. Days
Q1109-04	TAP-TB-01-011525	Water	01/15/2025	15:35					
					VOC-TCLVOA-10		8260D		10 Bus. Days

stored in VOA
Ref #05

Relinquished By :
Date / Time : 12-16-25 1315

Received By :
Date / Time : 01/16/25 2:00 pm

Storage Area : VOA Refridgerator Room