

ANALYTICAL RESULTS SUMMARY

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

PROJECT NAME : FORT MEADE MD TIPTON AIRFIELD PARCEL RI - 0111169

WESTON SOLUTIONS

1400 Weston Way

PO Box 2653

West Chester, PA - 19380

Phone No: 610-701-7400

ORDER ID: Q1569 ATTENTION: Nathan Fretz



Laboratory Certification ID # 20012







1) Signature Page	3
2) Case Narrative	4
2.1) TCLP VOA- Case Narrative	4
2.2) TCLP BNA- Case Narrative	6
2.3) TCLP Pesticide- Case Narrative	8
2.4) PCB- Case Narrative	10
2.5) TCLP Herbicide- Case Narrative	12
2.6) Metals-TCLP- Case Narrative	14
2.7) Genchem- Case Narrative	16
3) Qualifier Page	17
4) QA Checklist	19
5) TCLP VOA Data	20
6) TCLP BNA Data	25
7) TCLP Pesticide Data	34
8) PCB Data	40
9) TCLP Herbicide Data	45
10) Metals-TCLP Data	51
11) Genchem Data	56
12) Shipping Document	60
12.1) CHAIN OF CUSTODY	61
12.2) Lab Certificate	62



Cover Page

- **Order ID :** Q1569
- Project ID : Fort Meade MD Tipton Airfield Parcel RI 0111169
 - Client : Weston Solutions

Lab Sample Number Client Sample Number Q1569-01 TAP-IDW-SOIL-031325-01 Q1569-02 TAP-IDW-SOIL-031325-01 Q1569-04 TAP-IDW-SOIL-031325-02 Q1569-05 TAP-IDW-SOIL-031325-02

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.



APPROVED By Nimisha Pandya, QA/QC Supervisor at 3:33 pm, Mar 27, 2025

Date: 3/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



2 2.1

CASE NARRATIVE

Weston Solutions Project Name: Fort Meade MD Tipton Airfield Parcel RI - 0111169 Project # N/A Chemtech Project # Q1569 Test Name: TCLP VOA

A. Number of Samples and Date of Receipt:

4 Solid samples were received on 03/14/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Cyanide, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA and TCLP ZHE Extraction. This data package contains results for TCLP VOA.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of TCLP VOA was based on method 8260D and TCLP extraction method was 1311.

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 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.

Trip Blank was not provided with this set of samples. 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:

Water Calculation in ug/L

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.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

APPROVED By Nimisha Pandya, QA/QC Supervisor at 3:33 pm, Mar 27, 2025

Signature_



2 2.2

CASE NARRATIVE

Weston Solutions Project Name: Fort Meade MD Tipton Airfield Parcel RI - 0111169 Project # N/A Chemtech Project # Q1569 Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:

4 Solid samples were received on 03/14/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Cyanide, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA and TCLP ZHE Extraction. This data package contains results for TCLP BNA.

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 df. The analysis of TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

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 MS recoveries met the requirements for all compounds. The MSD recoveries met the acceptable requirements. The RPD recoveries met the acceptable requirements. The RPD met criteria. The Blank Spike met requirements for all samples. The Blank analysis did not indicate the presence of lab contamination. The Initial Calibration met the requirements.

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 7 points. The not OT review data is reported in the Miscellaneous.

Concentration of Water Sample:

Concentration ug/L = (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 = Vin = GPC factor (If no GPC is performed, GPC=1) Vout

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. Manual Integration Comments:

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

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.





2 2.3

CASE NARRATIVE

Weston Solutions Project Name: Fort Meade MD Tipton Airfield Parcel RI - 0111169 Project # N/A Chemtech Project # Q1569 Test Name: TCLP Pesticide

A. Number of Samples and Date of Receipt:

4 Solid samples were received on 03/14/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Cyanide, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA and TCLP ZHE Extraction. This data package contains results for TCLP Pesticide.

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 TCLP Pesticides was based on method 8081B and extraction was done based on method 3510 and TCLP extraction method was 1311.

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 MS recoveries met the requirements for all compounds . The MSD recoveries met the acceptable requirements . The RPD met criteria . The Blank Spike 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.

F. Calculation for Concentration in Water Samples:

Concentration ug/L = (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 = Vin = GPC factor (If no GPC is performed, GPC=1)

Vout

- 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.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.



Signature



CASE NARRATIVE

Weston Solutions Project Name: Fort Meade MD Tipton Airfield Parcel RI - 0111169 Project # N/A Chemtech Project # Q1569 Test Name: PCB

A. Number of Samples and Date of Receipt:

4 Solid samples were received on 03/14/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Cyanide, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA and TCLP ZHE Extraction. This data package contains results for PCB.

C. Analytical Techniques:

The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 μ m; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for C0O18MS [Decachlorobiphenyl(2) - 170%], C0O18MSD [Decachlorobiphenyl(2) - 166%] Surrogate failing for MS-MSD but it is passing for Original sample therefore no corrective action taken.

The Retention Times were acceptable for all samples.

The MS recoveries for {Q1572-06MS} with File ID: PP070564.D met requirements for all samples except for AR1016[7313%] and AR1260[169%]due to sample matrix interference.

The MSD {Q1572-06MSD} with File ID: PP070565.D recoveries met requirements for all samples except for AR1016[7777%] and AR1260[215%]due to sample matrix interference.

The RPD for {Q1572-06MSD} with File ID: PP070565.D met criteria except for AR1260[24%] due to difference in results of MS-MSD.





The Blank Spike 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. The soil samples results are based on a dry weight basis.

F. Calculation for Concentration in Soil samples:

Concentration ug/Kg (Dry weight basis) = (Ax) (Vt) (DF) (GPC)(CF) (Vi) (Ws) (D)

Where,

Ax = Response (peak area or height) of the compound to be measured.

CF = Mean Calibration Factor from the initial calibration (area/ng).

Vt = Volume of the concentrated extract in uL

Vi = Volume of extract injected (uL). (If a single injection is made on to two columns,

use $\frac{1}{2}$ the volume in the syringe as the volume injected onto each column).

Ws = Weight of sample extracted (g).

 $D = \frac{\% \text{ dry weight or } 100 - \% \text{Moisture}}{100}$

 $GPC = \underline{Vin}$ = GPC factor (If no GPC is performed, GPC=1) Vout

Vin = Volume of extract loaded onto GPC column.

Vout = Volume of extract collected after GPC cleanup.

DF = Dilution Factor

Signature

G. Manual Integration Comments:

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

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.



2



2 2.5

CASE NARRATIVE

Weston Solutions Project Name: Fort Meade MD Tipton Airfield Parcel RI - 0111169 Project # N/A Chemtech Project # Q1569 Test Name: TCLP Herbicide

A. Number of Samples and Date of Receipt:

4 Solid samples were received on 03/14/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Cyanide, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA and TCLP ZHE Extraction. This data package contains results for TCLP Herbicide.

C. Analytical Techniques:

The analysis was performed on instrument ECD_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 11324The analysis of TCLP Herbicides was based on method 8151A and extraction was done based on method 3510 and TCLP extraction method was 1311.

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 MS recoveries met the requirements for all compounds . The MSD recoveries met the acceptable requirements . The RPD met criteria . The Blank Spike 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.

F. Calculation for water sample :

$$ug/l = \frac{(Ax) (Vt) (MW)}{(ICF) (Vi) (Vs)} X DF$$



Where:

- Ax = Area for the parameter to be measured.
- ICF = average calibration factor for the calibration standards.
- Vt = Volume of total extract in uL (Take into account dilutions)
- Is = Amount of standard injected in nanograms (ng)
- Vi = Volume of extract injected.
- Vs = Volume of Aqueous extracted (mL).
- MW = molecular weight of the compound

F. Manual Integration Comments:

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

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.



Signature



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

CASE NARRATIVE

2.6

Weston Solutions Project Name: Fort Meade MD Tipton Airfield Parcel RI - 0111169 Project # N/A Chemtech Project # Q1569 Test Name: TCLP Mercury,TCLP ICP Metals

A. Number of Samples and Date of Receipt:

4 Solid samples were received on 03/14/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Cyanide, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA and TCLP ZHE Extraction. This data package contains results for TCLP Mercury, TCLP ICP Metals.

C. Analytical Techniques:

The analysis of TCLP ICP Metals was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Calculations:

Calculation for TCLP Metals:

Concentration or Result ($\mu g/L$) = C x $\frac{Vf}{Vi}$ x DF x 1000

Where,

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



Calculation for TCLP Hg:

Concentration or Result $(\mu g/L) = C \times DF$ Where,

C = Instrument response in μ g/L from the calibration curve.

DF = Dilution Factor

F. Additional Comments

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

2.6

Signature

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 3:34 pm, Mar 27, 2025



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

CASE NARRATIVE

Weston Solutions Project Name: Fort Meade MD Tipton Airfield Parcel RI - 0111169 Project # N/A Chemtech Project # Q1569 Test Name: pH,Cyanide,Sulfide,Ignitability

A. Number of Samples and Date of Receipt:

4 Solid samples were received on 03/14/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Cyanide, Ignitability, Mercury, Metals ICP-TAL, METALS-TAL, PCB, pH, Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA and TCLP ZHE Extraction. This data package contains results for pH,Cyanide,Sulfide,Ignitability.

C. Analytical Techniques:

The analysis of Ignitability was based on method 1030, The analysis of Cyanide was based on method 9012B, The analysis of Sulfide was based on method 9034 and The analysis of pH was based on method 9045D.

D. QA/ QC Samples:

The Holding Times were met for all samples except for TAP-IDW-SOIL-031325-01 of pH, for TAP-IDW-SOIL-031325-02 of pH as these samples are received out of holding time.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

E. Additional Comments:

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_





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
Ε	Indicates the reported value is estimated because of the presence of interference
Μ	Indicates Duplicate injection precision not met.
Ν	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 OR	 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 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
Н	Sample Analysis Out Of Hold Time



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.
В	Indicates the analyte was found in the blank as well as the sample report as "12 B".
Ε	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.
Р	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".
Ν	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.
Α	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



APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1569

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)	<u> </u>
Check chain-of-custody for proper relinquish/return of samples	
Is the chain of custody signed and complete	<u> </u>
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	<u> </u>
Collect information for each project id from server. Were all requirements followed	<u> </u>
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	<u> </u>
Do lab numbers and client Ids on cover page agree with the Chain of Custody	<u> </u>
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	<u> </u>
Do requested analyses on Chain of Custody agree with the log-in page	<u> </u>
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	
Were the samples received within hold time	<u>✓</u>
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	<u> </u>
ANALYTICAL:	
Was method requirement followed?	<u>✓</u>
Was client requirement followed?	<u>✓</u>
Does the case narrative summarize all QC failure?	<u>✓</u>
All runlogs and manual integration are reviewed for requirements	1
	<u> </u>
All manual calculations and /or hand notations verified	

QA Review Signature: MOHAMMAD AHMED



SDG No.:

Hit Summary Sheet SW-846

Client: Weston Solutions

Q1569

Sample ID	Client ID Ma	trix Parameter	Concentration	C MDL	LOD	RDL	Units
Client ID:	TAP-IDW-SOIL-031325-0	1					
Q1569-02	TAP-IDW-SOIL-03 TCLP	2-Butanone	30.2	0.98	2.50	25.0	ug/L
		Total Voc :	30.2				
		Total Concentration:	30.2				
Client ID:	TAP-IDW-SOIL-031325-0	2					
Q1569-05	TAP-IDW-SOIL-03 TCLP	2-Butanone	25.4	0.98	2.50	25.0	ug/L
		Total Voc :	25.4				
		Total Concentration:	25.4				

5

B C

D





A B C D



Report of Analysis

Client:	Weston Solutions	Date Collected:	03/13/25
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Date Received:	03/14/25
Client Sample ID:	TAP-IDW-SOIL-031325-01	SDG No.:	Q1569
Lab Sample ID:	Q1569-02	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID: 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID	
VX045307.D	1		03/17/25 15:49	VX031725	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	5.00	ug/L
78-93-3	2-Butanone	30.2		0.98	2.50	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	5.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	5.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.75	U	0.22	0.75	5.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	5.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	5.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	5.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	55.2		81 - 118		110%	SPK: 50
1868-53-7	Dibromofluoromethane	52.6		80 - 119		105%	SPK: 50
2037-26-5	Toluene-d8	52.9		89 - 112		106%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		85 - 114		104%	SPK: 50
INTERNAL STA	ANDARDS						
363-72-4	Pentafluorobenzene	76400	5.549				
540-36-3	1,4-Difluorobenzene	150000	6.757				
3114-55-4	Chlorobenzene-d5	136000	10.055				
3855-82-1	1,4-Dichlorobenzene-d4	53700	12.024				

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

B



Report of Analysis

Client:	Weston Solutions	Date Collected:	03/13/25
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Date Received:	03/14/25
Client Sample ID:	TAP-IDW-SOIL-031325-02	SDG No.:	Q1569
Lab Sample ID:	Q1569-05	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID: 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045308.D	1		03/17/25 16:12	VX031725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	0.75	U	0.26	0.75	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.23	0.75	5.00	ug/L
78-93-3	2-Butanone	25.4		0.98	2.50	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	5.00	ug/L
67-66-3	Chloroform	0.50	U	0.25	0.50	5.00	ug/L
71-43-2	Benzene	0.50	U	0.15	0.50	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.75	U	0.22	0.75	5.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.090	0.75	5.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.23	0.50	5.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.12	0.50	5.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	57.3		81 - 118		115%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		80 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	51.8		89 - 112		104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		85 - 114		103%	SPK: 50
INTERNAL ST	ANDARDS						
363-72-4	Pentafluorobenzene	71700	5.544				
540-36-3	1,4-Difluorobenzene	147000	6.757				
3114-55-4	Chlorobenzene-d5	133000	10.049				
3855-82-1	1,4-Dichlorobenzene-d4	52700	12.018				

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

B



С

D

LAB CHRONICLE

OrderID: Client: Contact:	t: Weston Solutions			OrderDate: Project: Location:	3/14/2025 10:4 Fort Meade ME I31,I33		Parcel RI - 011	1169
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1569-02	TAP-IDW-SOIL-03132 5-01	TCLP		00000	03/13/25		02/17/25	03/14/25
Q1569-05	TAP-IDW-SOIL-03132 5-02	TCLP	TCLP VOA	8260D	03/13/25		03/17/25	03/14/25
	0.01		TCLP VOA	8260D			03/17/25	



SDG No.:

Sample ID

Client ID :

Client:

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

		Hit Summary Sheet SW-846							B C
Q1569									D
Q1509									
Weston Solutions									
Client ID	Matrix	Parameter	Concentration	С	MDL	LOD	RDL	Units	

	0.000
Total Svoc :	0.00
Total Concentration:	0.00

Q1569

6





A B C D



Weston Solutions

Client:

1520-96-3

Perylene-d12

Date Collected:

03/17/25

Report of Analysis

Project:	Fort Meade MD 7	Fipton Airfield Parcel	RI - 0111169)	Date Received:	03/17/25	5
Client Sample ID	D: PB167133TB	133TB			SDG No.:	Q1569	
Lab Sample ID:	PB167133TB				Matrix:	TCLP	
Analytical Metho					% Solid:	0	
2		-					-
Sample Wt/Vol:	100 Units:				Final Vol:	1000	uL
Soil Aliquot Vol:		uL			Test:	TCLP B	NA
Extraction Type :	:	Decar	nted : N		Level :	LOW	
Injection Volume	2:	GPC Factor :	1.0		GPC Cleanup :	N	PH :
Prep Method :	SW3541						
File ID/Qc Batch:	Dilution:	Prep Date		Date A	Analyzed	Prep Batch	ÍD
BF141989.D	1	03/17/25 1	0:15	03/18	8/25 11:28	PB167168	
CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS 110-86-1	Pyridine	40.0	U	12.8	40.0	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	40.0	U	5.30	40.0	50.0	ug/L
95-48-7	2-Methylphenol	40.0	U	11.2	40.0	50.0	ug/L
65794-96-9	3+4-Methylphenols	80.0	U	11.0	80.0	100	ug/L
67-72-1	Hexachloroethane	40.0	U	6.50	40.0	50.0	ug/L
98-95-3	Nitrobenzene	40.0	U	7.60	40.0	50.0	ug/L
87-68-3	Hexachlorobutadiene	40.0	U	5.40	40.0	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	40.0	U	5.10	40.0	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	40.0	U	6.20	40.0	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	40.0	U	12.2	40.0	50.0	ug/L
118-74-1	Hexachlorobenzene	40.0	U	5.20	40.0	50.0	ug/L
87-86-5	Pentachlorophenol	80.0	U	15.8	80.0	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136		19 - 119		91%	SPK: 150
13127-88-3	Phenol-d6	131		10 - 130		87%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.8		44 - 120		97%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.9		44 - 119		96%	SPK: 100
118-79-6	2,4,6-Tribromophenol	146		43 - 140		98%	SPK: 150
1718-51-0	Terphenyl-d14	99.2		50 - 134		99%	SPK: 100
INTERNAL STANI							
3855-82-1	1,4-Dichlorobenzene-d4	154000					
1146-65-2	Naphthalene-d8	600000					
15067-26-2	Acenaphthene-d10	341000					
1517-22-2	Phenanthrene-d10	613000					
1719-03-5	Chrysene-d12	422000	14.039				

15.515

358000



С

	Report	of Ana	lysis
--	--------	--------	-------

Client:	Weston Solutions			Date	Collected:		03/17/25	
Project:	Fort Meade MD Ti	pton Airfield Parcel	RI - 0111169	Date	Received:		03/17/25	
Client Sample ID:	PB167133TB			SDG	No.:		Q1569	
Lab Sample ID:	PB167133TB			Matr	ix:		TCLP	
Analytical Method:	SW8270			% Sc	olid:		0	
Sample Wt/Vol:	100 Units:	mL		Final	Vol:		1000	uL
Soil Aliquot Vol:		uL		Test:			TCLP BNA	
Extraction Type :		Decar	nted : N	Leve	1:		LOW	
Injection Volume :		GPC Factor :	1.0	GPC	Cleanup :	Ν	PH :	
Prep Method :	SW3541							
File ID/Qc Batch:	Dilution:	Prep Date		Date Analyze	d	Pro	ep Batch ID	
BF141989.D	1	03/17/25 1	0:15	03/18/25 11:2	28	PE	3167168	J
CAS Number Pa	ırameter	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



6

TAP-IDW-SOIL-0 Q1569-02 SW8270 100 Units: SW3541 Dilution: 1 Dilution: 1 Tridine 4-Dichlorobenzene Methylphenol	ipton Airfield Parcel 31325-01 mL uL Decar GPC Factor : Prep Date 03/17/25 1 Conc. 40.0 40.0 40.0 40.0	nted : N 1.0	Date A	Date Collected: Date Received: SDG No.: Matrix: % Solid: Final Vol: Test: Level : GPC Cleanup : Analyzed 25 12:03 LOD	03/13/25 03/14/25 Q1569 TCLP 0 1000 TCLP BN LOW N Prep Batch I PB167168 LOQ / CRQL 50.0	uL NA PH :
TAP-IDW-SOIL-0 Q1569-02 SW8270 100 Units: SW3541 Dilution: 1 Dilution: 1 Tridine 4-Dichlorobenzene Methylphenol	MI uL Decar GPC Factor : Prep Date 03/17/25 1 Conc. 40.0 40.0	nted : N 1.0 0:15 Qualifier U	Date A 03/18/ MDL	SDG No.: Matrix: % Solid: Final Vol: Test: Level : GPC Cleanup : Analyzed (25 12:03 LOD	Q1569 TCLP 0 1000 TCLP BN LOW N Prep Batch I PB167168	uL NA PH : D Units
Q1569-02 SW8270 100 Units: SW3541 Dilution: 1 trameter tridine 4-Dichlorobenzene Methylphenol	mL uL Decar GPC Factor : Prep Date 03/17/25 1 Conc. 40.0 40.0	1.0 0:15 Qualifier U	Date A 03/18/ MDL	Matrix: % Solid: Final Vol: Test: Level : GPC Cleanup : Analyzed (25 12:03 LOD	TCLP 0 1000 TCLP BN LOW N Prep Batch I PB167168 LOQ / CRQL	NA PH : D Units
SW8270 100 Units: SW3541 Dilution: 1 arameter vridine 4-Dichlorobenzene Methylphenol	uL Decar GPC Factor : Prep Date 03/17/25 1 Conc. 40.0 40.0	1.0 0:15 Qualifier U	Date A 03/18/ MDL	% Solid: Final Vol: Test: Level : GPC Cleanup : Analyzed 25 12:03 LOD	0 1000 TCLP BN LOW N Prep Batch I PB167168	NA PH : D Units
SW8270 100 Units: SW3541 Dilution: 1 arameter vridine 4-Dichlorobenzene Methylphenol	uL Decar GPC Factor : Prep Date 03/17/25 1 Conc. 40.0 40.0	1.0 0:15 Qualifier U	Date A 03/18/ MDL	Final Vol: Test: Level : GPC Cleanup : Analyzed 25 12:03 LOD	1000 TCLP BN LOW N Prep Batch I PB167168 LOQ / CRQL	NA PH : D Units
100Units:SW3541Dilution:Dilution:11IarameterIvridineI4-DichlorobenzeneMethylphenol	uL Decar GPC Factor : Prep Date 03/17/25 1 Conc. 40.0 40.0	1.0 0:15 Qualifier U	Date A 03/18/ MDL	Final Vol: Test: Level : GPC Cleanup : Analyzed 25 12:03 LOD	1000 TCLP BN LOW N Prep Batch I PB167168 LOQ / CRQL	NA PH : D Units
SW3541 Dilution: 1 arameter vridine 4-Dichlorobenzene Methylphenol	uL Decar GPC Factor : Prep Date 03/17/25 1 Conc. 40.0 40.0	1.0 0:15 Qualifier U	Date A 03/18/ MDL	Test: Level : GPC Cleanup : Analyzed /25 12:03 LOD	TCLP BN LOW N Prep Batch I PB167168 LOQ / CRQL	NA PH : D Units
Dilution: 1 arameter vridine 4-Dichlorobenzene Methylphenol	Decar GPC Factor : Prep Date 03/17/25 1 Conc. 40.0 40.0	1.0 0:15 Qualifier U	Date A 03/18/ MDL	Level : GPC Cleanup : Analyzed (25 12:03 LOD	LOW N Prep Batch I PB167168 LOQ / CRQL	PH : D Units
Dilution: 1 arameter vridine 4-Dichlorobenzene Methylphenol	GPC Factor : Prep Date 03/17/25 1 Conc. 40.0 40.0	1.0 0:15 Qualifier U	Date A 03/18/ MDL	GPC Cleanup : Analyzed /25 12:03 LOD	N Prep Batch I PB167168 LOQ / CRQL	D Units
Dilution: 1 arameter vridine 4-Dichlorobenzene Methylphenol	Prep Date 03/17/25 1 Conc. 40.0 40.0	0:15 Qualifier U	03/18/ MDL	Analyzed /25 12:03 LOD	Prep Batch I PB167168 LOQ / CRQL	D Units
Dilution: 1 arameter vridine 4-Dichlorobenzene Methylphenol	03/17/25 1 Conc. 40.0 40.0	Qualifier U	03/18/ MDL	25 12:03	PB167168	Units
1 arameter vridine 4-Dichlorobenzene Methylphenol	03/17/25 1 Conc. 40.0 40.0	Qualifier U	03/18/ MDL	25 12:03	PB167168	Units
arameter vridine 4-Dichlorobenzene Methylphenol	Conc. 40.0 40.0	Qualifier U	MDL	LOD	LOQ / CRQL	
ridine 4-Dichlorobenzene Methylphenol	40.0 40.0	U				
4-Dichlorobenzene Methylphenol	40.0		12.8	40.0	50.0	ug/L
4-Dichlorobenzene Methylphenol	40.0		12.8	40.0	50.0	ug/L
4-Dichlorobenzene Methylphenol	40.0					
	40.0	U	5.30	40.0	50.0	ug/L
	+0.0	U	11.2	40.0	50.0	ug/L
-4-Methylphenols	80.0	U	11.0	80.0	100	ug/L
exachloroethane	40.0	U	6.50	40.0	50.0	ug/L
itrobenzene	40.0	U	7.60	40.0	50.0	ug/L
exachlorobutadiene	40.0	U	5.40	40.0	50.0	ug/L
4,6-Trichlorophenol	40.0	U	5.10	40.0	50.0	ug/L
4,5-Trichlorophenol	40.0	U	6.20	40.0	50.0	ug/L
4-Dinitrotoluene	40.0	U	12.2	40.0	50.0	ug/L
exachlorobenzene	40.0	U	5.20	40.0	50.0	ug/L
entachlorophenol	80.0	U	15.8	80.0	100	ug/L
Fluorophenol						SPK: 150
						SPK: 150
						SPK: 100
						SPK: 100
						SPK: 150
erphenyl-d14	103		50 - 134		103%	SPK: 100
RDS		<				
	exachlorobenzene ntachlorophenol Fluorophenol enol-d6 trobenzene-d5 Fluorobiphenyl 4,6-Tribromophenol rphenyl-d14	exachlorobenzene40.0ntachlorophenol80.0Fluorophenol138enol-d6124trobenzene-d5104Fluorobiphenyl1004,6-Tribromophenol174rphenyl-d14103RDSH-Dichlorobenzene-d4146000uphthalene-d8574000enanphthene-d10334000enanthrene-d10612000urysene-d12453000	exachlorobenzene 40.0 U ntachlorophenol 80.0 U Fluorophenol 138 enol-d6 124 trobenzene-d5 104 Fluorobiphenyl 100 4,6-Tribromophenol 174 rphenyl-d14 103 RDS 574000 8.157 enaphthene-d10 334000 9.91 enanthrene-d10 612000 11.398 arysene-d12 453000 14.039	exachlorobenzene 40.0 U 5.20 ntachlorophenol 80.0 U 15.8 Fluorophenol 138 $19 - 119$ enol-d6 124 $10 - 130$ trobenzene-d5 104 $44 - 120$ Fluorobiphenyl 100 $44 - 119$ $4,6$ -Tribromophenol 174 $43 - 140$ rphenyl-d14 103 $50 - 134$ RDS 4 -Dichlorobenzene-d4 146000 6.881 574000 8.157 enaphthene-d10 334000 9.91 enanthrene-d10 612000 11.398 enysene-d12 453000 14.039	exachlorobenzene 40.0 U 5.20 40.0 ntachlorophenol 80.0 U 15.8 80.0 Fluorophenol 138 19 - 119 enol-d6 124 10 - 130 trobenzene-d5 104 44 - 120 Fluorobiphenyl 100 44 - 119 4,6-Tribromophenol 174 43 - 140 rphenyl-d14 103 50 - 134 RDS - - 4-Dichlorobenzene-d4 146000 6.881 uphthalene-d8 574000 8.157 eenaphthene-d10 334000 9.91 enanthrene-d10 612000 11.398 arysene-d12 453000 14.039	exachlorobenzene 40.0 U 5.20 40.0 50.0 ntachlorophenol 80.0 U 15.8 80.0 100 Fluorophenol 138 19 - 119 92% enol-d6 124 10 - 130 83% trobenzene-d5 104 44 - 120 104% Fluorobiphenyl 100 44 - 119 100% 4,6-Tribromophenol 174 43 - 140 116% rphenyl-d14 103 50 - 134 103% RDS Etemphthalene-d8 574000 8.157 eenaphthene-d10 334000 9.91 - - enanthrene-d10 612000 11.398 - - erysen-d12 453000 14.039 - -



5	В
-	C

Client:	Weston Solut	ons		D	Date Collected:	03/1	13/25
Project:	Fort Meade N	Fort Meade MD Tipton Airfield Parcel RI - 0111169 Date Received: 03/14/25					
Client Sample ID	TAP-IDW-SO	DIL-031325-01		S	DG No.:	Q15	569
Lab Sample ID:	Q1569-02			Ν	fatrix:	TCI	L P
Analytical Metho	od: SW8270			0/	6 Solid:	0	
Sample Wt/Vol:	100 U	nits: mL		F	inal Vol:	100	0 uL
Soil Aliquot Vol:		uL		Т	est:	TCI	LP BNA
Extraction Type :		Decar	nted : N	L	evel :	LO	W
Injection Volume	:	GPC Factor :	1.0	G	PC Cleanup :	Ν	PH :
Prep Method :	SW3541						
File ID/Qc Batch:	Dilution:	Prep Date		Date Anal	lyzed	Prep Ba	atch ID
BF141990.D	1	03/17/25 1	0:15	03/18/25	12:03	PB167	168
CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CR	RQL Units

Report of Analysis

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



6

B C

D

			Repor	t of Anal	ysis			
Client:	Weston Solution	s				Date Collected:	03/13/25	
Project:	roject: Fort Meade MD Tipton			RI - 0111169		Date Received:	03/14/25	
Client Sample II						SDG No.:	Q1569	
Lab Sample ID:						Matrix:	TCLP	
-								
Analytical Meth						% Solid:	0	
Sample Wt/Vol:	100 Units	s: mL				Final Vol:	1000	uL
Soil Aliquot Vol		uL				Test:	TCLP BN	IA
Extraction Type	:		Decan	nted : N		Level :	LOW	
Injection Volum	e :	GF	PC Factor :	1.0		GPC Cleanup :	N	PH :
Prep Method :	SW3541					-		
File ID/Qc Batch:	Dilution:		Prep Date		Date A	Analyzed	Prep Batch II	D
BF141991.D	1		03/17/25 10	0:15		/25 12:32	PB167168	
CAS Number	Parameter		Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS								
110-86-1	Pyridine		40.0	U	12.8	40.0	50.0	ug/L
106-46-7	1,4-Dichlorobenzene		40.0	U	5.30	40.0	50.0	ug/L
95-48-7	2-Methylphenol		40.0	U	11.2	40.0	50.0	ug/L
65794-96-9	3+4-Methylphenols		80.0	U	11.0	80.0	100	ug/L
67-72-1	Hexachloroethane		40.0	U	6.50	40.0	50.0	ug/L
98-95-3	Nitrobenzene		40.0	U	7.60	40.0	50.0	ug/L
87-68-3	Hexachlorobutadiene		40.0	U	5.40	40.0	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol		40.0	U	5.10	40.0	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol		40.0	U	6.20	40.0	50.0	ug/L
121-14-2	2,4-Dinitrotoluene		40.0	U	12.2	40.0	50.0	ug/L
118-74-1	Hexachlorobenzene		40.0	U	5.20	40.0	50.0	ug/L
87-86-5	Pentachlorophenol		80.0	U	15.8	80.0	100	ug/L
SURROGATES								
367-12-4	2-Fluorophenol		133		19 - 119		89%	SPK: 150
13127-88-3	Phenol-d6		123		10 - 130		82%	SPK: 150
4165-60-0	Nitrobenzene-d5		98.0		44 - 120		98%	SPK: 100
321-60-8	2-Fluorobiphenyl		95.0		44 - 119		95%	SPK: 100
118-79-6	2,4,6-Tribromophenol		169		43 - 140		113%	SPK: 150
1718-51-0	Terphenyl-d14		104		50 - 134		104%	SPK: 100
NTERNAL STAN								
3855-82-1	1,4-Dichlorobenzene-d4		148000	6.881				
1146-65-2	Naphthalene-d8		587000	8.157				
15067-26-2	Acenaphthene-d10		339000	9.91				
	Phenanthrene-d10		630000	11.398				
1517-22-2 1719-03-5 1520-96-3	Chrysene-d12 Perylene-d12		432000 389000	14.039 15.509				



)	
	L	С

Client:	Weston Solution	S		Date Collected:	03/13/25	
Project:	Fort Meade MD	Tipton Airfield Parcel RI -	0111169	Date Received:	03/14/25	
Client Sample ID	TAP-IDW-SOI	-031325-02		SDG No.:	Q1569	
Lab Sample ID:	Q1569-05			Matrix:	TCLP	
Analytical Metho	od: SW8270			% Solid:	0	
Sample Wt/Vol:	100 Uni	s: mL		Final Vol:	1000	uL
Soil Aliquot Vol:		uL		Test:	TCLP BNA	
Extraction Type :		Decanted	: N	Level :	LOW	
Injection Volume	:	GPC Factor : 1	.0	GPC Cleanup :	N PH	:
Prep Method :	SW3541					
File ID/Qc Batch:	Dilution:	Prep Date		Date Analyzed	Prep Batch ID	
BF141991.D	1	03/17/25 10:15	5	03/18/25 12:32	PB167168	
CAS Number	Parameter	Conc. (Qualifier	MDL LOD	LOQ / CRQL	Units

Report of Analysis

- 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
- Q1569

- 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



A B C D

6

LAB CHRONICLE

OrderID: Client: Contact:	Q1569 Weston Solutions Nathan Fretz			OrderDate: Project: Location:	3/14/2025 10:4 Fort Meade ME I31,I33		Parcel RI - 011	1169
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1569-02	TAP-IDW-SOIL-03132 5-01	TCLP		00705	03/13/25	00/10/05	00/10/05	03/14/25
Q1569-05	TAP-IDW-SOIL-03132 5-02	TCLP	TCLP BNA	8270E	03/13/25	03/17/25	03/18/25	03/14/25
	5-02		TCLP BNA	8270E		03/17/25	03/18/25	



			Hit Su	mmary Sheet SW-846						Α
SDG No.:	Q1569			Order ID:	Q	1569				В
Client:	Weston Solutions			Project ID:		Fort Mea	le MD Tip	ton Airfie	ld Parce	С
Sample ID	Client ID	Matrix	Parameter	Concentration	(C MDL	LOD	RDL	Units	D
Client ID :										

0.000 **Total Concentration:**





A B C D



C D

Report	of A	nal	lysis
--------	------	-----	-------

Client:	Weston Solutions				Date Collected:			
Project:	Fort Meade MD Ti	Fort Meade MD Tipton Airfield Parcel RI - 0111169				03/19/2	25	
Client Sample ID:	PB167133TB	PB167133TB				Q1569		
Lab Sample ID:	PB167133TB				Matrix:	TCLP		
Analytical Method	l: SW8081				% Solid:	0	Decante	ed:
Sample Wt/Vol:	100 Units:	mL			Final Vol:	10000	uL	
Soil Aliquot Vol:		uL			Test:	TCLP	Pesticide	
Extraction Type:					Injection Volum	ie :		
GPC Factor :	1.0	PH :						
Prep Method :	SW3541B							
File ID/Qc Batch:	Dilution:	Prep	Date		Date Analyzed		Prep Batch ID	
PL094741.D	1	03/1	9/25 11:40)	03/19/25 16:54		PB167215	
CAS Number	Parameter	Conc.	Qualif	ïer MDL		LOD LO	Q / CRQL	Units
TARGETS								
58-89-9	gamma-BHC (Lindane)	0.10	U	0.037		0.10	0.50	ug/L
76-44-8	Heptachlor	0.10	U	0.027		0.10	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.25	U	0.096		0.25	0.50	ug/L
72-20-8	Endrin	0.10	U	0.032		0.10	0.50	ug/L
72-43-5	Methoxychlor	0.25	U	0.11		0.25	0.50	ug/L
8001-35-2	Toxaphene	5.00	U	1.70		5.00	10.0	ug/L
57-74-9	Chlordane	2.50	U	0.88		2.50	5.00	ug/L
SURROGATES								
2051-24-3	Decachlorobiphenyl	22.3		30 - 135	5		111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.8		44 - 124	4		109%	SPK: 20

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	

Q1569

36 of 62



C D

Report of Analysis

Weston Solutions				Date Collected:	03/13/2	25	
Fort Meade MD Ti	pton Airfield Pa	rcel RI - 0111	169	Date Received:	03/14/2	25	
TAP-IDW-SOIL-0	31325-01			SDG No.:	Q1569		
Q1569-02				Matrix:	TCLP		
Analytical Method: SW8081				% Solid	0	Decante	.d.
	mI						
100 Units.							
	uL			Test:	TCLP I	Pesticide	
				Injection Volum	e :		
1.0	PH :						
SW3541B							
Dilution:	Prep	Date		Date Analyzed		Prep Batch ID	
1	-	03/19/25 11:40				-	
-							
meter	Conc.	Qualifier	MDL		LOD LO	Q / CRQL	Units
ma-BHC (Lindane)	0.10	U	0.037		0.10	0.50	ug/L
tachlor	0.10	U	0.027		0.10	0.50	ug/L
tachlor epoxide	0.25	U	0.096		0.25	0.50	ug/L
rin	0.10	U	0.032		0.10	0.50	ug/L
hoxychlor	0.25	U	0.11		0.25	0.50	ug/L
aphene	5.00	U	1.70		5.00	10.0	ug/L
ordane	2.50	U	0.88		2.50	5.00	ug/L
achlorobiphenyl	25.0		30 - 135			125%	SPK: 20
achloro-m-xylene	22.4		44 - 124			112%	SPK: 20
	Fort Meade MD Ti TAP-IDW-SOIL-0 Q1569-02 SW8081 100 Units: 1.0 Units: Dilution: 1 Dilution: 1 meter ma-BHC (Lindane) tachlor epoxide tin noxychlor uphene ordane	Fort Meade MD Tipton Airfield Pa TAP-IDW-SOIL-031325-01 Q1569-02 SW8081 100 Units: mL uL 1.0 PH : SW3541B Dilution: Prep 1 03/1* meter Conc. ma-BHC (Lindane) 0.10 tachlor epoxide 0.25 tin 0.10 tachlor epoxide 0.25 uphene 5.00 ordane 2.50	Fort Meade MD Tipton Airfield Parcel RI - 0111 TAP-IDW-SOIL-031325-01 Q1569-02 SW8081 100 Units: mL uL100 Units: mL uLuL1.0PH : SW3541BDilution:Prep Date 1103/19/25 11:40meterConc.Qualifierma-BHC (Lindane)0.10U tachlor epoxide0.10U tachlor epoxide0.25U tin0.10U tachlor epoxide0.25U tinoxychlor0.25U tin0.10U toppeneachlorobiphenyl25.0U toppene	Fort Meade MD Tipton Airfield Parcel RI - 0111169 TAP-IDW-SOIL-031325-01 Q1569-02 SW8081 100 Units: nL 100 Units: mL nL 1.0 PH : SW3541B Dilution: Prep Date 1 03/19/25 11:40 meter Conc. Qualifier MDL ma-BHC (Lindane) 0.10 U 0.10 U 0.037 tachlor epoxide 0.25 U 0.096 in 0.10 U 0.032 noxychlor 0.25 U 0.11 uphene 5.00 U 1.70 rdane 2.50 U 0.88	Fort Meade MD Tipton Airfield Parcel RI - 0111169 Date Received: TAP-IDW-SOIL-031325-01 SDG No.: Q1569-02 Matrix: SW8081 % Solid: 100 Units: mL uL Test: uL Test: Nijection Volum 1.0 PH : SW3541B Dilution: Prep Date Date Analyzed 1 03/19/25 11:40 03/19/25 17:22 meter Conc. Qualifier MDL ma-BHC (Lindane) 0.10 U 0.037 tachlor 0.10 U 0.027 tachlor 0.10 U 0.032 oxychlor 0.25 U 0.096 tin 0.10 0.032 oxychlor 0.25 U 0.11 uphene 5.00 U 1.70 tachlorobiphenyl 25.0 30 - 135	Fort Meade MD Tipton Airfield Parcel RI - 0111169 Date Received: 03/14/2 TAP-IDW-SOIL-031325-01 SDG No.: Q1569 Q1569-02 Matrix: TCLP SW8081 "Solid: 0 100 Units: mL % Solid: 0 100 Units: mL Final Vol: 10000 100 Units: mL Test: TCLP I Injection Volume: 1 03/19/25 11:40 03/19/25 17:22 03/19/25 17:22 meter Conc. Qualifier MDL LOP LOP maa-BHC (Lindane) 0.10 U 0.037 0.10 iachlor 0.10 U 0.027 0.10 iachlor epoxide 0.25 U 0.096 0.25 in 0.10 U 0.032 0.10 inxexpender 0.25 U 0.11 0.25 inachlor epoxide 0.25 U 0.11 0.25 inachlor epoxide 2.50 U 0.88 2.50	Fort Meade MD Tipton Airfield Parcel RI - 0111169 Date Received: 03/14/25 TAP-IDW-SOIL-031325-01 SDG No.: Q1569-02 Q1569-02 Matrix: TCLP SW8081 0 Decante 100 Units: mL % Solid: 0 Decante 100 Units: mL Final Vol: 10000 uL uL uL Test: TCLP Pesticide Injection Volume : T 1.0 PH : SW3541B O3/19/25 11:40 03/19/25 17:22 PB167215 meter Conc. Qualifier MDL LOU LOQ / CRQL ma-BHC (Lindane) 0.10 U 0.027 0.10 0.50 iachlor 0.10 U 0.032 0.10 0.50 iachlor epoxide 0.25 U 0.096 0.25 0.50 inoxychlor 0.25 U 0.11 0.25 0.50 inoxychlor 0.25 U 0.10 0.50 0.50 inachlor epoxide 0.25 U 0.50 0.50 0.50

Comments:

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

37 of 62



C D

Report of Analysis

Client:	Client: Weston Solutions				Date Collected:	03/13/2	25		
Project:	Fort Meade MD T	ipton Airfield Pa	rcel RI - 0111	169	Date Received:	03/14/2	25		
Client Sample ID:	TAP-IDW-SOIL-0	31325-02			SDG No.:	Q1569			
Lab Sample ID:	Q1569-05				Matrix:	TCLP			
Analytical Method					% Solid:	0	Decante	əd.	
-		Ţ						.a.	
Sample Wt/Vol:	100 Units:	mL			Final Vol:	10000	uL		
Soil Aliquot Vol:		uL			Test:	TCLP	Pesticide		
Extraction Type:				Injection Volum	e :				
GPC Factor :	1.0	PH :							
Prep Method :	SW3541B								
File ID/Qc Batch:	File ID/Qc Batch: Dilution:		Prep Date				Prep Batch ID		
PL094746.D	1	03/1	9/25 11:40		03/19/25 18:08		PB167215		
CAS Number	Parameter	Conc.	Qualifier	MDL		LOD LO	Q / CRQL	Units	
TARGETS									
58-89-9	gamma-BHC (Lindane)	0.10	U	0.037		0.10	0.50	ug/L	
76-44-8	Heptachlor	0.10	U	0.027		0.10	0.50	ug/L	
1024-57-3	Heptachlor epoxide	0.25	U	0.096		0.25	0.50	ug/L	
72-20-8	Endrin	0.10	U	0.032		0.10	0.50	ug/L	
72-43-5	Methoxychlor	0.25	U	0.11		0.25	0.50	ug/L	
8001-35-2	Toxaphene	5.00	U	1.70		5.00	10.0	ug/L	
57-74-9	Chlordane	2.50	U	0.88		2.50	5.00	ug/L	
SURROGATES									
SUMOOTILS									
2051-24-3	Decachlorobiphenyl	26.2		30 - 135			131%	SPK: 20	

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	

Q1569

38 of 62



A B C D

LAB CHRONICLE

OrderID: Client: Contact:	Q1569 Weston Solutions Nathan Fretz			OrderDate: Project: Location:	3/14/2025 10:44:00 AM Fort Meade MD Tipton Airfield Parcel RI - 0111169 I31,I33				
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received	
Q1569-01	TAP-IDW-SOIL-03132 5-01	SOIL			03/13/25			03/14/25	
			PCB	8082A		03/14/25	03/14/25		
Q1569-02	TAP-IDW-SOIL-03132 5-01	TCLP			03/13/25			03/14/25	
			TCLP Pesticide	8081B		03/19/25	03/19/25		
Q1569-04	TAP-IDW-SOIL-03132 5-02	SOIL			03/13/25			03/14/25	
			PCB	8082A		03/14/25	03/14/25		
Q1569-05	TAP-IDW-SOIL-03132 5-02	TCLP			03/13/25			03/14/25	
			TCLP Pesticide	8081B		03/19/25	03/19/25		



			Hit Su	nmary Sheet SW-846	
SDG No.:	Q1569			Order ID: Q1569	В
Client:	Weston Solutions			Project ID: Fort Meade MD Tipton Ai	rfield Parcel C
Sample ID	Client ID	Matrix	Parameter	Concentration C MDL LOD RD	L Units D
Client ID :					

0.000 **Total Concentration:**





A B C D



Report of Analysis

6								
Client:	Weston Solution	18			Date Collected:	03/13/2	25	
Project:	Fort Meade MD	Tipton Airfield Pa	arcel RI - (0111169	Date Received:	ived: 03/14/25		
Client Sample I	D: TAP-IDW-SOII	L-031325-01			SDG No.:	Q1569	1	
Lab Sample ID:	Q1569-01				Matrix:	SOIL		
Analytical Meth	nod: SW8082A				% Solid:	76.6	Dec	canted:
								т
Sample Wt/Vol:	30.07 Unit	ts: g			Final Vol:	10000	1	uL
Soil Aliquot Vol	1:	uL			Test:	PCB		
Extraction Type	:				Injection Volum	e :		
GPC Factor :	1.0	PH :						
Prep Method :	SW3541B							
File ID/Qc Batc	h: Dilution:	Prep	Date		Date Analyzed		Prep Batcl	ı ID
PP070550.D	1	03/1	4/25 12:25	5	03/14/25 23:09		PB167143	
CAS Number	Parameter	Conc.	Quali	fier MDL		LOD LO	Q / CRQL	Units(Dry Weight)
TARGETS								
12674-11-2	Aroclor-1016	10.8	U	5.10		10.8	22.1	ug/kg
11104-28-2	Aroclor-1221	16.9	U	5.20		16.9	22.1	ug/kg
11141-16-5	Aroclor-1232	10.8	U	4.80		10.8	22.1	ug/kg
53469-21-9	Aroclor-1242	10.8	U	5.20		10.8	22.1	ug/kg
12672-29-6	Aroclor-1248	16.9	U	7.70		16.9	22.1	ug/kg
11097-69-1	Aroclor-1254	10.8	U	4.20		10.8	22.1	ug/kg
37324-23-5	Aroclor-1262	16.9	U	6.50		16.9	22.1	ug/kg
11100-14-4	Aroclor-1268	10.8	U	4.70		10.8	22.1	ug/kg
11100-14-4	1100101 1200							1, 1,

10.8

19.6

18.0

U

4.20

44 - 130

60 - 125

SURROGATES

11096-82-5

877-09-8

2051-24-3

Aroclor-1260

Tetrachloro-m-xylene

Decachlorobiphenyl

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

10.8

22.1

98%

90%

ug/kg

SPK: 20

SPK: 20

was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

42 of 62

B



Report of Analysis

Client: Weston Solutions Date Collected: $03/13/25$ Project: Fort Meade MD Tipton Airfield Parcel RI - 0111169 Date Received: $03/14/25$ Client Sample ID: TAP-IDW-SOIL-031325-02 SDG No.: Q1569 Lab Sample ID: Q1569-04 Matrix: SOIL Analytical Method: SW8082A % Solid: 73.3 Decanted: Sample Wt/Vol: 30.03 Units: g Final Vol: 10000 uL Soil Aliquot Vol: uL Test: PCB PCB Extraction Type: Injection Volume : SW3541B File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID P070551.D 1 03/14/25 12:25 03/14/25 23:25 PB167143 CAS Number Parametr Conc. Qualifier MDL IOD LOQ / CRQL Units/Dry Weig TARGETS Indecion-1221 17.7 U 5.50 17.3 23.2 ug/kg 11041-28-2 Aroclor-1221 17.7 U 5.50 11.3 23.2 ug/kg 1141-16-5 Aroclor-										
Client Sample ID: TAP-IDW-SOIL-031325-02 SDG No.: Q1569-04 Lab Sample ID: Q1569-04 Matrix: SOIL Analytical Method: SW8082A % Solid: 73.3 Decanted: Sample Wt/Vol: 30.03 Units: g Final Vol: 10000 uL Soil Aliquot Vol: uL uL Test: PCB Extraction Type: 1.0 PH : Prep Injection Volume : GPC Factor : 1.0 PH : Prep Method : SW3541B SW3541B Dilution: Prep Date Date Analyzed Prep Batch ID P070551.D 1 03/14/25 12.25 03/14/25 PI67143 Test: PI67143 CAS Number Parameter Cone. Qualifier MDL LOD LOQ / CRQL Units(Dry Weig TARGETS I104-28-2 Arcolor-1016 11.3 U 5.40 11.3 23.2 ug/kg 11141-16-5 Arcolor-1232 11.3 U 5.10 11.3 23.2 ug/kg 1104-28-2 Arcolor-1242 11.3 U <td< td=""><td>Client:</td><td>Weston Solut</td><td>tions</td><td></td><td></td><td>Date Collected:</td><td>03/13/2</td><td>25</td><td></td></td<>	Client:	Weston Solut	tions			Date Collected:	03/13/2	25		
Lab Sample ID: Q1569-04 Matrix: SOIL Analytical Method: SW8082A % Solid: 73.3 Decanted: Sample Wt/Vol: 30.03 Units: g Final Vol: 10000 uL Soil Aliquot Vol: uL Test: PCB Extraction Type: Injection Volume : Injection Volume : GPC Factor : 1.0 PH : Prep Method : SW3541B Prep Date Date Analyzed Prep Batch ID P070551.D 1 03/14/25 12:25 03/14/25 23:25 PB167143 TARGETS 12674-11-2 Aroclor-1016 11.3 U 5.40 11.3 23.2 ug/kg 11104-28-2 Aroclor-1221 17.7 U 5.50 17.7 23.2 ug/kg 11104-28-2 Aroclor-1232 11.3 U 5.10 11.3 23.2 ug/kg 11114-16-5 Aroclor-1242 11.3 U 5.50 17.7 23.2 ug/kg 12674-11-2 Aroclor-1242 11.3 U 5.50 11.3 23.2 ug/kg 11141-16-5 <td< td=""><td>Project:</td><td>Fort Meade M</td><td>MD Tipton Airfield Pa</td><td>arcel RI -</td><td>0111169</td><td>Date Received:</td><td>03/14/2</td><td colspan="3">03/14/25</td></td<>	Project:	Fort Meade M	MD Tipton Airfield Pa	arcel RI -	0111169	Date Received:	03/14/2	03/14/25		
Analytical Method: SW8082A % Solid: 73.3 Decanted: Sample Wt/Vol: 30.03 Units: g Final Vol: 10000 uL Soil Aliquot Vol: uL uL Test: PCB PCB Extraction Type: Injection Volume : Injection Volume : Injection Volume : Injection Volume : GPC Factor : 1.0 PH : Prep Method : SW3541B Prep Date Date Analyzed Prep Batch ID P070551.D 1 03/14/25 12:25 03/14/25 23:25 PB167143 Injectory Weig TARGETS Targetrs Targetrs Injector-1016 I1.3 U 5.40 I1.3 23.2 ug/kg 11104-28-2 Arcolor-1016 I1.3 U 5.40 I1.3 23.2 ug/kg 11104-28-2 Arcolor-121 I7.7 U 5.50 I7.7 23.2 ug/kg 11104-28-2 Arcolor-1242 I1.3 U 5.10 I1.3 23.2 ug/kg 12674-11-2 Arcolor-1242 I1.3 U 5.00 I1.3 23.2 ug/kg	Client Sample I	D: TAP-IDW-S	OIL-031325-02			SDG No.:	Q1569)		
Sample Wt/Vol: 30.03 Units: g Final Vol: 10000 uL Soil Aliquot Vol: uL Test: PCB Injection Volume : Injection V	Lab Sample ID:	Q1569-04				Matrix:	SOIL			
Sample Wt/Vol: 30.03 Units: g Final Vol: 10000 uL Soil Aliquot Vol: uL uL Test: PCB PCB Extraction Type: Injection Volume : Injection Volume : PCB GPC Factor : 1.0 PH : Prep Method : SW3541B File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PP070551.D 1 03/14/25 12:25 03/14/25 23:25 PB167143 CAS Number Parameter Conc. Qualifier MDL LOD LOQ / CRQL Units(Dry Weig 1104-28-2 Aroclor-1016 11.3 U 5.40 11.3 23.2 ug/kg 11141-16-5 Aroclor-1221 17.7 U 5.50 17.7 23.2 ug/kg 11141-16-5 Aroclor-1242 11.3 U 5.10 11.3 23.2 ug/kg 11141-16-5 Aroclor-1242 11.3 U 5.50 11.3 23.2 ug/kg 1104-28-2 Aroclor-1242 11.3 U 5.50 11.3	Analytical Meth	nod: SW8082A				% Solid:	73.3	Dec	canted:	
Soil Aliquot Vol: uL Test: PCB Extraction Type: Injection Volume : Injection Volume : GPC Factor : 1.0 PH : Injection Volume : Prep Method : SW3541B SW3541B Prep Date Date Analyzed Prep Batch ID File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID Portos51.D 1 03/14/25 12:25 03/14/25 23:25 PB167143 Conc. Qualifier MDL LOD LOQ / CRQL Units(Dry Weig TARGETS 12674-11-2 Arcolor-1016 11.3 U 5.40 11.3 23.2 ug/kg 11141-16-5 Arcolor-1221 17.7 U 5.50 17.7 23.2 ug/kg 53469-21-9 Arcolor-1242 11.3 U 5.10 11.3 23.2 ug/kg 12672-29-6 Arcolor-1248 17.7 U 8.10 17.7 23.2 ug/kg 1097-69-1 Arcolor-1254 11.3 U 4.40 11.3 23.2 ug/kg 37324-23-5 <			Inits: a						ul	
Injection Volume : Extraction Type: Injection Volume : GPC Factor : 1.0 PH : Prep Method : SW3541B File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PP070551.D 1 03/14/25 12:25 O3/14/25 23:25 PB167143 CAS Number Parameter Conc. Qualifier MDL LOD LOQ/CRQL Units(Dry Weig TARGETS 12674-11-2 Aroclor-1016 11.3 U 5.40 11.3 23.2 ug/kg 1104-28-2 Aroclor-1221 17.7 U 5.50 17.7 23.2 ug/kg 11141-16-5 Aroclor-1232 11.3 U 5.10 11.3 23.2 ug/kg 53469-21-9 Aroclor-1242 11.3 U 5.50 11.3 23.2 ug/kg 12672-29-6 Aroclor-1248 17.7 U 8.10 17.7 23.2 u	·		C						uL	
GPC Factor : 1.0 PH : Prep Method : SW3541B File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID P070551.D 1 03/14/25 12:25 03/14/25 23:25 PB167143 CAS Number Parameter Conc. Qualifier MDL LOD LOQ / CRQL Units(Dry Weig TARGETS 12674-11-2 Aroclor-1016 11.3 U 5.40 11.3 23.2 ug/kg 1104-28-2 Aroclor-1221 17.7 U 5.50 17.7 23.2 ug/kg 1141-16-5 Aroclor-1232 11.3 U 5.10 11.3 23.2 ug/kg 53469-21-9 Aroclor-1242 11.3 U 5.50 11.3 23.2 ug/kg 12672-29-6 Aroclor-1248 17.7 U 8.10 17.7 23.2 ug/kg 1097-69-1 Aroclor-1254 11.3 U 4.40 11.3 23.2 ug/kg 37324-23-5 Aroclor-1262 17.7 U 6.80 17.7 23.2 ug/kg <td>Soil Aliquot Vol</td> <td>1:</td> <td>uL</td> <td></td> <td></td> <td>Test:</td> <td>PCB</td> <td></td> <td></td>	Soil Aliquot Vol	1:	uL			Test:	PCB			
Prep Method : SW3541B File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PP070551.D 1 03/14/25 12:25 03/14/25 23:25 PB167143 CAS Number Parameter Conc. Qualifier MDL LOD LOQ / CRQL Units(Dry Weig TARGETS I104-28-2 Aroclor-1016 11.3 U 5.40 11.3 23.2 ug/kg 11104-28-2 Aroclor-1221 17.7 U 5.50 17.7 23.2 ug/kg 11141-16-5 Aroclor-1232 11.3 U 5.10 11.3 23.2 ug/kg 53469-21-9 Aroclor-1242 11.3 U 5.50 17.7 23.2 ug/kg 12672-29-6 Aroclor-1248 17.7 U 8.10 17.7 23.2 ug/kg 11097-69-1 Aroclor-1254 11.3 U 4.40 11.3 23.2 ug/kg 37324-23-5 Aroclor-1262 17.7 U 6.80 17.7 23.2 ug/kg	Extraction Type	2:				Injection Volum	ie :			
File ID/Qc Batch: Dilution: Prep Date Date Analyzed Prep Batch ID PP070551.D 1 03/14/25 12:25 03/14/25 23:25 PB167143 CAS Number Parameter Conc. Qualifier MDL LOD LOQ / CRQL Units(Dry Weig TARGETS 11:3 U 5.40 11:3 23.2 ug/kg 1104-28-2 Aroclor-1016 11.3 U 5.50 17.7 23.2 ug/kg 11141-16-5 Aroclor-1232 11.3 U 5.10 11.3 23.2 ug/kg 53469-21-9 Aroclor-1242 11.3 U 5.50 17.7 23.2 ug/kg 12672-29-6 Aroclor-1248 17.7 U 8.10 17.7 23.2 ug/kg 11097-69-1 Aroclor-1254 11.3 U 4.40 11.3 23.2 ug/kg 37324-23-5 Aroclor-1262 17.7 U 6.80 17.7 23.2 ug/kg	GPC Factor :	1.0	PH :							
PP070551.D 1 03/14/25 12:25 03/14/25 23:25 PB167143 CAS Number Parameter Conc. Qualifier MDL LOD LOQ / CRQL Units(Dry Weig TARGETS 1104-28-2 Aroclor-1016 11.3 U 5.40 11.3 23.2 ug/kg 11104-28-2 Aroclor-1221 17.7 U 5.50 17.7 23.2 ug/kg 53469-21-9 Aroclor-1242 11.3 U 5.50 11.3 23.2 ug/kg 12672-29-6 Aroclor-1242 11.3 U 5.50 11.3 23.2 ug/kg 11097-69-1 Aroclor-1248 17.7 U 8.10 17.7 23.2 ug/kg 11097-69-1 Aroclor-1254 11.3 U 4.40 11.3 23.2 ug/kg 37324-23-5 Aroclor-1262 17.7 U 6.80 17.7 23.2 ug/kg	Prep Method :	SW3541B								
CAS Number Parameter Conc. Qualifier MDL LOD LOQ / CRQL Units(Dry Weig TARGETS 12674-11-2 Aroclor-1016 11.3 U 5.40 11.3 23.2 ug/kg 11104-28-2 Aroclor-1221 17.7 U 5.50 17.7 23.2 ug/kg 11141-16-5 Aroclor-1232 11.3 U 5.10 11.3 23.2 ug/kg 53469-21-9 Aroclor-1242 11.3 U 5.50 11.3 23.2 ug/kg 12672-29-6 Aroclor-1248 17.7 U 8.10 17.7 23.2 ug/kg 11097-69-1 Aroclor-1254 11.3 U 4.40 11.3 23.2 ug/kg 37324-23-5 Aroclor-1262 17.7 U 6.80 17.7 23.2 ug/kg	File ID/Qc Batc	h: Dilution:	Prer	o Date		Date Analyzed		Prep Batcl	n ID	
TARGETS 12674-11-2 Aroclor-1016 11.3 U 5.40 11.3 23.2 ug/kg 11104-28-2 Aroclor-1221 17.7 U 5.50 17.7 23.2 ug/kg 11141-16-5 Aroclor-1232 11.3 U 5.10 11.3 23.2 ug/kg 53469-21-9 Aroclor-1242 11.3 U 5.50 11.3 23.2 ug/kg 12672-29-6 Aroclor-1248 17.7 U 8.10 17.7 23.2 ug/kg 11097-69-1 Aroclor-1254 11.3 U 4.40 11.3 23.2 ug/kg 37324-23-5 Aroclor-1262 17.7 U 6.80 17.7 23.2 ug/kg	PP070551.D	1	03/1	4/25 12:2	.5	03/14/25 23:25		PB167143	i ,	
12674-11-2Aroclor-101611.3U5.4011.323.2ug/kg11104-28-2Aroclor-122117.7U5.5017.723.2ug/kg11141-16-5Aroclor-123211.3U5.1011.323.2ug/kg53469-21-9Aroclor-124211.3U5.5011.323.2ug/kg12672-29-6Aroclor-124817.7U8.1017.723.2ug/kg11097-69-1Aroclor-125411.3U4.4011.323.2ug/kg37324-23-5Aroclor-126217.7U6.8017.723.2ug/kg	CAS Number	Parameter	Conc.	Qual	ifier MDL		LOD LO	Q / CRQL	Units(Dry Weight)	
12674-11-2Aroclor-101611.3U5.4011.323.2ug/kg11104-28-2Aroclor-122117.7U5.5017.723.2ug/kg11141-16-5Aroclor-123211.3U5.1011.323.2ug/kg53469-21-9Aroclor-124211.3U5.5011.323.2ug/kg12672-29-6Aroclor-124817.7U8.1017.723.2ug/kg11097-69-1Aroclor-125411.3U4.4011.323.2ug/kg37324-23-5Aroclor-126217.7U6.8017.723.2ug/kg	TARGETS									
11141-16-5Aroclor-123211.3U5.1011.323.2ug/kg53469-21-9Aroclor-124211.3U5.5011.323.2ug/kg12672-29-6Aroclor-124817.7U8.1017.723.2ug/kg11097-69-1Aroclor-125411.3U4.4011.323.2ug/kg37324-23-5Aroclor-126217.7U6.8017.723.2ug/kg		Aroclor-1016	11.3	U	5.40		11.3	23.2	ug/kg	
53469-21-9Aroclor-124211.3U5.5011.323.2ug/kg12672-29-6Aroclor-124817.7U8.1017.723.2ug/kg11097-69-1Aroclor-125411.3U4.4011.323.2ug/kg37324-23-5Aroclor-126217.7U6.8017.723.2ug/kg	11104-28-2	Aroclor-1221	17.7	U	5.50		17.7	23.2	ug/kg	
12672-29-6Aroclor-124817.7U8.1017.723.2ug/kg11097-69-1Aroclor-125411.3U4.4011.323.2ug/kg37324-23-5Aroclor-126217.7U6.8017.723.2ug/kg	11141-16-5	Aroclor-1232	11.3	U	5.10		11.3	23.2	ug/kg	
11097-69-1Aroclor-125411.3U4.4011.323.2ug/kg37324-23-5Aroclor-126217.7U6.8017.723.2ug/kg	53469-21-9	Aroclor-1242	11.3	U	5.50		11.3	23.2	ug/kg	
37324-23-5 Aroclor-1262 17.7 U 6.80 17.7 23.2 ug/kg	12672-29-6	Aroclor-1248	17.7	U	8.10		17.7	23.2	ug/kg	
	11097-69-1	Aroclor-1254	11.3	U	4.40		11.3	23.2	ug/kg	
11100-14-4 Aroclor-1268 11.3 U 4.90 11.3 23.2 ug/kg	37324-23-5	Aroclor-1262	17.7	U	6.80		17.7	23.2	ug/kg	
	11100-14-4	Aroclor-1268	11.3	U	4.90		11.3	23.2	ug/kg	

11.3

22.7

20.2

U

4.40

44 - 130

60 - 125

11096-82-5

877-09-8

2051-24-3

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

Aroclor-1260

Tetrachloro-m-xylene

Decachlorobiphenyl

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

11.3

23.2

114%

101%

ug/kg

SPK: 20

SPK: 20

was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

8

B



A B C

D

8

LAB CHRONICLE

OrderID: Client: Contact:	Q1569 Weston Solutions Nathan Fretz			OrderDate: Project: Location:	3/14/2025 10:44:00 AM Fort Meade MD Tipton Airfield Parcel RI - 0111169 I31,I33				
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received	
Q1569-01	TAP-IDW-SOIL-03132 5-01	SOIL			03/13/25			03/14/25	
			PCB	8082A		03/14/25	03/14/25		
Q1569-04	TAP-IDW-SOIL-03132 5-02	SOIL			03/13/25			03/14/25	



			Hit Su	mmary Sheet SW-846						А
SDG No.:	Q1569			Order ID:	Q15	69				В
Client:	Weston Solutions			Project ID:	I	Fort Mead	le MD Tip	ton Airfie	ld Parce	С
Sample ID	Client ID	Matrix	Parameter	Concentration	С	MDL	LOD	RDL	Units	D
Client ID :										

Total Concentration: 0.000





A B C D



Ì	C
ì	D
	•

Report of Analysis

Client:	Weston Solutions	5			Date Collected:			
Project:	Fort Meade MD	Tipton Airfield Pa	rcel RI - 0111	169	Date Received:	03/19/25		
Client Sample ID:	PB167133TB				SDG No.:	Q1569		
Lab Sample ID:	PB167133TB				Matrix:	TCLP		
Analytical Method	: SW8151A				% Solid:	0	Decante	ed:
Sample Wt/Vol:	100 Units	: mL			Final Vol:	10000	uL	
Soil Aliquot Vol:		uL			Test:	TCLP He	erbicide	
Extraction Type:					Injection Volum	e :		
GPC Factor :	1.0	PH :						
Prep Method :	8151A							
File ID/Qc Batch:	Dilution:	Prep	Date		Date Analyzed]	Prep Batch ID	
PS029456.D	1	03/19	9/25 11:15		03/19/25 18:45]	PB167214	
CAS Number	Parameter	Conc.	Qualifier	MDL		LOD LOQ	/ CRQL	Units
TARGETS								
94-75-7	2,4-D	15.0	U	9.20		15.0	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	15.0	U	7.80		15.0	20.0	ug/L
SURROGATES 19719-28-9	2,4-DCAA	524		32 - 138			105%	SPK: 500

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	

47 of 62



Report of Analysis

Client:	Weston Solution	IS			Date Collected:	03/13/2	5		
Project:	Fort Meade MD	Tipton Airfield Pa	rcel RI - 01	1169	Date Received:	03/14/2:	03/14/25		
Client Sample ID:	TAP-IDW-SOIL	-031325-01			SDG No.:	Q1569			
Lab Sample ID:	Q1569-02				Matrix:	TCLP			
Analytical Method:	SW8151A				% Solid:	0	Decante	ed:	
Sample Wt/Vol:	100 Unit	s: mL			Final Vol:	10000	uL		
Soil Aliquot Vol:		uL			Test:	TCLP H	Ierbicide		
Extraction Type:					Injection Volum	e :			
GPC Factor :	1.0	PH :							
Prep Method :	8151A								
File ID/Qc Batch:	Dilution:	Prep	Date		Date Analyzed		Prep Batch ID)	
PS029460.D	1	03/1	9/25 11:15		03/19/25 21:10		PB167214		
AS Number	Parameter	Conc.	Qualifie	r MDL		LOD LOO) / CRQL	Units	
TARGETS									
	2,4-D	15.0	U	9.20		15.0	20.0	ug/L	
93-72-1	2,4,5-TP (Silvex)	15.0	U	7.80		15.0	20.0	ug/L	

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	

48 of 62

A B C D



B C D

Report of Analysis

Client:	Weston Solution	s			Date Collected:	03/13/2	5	
Project:	Fort Meade MD	Tipton Airfield Pa	rcel RI - 0111	169	Date Received:	03/14/25	5	
Client Sample ID:	TAP-IDW-SOIL	-031325-02			SDG No.:	Q1569		
Lab Sample ID:	Q1569-05				Matrix:	TCLP		
Analytical Method	d: SW8151A				% Solid:	0	Decante	ed:
Sample Wt/Vol:	100 Units	s: mL			Final Vol:	10000	uL	
Soil Aliquot Vol:		uL			Test:	TCLP H	Ierbicide	
Extraction Type:					Injection Volum	ie :		
GPC Factor :	1.0	PH :						
Prep Method :	8151A							
File ID/Qc Batch:	Dilution:	Prep	Date		Date Analyzed		Prep Batch ID)
PS029463.D	1	03/1	9/25 11:15		03/19/25 22:21		PB167214	
CAS Number	Parameter	Conc.	Qualifier	MDL		LOD LOQ) / CRQL	Units
TARGETS								
94-75-7	2,4-D	15.0	U	9.20		15.0	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	15.0	U	7.80		15.0	20.0	ug/L
SURROGATES 19719-28-9	2,4-DCAA	432		32 - 138			86%	SPK: 500

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	



Α

С

D

Q

LAB CHRONICLE

OrderID: Client: Contact:	Q1569 Weston Solutions Nathan Fretz			OrderDate: Project: Location:	3/14/2025 10:4 Fort Meade ME I31,I33		Parcel RI - 011	1169
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1569-01	TAP-IDW-SOIL-03132 5-01	SOIL			03/13/25			03/14/25
	0.01		PCB	8082A		03/14/25	03/14/25	
Q1569-02	TAP-IDW-SOIL-03132 5-01	TCLP			03/13/25			03/14/25
			TCLP Herbicide	8151A		03/19/25	03/19/25	
			TCLP Pesticide	8081B		03/19/25	03/19/25	
Q1569-04	TAP-IDW-SOIL-03132 5-02	SOIL			03/13/25			03/14/25
			PCB	8082A		03/14/25	03/14/25	
Q1569-05	TAP-IDW-SOIL-03132 5-02	TCLP			03/13/25			03/14/25
			TCLP Herbicide TCLP Pesticide	8151A 8081B		03/19/25 03/19/25	03/19/25 03/19/25	



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

Hit Summary Sheet SW-846

SDG No.:	Q1569			Order ID:		Q1569			
Client:	Weston Solutions			Project ID):	Fort Meade	MD Tipton Ai	irfield Parc	cel RI -
Sample ID	Client ID	Matrix	Parameter	Concentration	С	MDL	LOD	RDL	Units
Client ID :	TAP-IDW-SOIL-031325-01								
Q1569-02	TAP-IDW-SOIL-031325-01	TCLP	Barium	699		62.8	125	500	ug/L
Q1569-02	TAP-IDW-SOIL-031325-01	TCLP	Chromium	9.50	J	6.60	25.0	50.0	ug/L
Client ID :	TAP-IDW-SOIL-031325-02								
Q1569-05	TAP-IDW-SOIL-031325-02	TCLP	Barium	870		62.8	125	500	ug/L

B C

D









Report of Analysis

	Report of Analysi	15		
Client:	Weston Solutions	Date Collected:	03/13/25	
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Date Received:	03/14/25	- li
Client Sample ID:	TAP-IDW-SOIL-031325-01	SDG No.:	Q1569	1
Lab Sample ID:	Q1569-02	Matrix:	TCLP	
Level (low/med):	low	% Solid:	0	
Level (low/med):	low		()	

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LUQ/CKQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	80.0	U	1	34.8	80.0	100	ug/L	03/17/25 12:05	03/18/25 11:40	SW6010	SW3050
7440-39-3	Barium	699		1	62.8	125	500	ug/L	03/17/25 12:05	03/18/25 11:40	SW6010	SW3050
7440-43-9	Cadmium	7.50	U	1	0.94	7.50	30.0	ug/L	03/17/25 12:05	03/18/25 11:40	SW6010	SW3050
7440-47-3	Chromium	9.50	J	1	6.60	25.0	50.0	ug/L	03/17/25 12:05	03/18/25 11:40	SW6010	SW3050
7439-92-1	Lead	48.0	U	1	35.1	48.0	60.0	ug/L	03/17/25 12:05	03/18/25 11:40	SW6010	SW3050
7439-97-6	Mercury	1.60	U	1	0.76	1.60	2.00	ug/L	03/17/25 10:35	03/18/25 10:30	SW7470A	
7782-49-2	Selenium	80.0	U	1	58.8	80.0	100	ug/L	03/17/25 12:05	03/18/25 11:40	SW6010	SW3050
7440-22-4	Silver	25.0	U	1	5.80	25.0	50.0	ug/L	03/17/25 12:05	03/18/25 11:40	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP METALS			
•	of Quantitation			J = Estimated Value B = Analyte Found in Associated Method Blank
MDL = Methodologiest MDL = Limit of MDL = Limit o	od Detection Limit			 * = indicates the duplicate analysis is not within control limits. E = Indicates the reported value is estimated because of the presence
D = Dilution	of Detection			of interference.
Q = indicates	LCS control criteria did not mee	t requirements		OR = Over Range
				N =Spiked sample recovery not within control limits
0.1-00				4

53 of 62



Report of Analysis

	Report of Analys			
Client:	Weston Solutions	Date Collected:	03/13/25	
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Date Received:	03/14/25	
Client Sample ID:	TAP-IDW-SOIL-031325-02	SDG No.:	Q1569	
Lab Sample ID:	Q1569-05	Matrix:	TCLP	
Level (low/med):	low	% Solid:	0	

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	80.0	U	1	34.8	80.0	100	ug/L	03/17/25 12:05	03/18/25 11:36	SW6010	SW3050
7440-39-3	Barium	870		1	62.8	125	500	ug/L	03/17/25 12:05	03/18/25 11:36	SW6010	SW3050
7440-43-9	Cadmium	7.50	U	1	0.94	7.50	30.0	ug/L	03/17/25 12:05	03/18/25 11:36	SW6010	SW3050
7440-47-3	Chromium	25.0	U	1	6.60	25.0	50.0	ug/L	03/17/25 12:05	03/18/25 11:36	SW6010	SW3050
7439-92-1	Lead	48.0	U	1	35.1	48.0	60.0	ug/L	03/17/25 12:05	03/18/25 11:36	SW6010	SW3050
7439-97-6	Mercury	1.60	U	1	0.76	1.60	2.00	ug/L	03/17/25 10:35	03/18/25 10:43	SW7470A	
7782-49-2	Selenium	80.0	U	1	58.8	80.0	100	ug/L	03/17/25 12:05	03/18/25 11:36	SW6010	SW3050
7440-22-4	Silver	25.0	U	1	5.80	25.0	50.0	ug/L	03/17/25 12:05	03/18/25 11:36	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP METALS			
MDL = MethodologiesLOD = LimitedD = Dilution	of Quantitation od Detection Limit	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

54 of 62





LAB CHRONICLE

OrderID: Client: Contact:	Q1569 Weston Solutions Nathan Fretz			OrderDate: Project: Location:	3/14/2025 10:4 Fort Meade ME I31,I33		Parcel RI - 011	1169
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1569-02	TAP-IDW-SOIL-03132 5-01	TCLP			03/13/25			03/14/25
			TCLP ICP Metals	6010D		03/17/25	03/18/25	
			TCLP Mercury	7470A		03/17/25	03/18/25	
Q1569-05	TAP-IDW-SOIL-03132 5-02	TCLP			03/13/25			03/14/25
			TCLP ICP Metals TCLP Mercury	6010D 7470A		03/17/25 03/17/25	03/18/25 03/18/25	









Report of Analysis

- 6					В
	Client:	Weston Solutions	Date Collected:	03/13/25 10:20	
	Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Date Received:	03/14/25	
	Client Sample ID:	TAP-IDW-SOIL-031325-01	SDG No.:	Q1569	
	Lab Sample ID:	Q1569-01	Matrix:	SOIL	
			% Solid:	76.6	

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weigl	nt) Prep Date	Date Ana.	Ana Met.
Cyanide	0.26	U	1	0.054	0.26	0.32	mg/Kg	03/14/25 10:45	03/14/25 16:42	9012B
Ignitability	NO		1	0	0	0	oC		03/14/25 12:24	1030
pH	6.67	Η	1	0	0	0	pН		03/14/25 15:10	9045D
Sulfide	4.14	J	1	2.60	6.48	13.0	mg/Kg	03/19/25 13:40	03/19/25 15:51	9034

Comments: pH result reported at temperature 21.4 °C

- 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
- * = 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

				В
Client:	Weston Solutions	Date Collected:	03/13/25 10:50	
Project:	Fort Meade MD Tipton Airfield Parcel RI - 0111169	Date Received:	03/14/25	
Client Sample ID:	TAP-IDW-SOIL-031325-02	SDG No.:	Q1569	
Lab Sample ID:	Q1569-04	Matrix:	SOIL	
		% Solid:	73.3	J

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weigh	nt) Prep Date	Date Ana.	Ana Met.
Cyanide	0.26	U	1	0.054	0.26	0.32	mg/Kg	03/20/25 10:00	03/21/25 10:48	9012B
Ignitability	NO		1	0	0	0	oC		03/14/25 12:31	1030
pH	10.2	Η	1	0	0	0	pН		03/14/25 15:20	9045D
Sulfide	6.79	U	1	2.73	6.79	13.6	mg/Kg	03/19/25 13:40	03/19/25 16:03	9034

Comments: pH result reported at temperature 21.5 °C

- 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
- * = 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





A B C

OrderID: Client: Contact:	Q1569 Weston Solutions Nathan Fretz			OrderDate: Project: Location:	3/14/2025 10:4 Fort Meade ME I31,I33		Parcel RI - 011	1169
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1569-01	TAP-IDW-SOIL-03132 5-01	SOIL			03/13/25 10:20			03/14/25
			Cyanide	9012B		03/14/25	03/14/25 16:42	
			Ignitability	1030			03/14/25 12:24	
			рН	9045D			03/14/25 15:10	
			Sulfide	9034		03/19/25	03/19/25 15:51	
Q1569-04	TAP-IDW-SOIL-03132 5-02	SOIL			03/13/25 10:50			03/14/25
			Cyanide	9012B		03/20/25	03/21/25 10:48	
			Ignitability	1030			03/14/25 12:31	
			рН	9045D			03/14/25 15:20	
			Sulfide	9034		03/19/25	03/19/25 16:03	



<u>SHIPPING</u> DOCUMENTS

60 of 62

ody Rec	ord/Lab W	ork	Requ	est					Page	1	of	1		QIS69
Project Name:	Foi	rt Meade	RI		Pro	oject PO	C:			Natha	n Fretz		1	Matrix Codes
PO Number		0111169)			Phone:				484-52	4-5665		1	SS - Soil
W.O. #:					POC	e-mali:		nathar	.fretz(westor	nsolutions.	com	1	SE - Sediment
Lab:	Çł	HEMTEC	ж		L	ab POC				Jordan	Hedvat			SO - Solid
TAT (days):		21			La	b Phone) ;			908-72	8-3144		1	SL - Sludge
Lab Address:		:	284 Shef	field Stre	et Moun	tainside,	NJ 07	092						GW · Groundwater
		009			A.	A	0128	334			8		7	W - Water
		A 82	(EPA	A EP	ρλΕΙ	ы А	PA 9	PA 9	082/	45D	A 1030			SB - Soil Boring
Analyzas	Requested:	TCLP VOCs by EPA 8260D (1311)	P SVOCs by El 8270E (1311)	TCLP Metals by EPA 6010D/7470A	TCLP Pesticides by EPA 8081B	TCLP Herbicides by EPA 8151A	Total Cyanide by EPA 90126	Total Sulfide by EPA 9034	PCBs by EPA 8082A	EPA 9045D	Ignitability by EPA			A - Air
Hialyaca	rtequesteu.	(13 (13	SVO 270E	Meta 10D	estic 808	erbic 815	nide	tifide	by E	Ϋ́ΕΡ	llity b			DS - Drum Solids
		D X C	TCLP 82	6 CLP	LP P	H	Cya	at Su	CBs	pH by I	nitab			DL - Drum Liquids
		TCL	4	-	12	12	Tota	Iot	"		ĝ			L - EP/TCLP Leachate
	Container Type:	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass		1	WI - Wipe
	Container Size:	4 oz	8 oz	8 oz	8 oz	8 oz.	8 oz	8 oz	8 oz	8 oz	8 oz		1	X - Other
	Preservative:	Ice to 0-6	Ice to 0 6 deg			Ice to 0 6 deg c		Ice to 0-6	Ice to 0-	Ice to 0-6	Ice to 0-6		1	F - Fish
Date Collected	Time Collected												s	pecial instructions/Comments
0/40/0005	10,20	¥ #		w **		~ °					¥ *		here	Be as been der eren veren bereitetetetetetetetetetetetetetetetetete

e-mail:	david.sembro	ot@we	estonsol	utions.c	om	TAT (days):		21			La	b Phone	9;			908-72	8-3144			1	S	L - Sludge		
Sampled By:	Ch	eyenne	Harringtor	1		Lab Address:			284 Shef	field Stre	et Moun	tainside,	NJ 070	092							G	W · Groundwate	er.	
					5			00	1		K	A	012E	34		[8	1]	v	/ - Water		1
Lab	Use Only							A 82	EP.	A EP	μ Δ	Ш А	PA 9(PA 9(082/	45D	A 10				S	B - Soil Boring		1
rature of cooler when received (°C	C)					Anchinen	Deguastada	E E E	Cs by (131	als by 7470	ides 1B	ides 1A		DA E	PA 8	A 90	Υ Π				A	- Air		1
ape was present and unbroken or	n outer package?		Y	N		Analyses	nequested.	0Cs b (13	SVO 270E	Met:	estic 808	erbic 815	nide	tfide	by E	¥ EP	lity b				D	S - Drum Solida	5	
s received in good condition?			Y	N				N N N	2 2 8 2	CLP 00	4 4 1	H	Cya	aiSu	CBs	Hd	nitab				D	L - Drum Liquid	s	1
indicate properly preserved?		_	Y	N]			1CL	-		P	12	Tota	Tot	-		<u>6</u>				L	- EP/TCLP L	eachate	1
ed within holding times?			Y	N			Container Type:	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass	Glass			1	N	/I - Wipe		1
ancies between sample labels an	id COC record?		Y	N			Container Size:	4 oz	8 oz	8 oz	8 oz	8 oz.	8 oz	8 oz	8 oz	8 oz	8 oz			1	X	- Other		1
							Preservative:													1	F	- Fish		1
Sample ID		G/C	Matrix	# Cont	MS/MSD	Date Collected	Time Collected			a.											Special	Instructions/Co	omments	1
TAP-IDW-SOIL-031325-01		с	DS	7	no	3/13/2025	10:20	X	x	X [►]	X	X°	X	X	X	X	X			kvo	Cs no hr	adspace, prep	immediately	k
TAP-IDW-SOIL-031325-02		С	DS	7	no	3/13/2025	10:50	X	X	X	X ^e	X	X	X	X*	×	×			¥vo	Cs no h	eadspace, prep	immediately	*
																								Ť
																								1
																								1
																								1
																								1
																								1
																								1
																								1
																								1
																								1
	Sampled By: Lab rature of cooler when received (% ape was present and unbroken or is received in good condition? indicate properly preserved? ad within holding times? ancies between sample labels ar Sample ID FAP-IDW-SOIL-031325-01	Sampled By: Ch Lab Use Only rature of cooler when received (°C) ape was present and unbroken on outer package? as received in good condition? indicate properly preserved? ad within holding times? mancies between sample labels and COC record? Sample ID TAP-IDW-SOIL-031325-01	Sampled By: Cheyenne Lab Use Only Cheyenne rature of cooler when received (°C) ape was present and unbroken on outer package? ape was present and unbroken on outer package? as received in good condition? indicate properly preserved? ad within holding times? ancies between sample labels and COC record? G/C Sample ID G/C FAP-IDW-SOIL-031325-01 c	Sampled By: Cheyenne Harringtor Lab Use Only Fature of cooler when received (°C) ape was present and unbroken on outer package? Y ape was present and unbroken on outer package? Y indicate properly preserved? Y ad within holding times? Y mancies between sample labels and COC record? Y Sample ID G/C Matrix FAP-IDW-SOIL-031325-01 c DS	Sampled By: Cheyenne Harrington Lab Use Only Image: Cheyenne Harrington rature of cooler when received (°C) Y N ape was present and unbroken on outer package? Y N as received in good condition? Y N indicate properly preserved? Y N ad within holding times? Y N mancies between sample labels and COC record? Y N Sample ID G/C Matrix # Contt FAP-IDW-SOIL-031325-01 c DS 7	Sampled By: Cheyenne Harrington Lab Use Only rature of cooler when received (°C) ape was present and unbroken on outer package? Y N is received in good condition? Y N indicate property preserved? Y N ad within holding times? Y N ancies between sample labels and COC record? Y N Sample ID G/C Matrix # Cont MS/MSD FAP-IDW-SOIL-031325-01 c DS 7 no	Sampled By: Cheyenne Harrington Lab Address: Lab Use Only	Sampled By: Cheyenne Harrington Lab Use Only Analyses Requested: rature of cooler when received (°C) Y N ape was present and unbroken on outer package? Y N as received in good condition? Y N indicate properly preserved? Y N ad within holding times? Y N ancies between sample labels and COC record? Y N Sample ID G/C Matrix # Cont MS/MSD Date Collected Time Collected TAP-IDW-SOIL-031325-01 c DS 7 no 3/13/2025 10:20	Sampled By: Cheyenne Harrington Lab Use Only Image: Cheyenne Harrington rature of cooler when received (°C) Analyses Requested: Oppose Req	Sampled By: Cheyenne Harrington Lab Address: 284 Sheft Lab Use Only Analyses Requested: 000000000000000000000000000000000000	Sampled By: Cheyenne Harrington Lab Address: 284 Sheffield Stress Lab Use Only Tature of cooler when received (°C) Image: Cheyenne Harrington Image: Cheyenne Harrington<	Sampled By: Cheyenne Harrington Lab Address: 284 Sheffield Street Mount Lab Use Only Analyses Requested: QQ AT TAPE V A Streetived in good condition? V A Streetive indicate properly preserved? V A S	Sampled By: Cheyenne Harrington Lab Address: Z84 Sheffield Street Mountainside, Lab Use Only Image was present and unbroken on outer package? Y N ape was present and unbroken on outer package? Y N sreceived in good condition? Y N indicate propenty preserved? Y N ad within holding times? Y N ad within holding times? Y N Sample ID G/C Matrix # Cont MS/MSD Date Collected Time Collected FAP-IDW-SOIL-031325-01 c DS 7 no 3/13/2025 10:20 X X × X	Sampled By: Cheyenne Harrington Lab Use Only Lab Address: Z84 Sheffield Street Mountainside, NJ 074 Rature of cooler when received (°C) Analyses Requested: 000000000000000000000000000000000000	Sampled By: Cheyenne Harrington Lab Address: Z84 Sheffield Street Mountainside, NJ 07092 Lab Use Only Trature of cooler when received (°C) Image was present and unbroken on outer package? Y N ape was present and unbroken on outer package? Y N	Sampled By: Cheyenne Harrington Lab Use Only Lab Address: 284 Sheffield Street Mountainside, NJ 07092 Requested: N V N V N V N V N V N V N V N V N V N V N V N V N	Sampled By: Cheyenne Harrington Lab Address: 284 Sheffield Street Mountainside, NJ 07092 Lab Use Only Image: Street Mountainside Mountainsid	Sampled By: Cheyenne Harrington Lab Vise Only Lab Address: 284 Sheffield Street Mountainside, NJ 07092 rature of cooler when received (°C) Preservative: Preserva	Sampled By: Cheyenne Harrington Lab Use Only Lab Address: 284 Sheffield Street Mountainside, KJ 07092 rature of cooler when received (°C) Image was present and unbroken on outer package? Y N ape was present and unbroken on outer package? Y N ad within holding times? Y N ad within holding times? Y N actab Between sample labels and COC record? Y N Sample ID G/C Matrix # Cont MS/MSD Date Collected Time Collected Container Size 4 and 3 and	Sampled By:Cheyenne HarringtonLab Use OnlyCall Use OnlyVariation of cooler when received (°C)ape was present and unbroken on outer package?YNape was present and unbroken on outer package?YNandicate properly preserved?YNandicate properly preserved??YNandicate properly preserved??YNandicate properly preserved??YNandicate properly preserved??YNManalyses Requested:Glass	Sampled By: Cheyenne Harrington Lab Address: 284 Sheffield Street Mountaineide, NJ 07092 Lab Use Only Preservative of cooler when received (°C) Preservative of cooler when received (°C) Preservative of Container Size: V N ape was present and unbroken on outer package? Y N	Sampled By: Cheyenne Harrington Lab Address: Zead Sheffield Street Mountainside, NJ 07092 NU 07092 Nu Nu Lab Use Only	Sampled By: Cheyenne Harrington Lab Address: 284 Sheffield Street Mountlinetic. NJ 07022 GW. Groundwate W. Water SB - Soil Boring Lab Use Only	Sampled By: Cheyenne Harrington Lab Use Only

Shipping Airbili Number:	Shipping Airbill Number: 772696013376														
A Relinquished By	Date	Time	Received By	Date	Time	Additional Comments									
1/Um Hart	3/13/25	1315	$\mathcal{A}\mathcal{V}$	3/14/25	1000	QSM 6.0 Compliant									
2.)						Deliverable Requirements: DoD Level IV report, EnviroData EDD, and ERIS-compatible EDD									
3.)						2-9-6									

12 12.1

Weston_20250313_1208

Client:

Phone:

Project Manager:

Street Address:

Chain of Custody R

West Chester

PA, 19038

Weston Solutions, Inc.

David Sembrot

1400 Weston Way

610-314-5456

City:

ST, ZIP:

Weston COC ID



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