

ANALYTICAL RESULTS SUMMARY

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

PROJECT NAME : RFP 916

WESTON SOLUTIONS, INC.
1090 King Georges Post Road
Suite 201
Edison, NJ - 08837-3703
Phone No: 732-585-4410

ORDER ID : Q3176
ATTENTION : Smita Sumbaly



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3176

Project ID : RFP 916

Client : Weston Solutions, Inc.

Lab Sample Number

Q3176-01
Q3176-02
Q3176-03

Client Sample Number

EME-TS12-01
EME-TS13-01
EME-TS14-02

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.

Signature : _____

APPROVED

By Sohil Jodhani, QA/QC Director at 3:32 pm, Oct 02, 2025

Date: 10/2/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Weston Solutions, Inc.

Project Name: RFP 916

Project # N/A

Order ID # Q3176

Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

3 Solid samples were received on 09/23/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:

The analysis performed on instrument MSVOA_W 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 were met for all analysis.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

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

The %RSD is greater than 20% in the Initial Calibration method (82W082625S.M) for Methylene chloride passing on Quadratic regression.

The Continuous Calibration File ID VW032241.D met the requirements except for Methyl Acetate is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

E. Calculation:

Low Level Soil Calculation in ug/Kg dry weight basis

$(A \times)(I s)(Df)$

$(Ais)(RRF)(Ws)(D)$

Where

A_x = Area for the compound to be measured

A_{is} = Area for the specific internal standard

I_s = Amount of internal standard added in nanograms (ng)

RRF = Relative response factor of the initial calibration curve standard.

D_f = Dilution factor

W_s = Weight of sample

D = $\frac{100 - \% \text{moisture}}{100}$

F. 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 soil samples results are based on a dry weight basis.

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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APPROVED

By Sohil Jodhani, QA/QC Director at 3:34 pm, Oct 02, 2025

CASE NARRATIVE

Weston Solutions, Inc.

Project Name: RFP 916

Project # N/A

Order ID # Q3176

Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:

3 Solid samples were received on 09/23/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20. 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 df. The analysis of SVOC-TCL BNA -20 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for PB169827BL [Terphenyl-d14 - 107%], marginally high, and EME-TS13-01 [2-Fluorobiphenyl - 16%], as per method one acid and one base surrogate allow to fail therefore no corrective action taken.

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The MS {Q3178-02MS} with File ID: BF143817.D recoveries met the requirements for all compounds except for Benzo(b)fluoranthene[130%], due to matrix interference therefore no corrective action taken.

The MSD {Q3178-03MSD} with File ID: BF143818.D recoveries met the requirements for all compounds except for 2,6-Dinitrotoluene[139%] and Benzo(b)fluoranthene[139%], due to matrix interference therefore no corrective action taken.

The RPD were met for all analysis.

The Blank Spike for {PB169827BS} with File ID: BF143804.D met requirements for all compounds except for 2,6-Dinitrotoluene[112%], Butylbenzylphthalate[106%], marginally biased high The associate samples have no positive hit for these compounds therefore no corrective action was taken.

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

The %RSD is greater than 20% in the Method 8270-BF092325.M for 2-Nitrophenol & 2,4-Dinitrotoluene & are passing on Linear regression, and 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol, they are passing on Quadratic regression.

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

Concentration of SOIL Sample:

$$\text{Concentration ug/Kg, (dry weight basis)} = \frac{(A_x) (I_s) (V_t) (DF) (GPC)}{(A_{is}) (\overline{RRF}) (V_i) (W_t) (D)}$$

Where,

A_x = Area of the characteristic ion for the compound to be measured.

A_{is} = Area of the characteristic ion for the internal standard.

I_s = Amount of internal standard injected in ng.

V_i = Volume of extract injected in microliters (uL)

V_t = Volume of concentrated extract in microliters (uL)

W_t = Weight of the original sample extracted in g

D_f = Dilution factor

$\overline{RRF}$ = Mean Relative Response Factor determined from the initial calibration standard.

$GPC = V_{in} = GPC \text{ factor (If no GPC is performed, } GPC=1)$

V_{out} = Volume of extract collected after GPC cleanup.

F. 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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By Sohil Jodhani, QA/QC Director at 3:34 pm, Oct 02, 2025

CASE NARRATIVE

Weston Solutions, Inc.

Project Name: RFP 916

Project # N/A

Order ID # Q3176

Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:

3 Solid samples were received on 09/23/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Pesticide-TCL. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:

The analysis was performed on instrument ECD_D. 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 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-TCLs was based on method 8081B and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for EME-TS14-01MS [Decachlorobiphenyl(1)13%, Decachlorobiphenyl(2)15%] but Original sample and MSD passing for surrogate therefore no corrective action taken.

The Retention Times were met for all analysis.

The MS {Q3178-02MS} with File ID: PL097444.D recoveries met the requirements for all compounds except for [4,4-DDE(1)52% - 4,4-DDE(2)49%], [4,4-DDT(1)44% - 4,4-DDT(2)31%], [Aldrin(1)48% - Aldrin(2)51%], [alpha-BHC(1)55% - alpha-BHC(2)57%], [Endosulfan I(1)54% - Endosulfan I(2)45%], [Endosulfan sulfate(1)45% - Endosulfansulfate(2)33%], [Endrin aldehyde(1)27% - Endrin aldehyde(2)20%], [Endrin ketone(1)52% - Endrin ketone(2)36%], [Endrin(1)50%- Endrin(2)45%], [gamma-BHC(Lindane)(1)41% - gamma-BHC (Lindane)(2)43%], [Heptachlor(1)39% - Heptachlor(2)40%], [Methoxychlor(1)41% - Methoxychlor(2)30%] due to matrix interference.

The MSD {Q3178-03MSD} with File ID: PL097445.D recoveries met the requirements for all compounds except for [4,4-DDT(1)50% - 4,4-DDT(2)40%], [Endosulfan

sulfate(1)54% - Endosulfan sulfate(2)45%], [Endrin aldehyde(1)27% - Endrin aldehyde(2)20%], [gamma-BHC (Lindane)(1)18% - gamma-BHC (Lindane)(2)17%], [Heptachlor(1)28% - Heptachlor(2)27%], [Methoxychlor(1)46% - Methoxychlor(2)41%] due to matrix interference.

The RPD for {Q3178-03MSD} with File ID: PL097445.D met criteria except for 4,4-DDD[31%], 4,4-DDE[27%], Aldrin[27%], alpha-BHC[24%], alpha-Chlordane[23%], beta-BHC[21%], delta-BHC[29%], Dieldrin[26%], Endosulfan II[21%], Endrin ketone[21%], Endrin[23%], gamma-BHC (Lindane)[78%], Heptachlor epoxide[23%] and Heptachlor[33%] due to difference in results of MS and MSD. The Blank Spike met requirements for all compounds.

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

The Continuous Calibration File ID PL097449.D met the requirements except for Endrin is failing in 2nd column but passing in first column therefore no corrective action taken.

E. Additional Comments:

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

F. Calculation for Concentration in Soil samples:

$$\text{Concentration ug/Kg (Dry weight basis)} = \frac{(Ax) (Vt) (DF) (GPC)}{(CF) (Vi) (Ws) (D)}$$

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 onto two columns, use ½ the volume in the syringe as the volume injected onto each column).

Ws = Weight of sample extracted (g).

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

$$GPC = \frac{V_{in}}{V_{out}} = \text{GPC factor (If no GPC is performed, GPC=1)}$$

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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APPROVED

By Sohil Jodhani, QA/QC Director at 3:34 pm, Oct 02, 2025

CASE NARRATIVE

Weston Solutions, Inc.
Project Name: RFP 916
Project # N/A
Order ID # Q3176
Test Name: PCB

A. Number of Samples and Date of Receipt:

3 Solid samples were received on 09/23/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: PCB. 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 µm; Catalogue # 7HM-G017-11. The analyses were performed on instrument GCECD_O. 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 µm; 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 were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

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

The Initial Calibration met the requirements.

The Continuous Calibration File ID PO114059.D met the requirements except for Aroclor-1260(Peak-04) is failing in 1st column but passing in 2nd column therefore no corrective action taken.

The Continuous Calibration File ID PP075341.D met the requirements except for Decachlorobiphenyl is failing in 2nd column but passing in 1st column therefore no corrective action taken.

The Continuous Calibration File ID PP075347.D met the requirements except for Decachlorobiphenyl is failing in 2nd column but passing in 1st column therefore no corrective action taken.

E. Additional Comments:

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

F. Calculation for Concentration in Soil samples:

$$\text{Concentration ug/Kg (Dry weight basis)} = \frac{(Ax) (Vt) (DF) (GPC)}{(CF) (Vi) (Ws) (D)}$$

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 onto two columns, use ½ 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 = $\frac{V_{in}}{V_{out}}$ = GPC factor (If no GPC is performed, GPC=1)

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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APPROVED

By Sohil Jodhani, QA/QC Director at 3:34 pm, Oct 02, 2025

CASE NARRATIVE

Weston Solutions, Inc.

Project Name: RFP 916

Project # N/A

Order ID # Q3176

Test Name: EPH

A. Number of Samples and Date of Receipt:

3 Solid samples were received on 09/23/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: EPH. This data package contains results for EPH.

C. Analytical Techniques:

The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analyses were performed on instrument FID_D. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analysis were performed on instrument FID_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302. The analysis were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302. The analysis of EPHs was based on method NJEPH and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Retention Times were met for all analysis.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the requirements for all compounds.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds.

The Blank Spike Duplicate met requirements for all compounds.

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 soil samples results are based on a dry weight basis.

F. Calculation for Concentration in Soil Samples:

$$C \text{ (ug/g)} = \frac{(A) (D) (Ve)}{CF (S)}$$

Where:

C = Concentration of each compound or hydrocarbon range, ug/g (dry weight basis)

A = Area response of each compound or carbon range to be measured

D = Dilution Factor

Ve = Final volume of extract, uL

CF = Calibration factor of each compound or carbon range for each fraction

S = Dry sample weight, mg

Total EPH concentration = Total of 4 Aromatic Carbon Ranges and 4 Aliphatic Carbon Ranges.

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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APPROVED

By Sohil Jodhani, QA/QC Director at 3:34 pm, Oct 02, 2025

CASE NARRATIVE

Weston Solutions, Inc.

Project Name: RFP 916

Project # N/A

Order ID # Q3176

Test Name: Mercury, Metals ICP-TAL

A. Number of Samples and Date of Receipt:

3 Solid samples were received on 09/23/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL. This data package contains results for Mercury, Metals ICP-TAL.

C. Analytical Techniques:

The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike (EME-TS14-01MS) analysis met criteria for all compounds except for Antimony and Silver Due to Chemical Interference during Digestion process.

The Matrix Spike Duplicate (EME-TS14-01MSD) analysis met criteria for all compounds except for Antimony and Silver 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 the acceptable requirements.

E. Additional Comments:

The Post Digest Spike (EME-TS14-01A) analysis met criteria for all compounds except for Silver due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.

Calculation for ICP-AES Soil Sample:

Conversion of Results from mg/L or ppm to mg/kg (Dry Weight Basis):

$$\text{Concentration (mg/kg)} = \frac{C \times \text{Vf}}{W \times S} \times \text{DF}$$

Calculation for Hg Soil Sample:

Conversion of Results from µg /L or ppb to mg/kg :

$$\text{Concentration (mg/kg)} = \frac{C \times \text{Vf}}{W \times S} \times \text{DF} / 1000$$

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APPROVED

By Sohil Jodhani, QA/QC Director at 3:35 pm, Oct 02, 2025



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CASE NARRATIVE

Weston Solutions, Inc.

Project Name: RFP 916

Project # N/A

Order ID # Q3176

Test Name: Cyanide

A. Number of Samples and Date of Receipt:

3 Solid samples were received on 09/23/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Cyanide. This data package contains results for Cyanide.

C. Analytical Techniques:

The analysis of Cyanide was based on method 9012B.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike analysis met criteria for all compounds.

The Matrix Spike Duplicate analysis met criteria for all compounds.

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

The Calibration met the requirements.

E. Additional Comments:

Calculation for CN Soil Sample:

Conversion of Results from $\mu\text{g/L}$ or ppb to mg/kg :

$$\text{Concentration (mg/kg)} = C \times \frac{V_f}{W \times S} \times \text{DF} / 1000$$

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APPROVED

By Sohil Jodhani, QA/QC Director at 3:35 pm, Oct 02, 2025

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

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 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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3176

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 Custody

✓

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: Mohammad Ahmed

Date: 10/02/2025

Hit Summary Sheet
SW-846

SDG No.: Q3176

Client: Weston Solutions, Inc.

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

0

Total Voc :

Total Concentration:

A

B

C

D



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS12-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	66.1	
Sample Wt/Vol:	5.28	Units: g	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:	Date Analyzed	Prep Batch ID
VW032245.D	1	09/24/25 15:46	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.60	U	1.60	7.20	ug/Kg
74-87-3	Chloromethane	1.60	U	1.60	7.20	ug/Kg
75-01-4	Vinyl Chloride	1.10	U	1.10	7.20	ug/Kg
74-83-9	Bromomethane	1.50	U	1.50	7.20	ug/Kg
75-00-3	Chloroethane	1.80	U	1.80	7.20	ug/Kg
75-69-4	Trichlorofluoromethane	1.70	U	1.70	7.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.50	U	1.50	7.20	ug/Kg
75-35-4	1,1-Dichloroethene	1.40	U	1.40	7.20	ug/Kg
67-64-1	Acetone	6.80	U	6.80	35.8	ug/Kg
75-15-0	Carbon Disulfide	1.50	U	1.50	7.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.00	U	1.00	7.20	ug/Kg
79-20-9	Methyl Acetate	2.20	U	2.20	7.20	ug/Kg
75-09-2	Methylene Chloride	5.10	U	5.10	14.3	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.20	U	1.20	7.20	ug/Kg
75-34-3	1,1-Dichloroethane	1.10	U	1.10	7.20	ug/Kg
110-82-7	Cyclohexane	1.10	U	1.10	7.20	ug/Kg
78-93-3	2-Butanone	9.40	U	9.40	35.8	ug/Kg
56-23-5	Carbon Tetrachloride	1.40	U	1.40	7.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.10	U	1.10	7.20	ug/Kg
74-97-5	Bromochloromethane	1.60	U	1.60	7.20	ug/Kg
67-66-3	Chloroform	1.20	U	1.20	7.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.30	U	1.30	7.20	ug/Kg
108-87-2	Methylcyclohexane	1.30	U	1.30	7.20	ug/Kg
71-43-2	Benzene	1.10	U	1.10	7.20	ug/Kg
107-06-2	1,2-Dichloroethane	1.10	U	1.10	7.20	ug/Kg
79-01-6	Trichloroethene	1.20	U	1.20	7.20	ug/Kg
78-87-5	1,2-Dichloropropane	1.30	U	1.30	7.20	ug/Kg
75-27-4	Bromodichloromethane	1.10	U	1.10	7.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.10	U	5.10	35.8	ug/Kg
108-88-3	Toluene	1.10	U	1.10	7.20	ug/Kg

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS12-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	66.1	
Sample Wt/Vol:	5.28	Units: g	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:	Date Analyzed	Prep Batch ID
VW032245.D	1	09/24/25 15:46	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.93	U	0.93	7.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.89	U	0.89	7.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.30	U	1.30	7.20	ug/Kg
591-78-6	2-Hexanone	5.30	U	5.30	35.8	ug/Kg
124-48-1	Dibromochloromethane	1.20	U	1.20	7.20	ug/Kg
106-93-4	1,2-Dibromoethane	1.30	U	1.30	7.20	ug/Kg
127-18-4	Tetrachloroethene	1.50	U	1.50	7.20	ug/Kg
108-90-7	Chlorobenzene	1.30	U	1.30	7.20	ug/Kg
100-41-4	Ethyl Benzene	0.96	U	0.96	7.20	ug/Kg
179601-23-1	m/p-Xylenes	1.80	U	1.80	14.3	ug/Kg
95-47-6	o-Xylene	1.20	U	1.20	7.20	ug/Kg
100-42-5	Styrene	1.00	U	1.00	7.20	ug/Kg
75-25-2	Bromoform	1.20	U	1.20	7.20	ug/Kg
98-82-8	Isopropylbenzene	1.10	U	1.10	7.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.70	U	1.70	7.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.40	U	2.40	7.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.20	U	2.20	7.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.10	U	2.10	7.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.60	U	2.60	7.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.30	U	4.30	7.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.60	U	4.60	7.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	65.0		63 - 155	130%	SPK: 50
1868-53-7	Dibromofluoromethane	56.5		70 - 134	113%	SPK: 50
2037-26-5	Toluene-d8	53.0		74 - 123	106%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.8		17 - 146	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	142000	7.965			
540-36-3	1,4-Difluorobenzene	278000	8.855			
3114-55-4	Chlorobenzene-d5	277000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	126000	13.556			

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS12-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-01		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	66.1	
Sample Wt/Vol:	5.28	Units: g	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:	Date Analyzed	Prep Batch ID
VW032245.D	1	09/24/25 15:46	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS13-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	68.4	
Sample Wt/Vol:	5.05	Units: g	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:	Date Analyzed	Prep Batch ID
VW032246.D	1	09/24/25 16:08	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.70	U	1.70	7.20	ug/Kg
74-87-3	Chloromethane	1.70	U	1.70	7.20	ug/Kg
75-01-4	Vinyl Chloride	1.10	U	1.10	7.20	ug/Kg
74-83-9	Bromomethane	1.50	U	1.50	7.20	ug/Kg
75-00-3	Chloroethane	1.80	U	1.80	7.20	ug/Kg
75-69-4	Trichlorofluoromethane	1.80	U	1.80	7.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.50	U	1.50	7.20	ug/Kg
75-35-4	1,1-Dichloroethene	1.40	U	1.40	7.20	ug/Kg
67-64-1	Acetone	6.90	U	6.90	36.2	ug/Kg
75-15-0	Carbon Disulfide	1.50	U	1.50	7.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.10	U	1.10	7.20	ug/Kg
79-20-9	Methyl Acetate	2.20	U	2.20	7.20	ug/Kg
75-09-2	Methylene Chloride	5.10	U	5.10	14.5	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.20	U	1.20	7.20	ug/Kg
75-34-3	1,1-Dichloroethane	1.20	U	1.20	7.20	ug/Kg
110-82-7	Cyclohexane	1.10	U	1.10	7.20	ug/Kg
78-93-3	2-Butanone	9.50	U	9.50	36.2	ug/Kg
56-23-5	Carbon Tetrachloride	1.40	U	1.40	7.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.10	U	1.10	7.20	ug/Kg
74-97-5	Bromochloromethane	1.70	U	1.70	7.20	ug/Kg
67-66-3	Chloroform	1.20	U	1.20	7.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.30	U	1.30	7.20	ug/Kg
108-87-2	Methylcyclohexane	1.30	U	1.30	7.20	ug/Kg
71-43-2	Benzene	1.10	U	1.10	7.20	ug/Kg
107-06-2	1,2-Dichloroethane	1.10	U	1.10	7.20	ug/Kg
79-01-6	Trichloroethene	1.20	U	1.20	7.20	ug/Kg
78-87-5	1,2-Dichloropropane	1.30	U	1.30	7.20	ug/Kg
75-27-4	Bromodichloromethane	1.10	U	1.10	7.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.20	U	5.20	36.2	ug/Kg
108-88-3	Toluene	1.10	U	1.10	7.20	ug/Kg

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS13-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	68.4	
Sample Wt/Vol:	5.05	Units: g	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:	Date Analyzed	Prep Batch ID
VW032246.D	1	09/24/25 16:08	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.94	U	0.94	7.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.90	U	0.90	7.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.30	U	1.30	7.20	ug/Kg
591-78-6	2-Hexanone	5.30	U	5.30	36.2	ug/Kg
124-48-1	Dibromochloromethane	1.30	U	1.30	7.20	ug/Kg
106-93-4	1,2-Dibromoethane	1.30	U	1.30	7.20	ug/Kg
127-18-4	Tetrachloroethene	1.50	U	1.50	7.20	ug/Kg
108-90-7	Chlorobenzene	1.30	U	1.30	7.20	ug/Kg
100-41-4	Ethyl Benzene	0.97	U	0.97	7.20	ug/Kg
179601-23-1	m/p-Xylenes	1.80	U	1.80	14.5	ug/Kg
95-47-6	o-Xylene	1.20	U	1.20	7.20	ug/Kg
100-42-5	Styrene	1.00	U	1.00	7.20	ug/Kg
75-25-2	Bromoform	1.20	U	1.20	7.20	ug/Kg
98-82-8	Isopropylbenzene	1.10	U	1.10	7.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.80	U	1.80	7.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.50	U	2.50	7.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.30	U	2.30	7.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.10	U	2.10	7.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.70	U	2.70	7.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.30	U	4.30	7.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.60	U	4.60	7.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	66.5		63 - 155	133%	SPK: 50
1868-53-7	Dibromofluoromethane	56.9		70 - 134	114%	SPK: 50
2037-26-5	Toluene-d8	54.6		74 - 123	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.0		17 - 146	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	150000	7.959			
540-36-3	1,4-Difluorobenzene	293000	8.855			
3114-55-4	Chlorobenzene-d5	296000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	141000	13.556			

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS13-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-02		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	68.4	
Sample Wt/Vol:	5.05	Units: g	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:	Date Analyzed	Prep Batch ID
VW032246.D	1	09/24/25 16:08	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-02		SDG No.:	Q3176	
Lab Sample ID:	Q3176-03		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	70	
Sample Wt/Vol:	4.54	Units: g	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:	Date Analyzed	Prep Batch ID
VW032247.D	1	09/24/25 16:30	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.80	U	1.80	7.90	ug/Kg
74-87-3	Chloromethane	1.80	U	1.80	7.90	ug/Kg
75-01-4	Vinyl Chloride	1.20	U	1.20	7.90	ug/Kg
74-83-9	Bromomethane	1.70	U	1.70	7.90	ug/Kg
75-00-3	Chloroethane	2.00	U	2.00	7.90	ug/Kg
75-69-4	Trichlorofluoromethane	1.90	U	1.90	7.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.70	U	1.70	7.90	ug/Kg
75-35-4	1,1-Dichloroethene	1.60	U	1.60	7.90	ug/Kg
67-64-1	Acetone	7.50	U	7.50	39.3	ug/Kg
75-15-0	Carbon Disulfide	1.70	U	1.70	7.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	1.10	U	1.10	7.90	ug/Kg
79-20-9	Methyl Acetate	2.40	U	2.40	7.90	ug/Kg
75-09-2	Methylene Chloride	5.60	U	5.60	15.7	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.40	U	1.40	7.90	ug/Kg
75-34-3	1,1-Dichloroethane	1.30	U	1.30	7.90	ug/Kg
110-82-7	Cyclohexane	1.20	U	1.20	7.90	ug/Kg
78-93-3	2-Butanone	10.3	U	10.3	39.3	ug/Kg
56-23-5	Carbon Tetrachloride	1.50	U	1.50	7.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	1.20	U	1.20	7.90	ug/Kg
74-97-5	Bromochloromethane	1.80	U	1.80	7.90	ug/Kg
67-66-3	Chloroform	1.30	U	1.30	7.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.50	U	1.50	7.90	ug/Kg
108-87-2	Methylcyclohexane	1.40	U	1.40	7.90	ug/Kg
71-43-2	Benzene	1.20	U	1.20	7.90	ug/Kg
107-06-2	1,2-Dichloroethane	1.20	U	1.20	7.90	ug/Kg
79-01-6	Trichloroethene	1.30	U	1.30	7.90	ug/Kg
78-87-5	1,2-Dichloropropane	1.40	U	1.40	7.90	ug/Kg
75-27-4	Bromodichloromethane	1.20	U	1.20	7.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.60	U	5.60	39.3	ug/Kg
108-88-3	Toluene	1.20	U	1.20	7.90	ug/Kg

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-02		SDG No.:	Q3176	
Lab Sample ID:	Q3176-03		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	70	
Sample Wt/Vol:	4.54	Units: g	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:	Date Analyzed	Prep Batch ID
VW032247.D	1	09/24/25 16:30	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	1.00	U	1.00	7.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.98	U	0.98	7.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.40	U	1.40	7.90	ug/Kg
591-78-6	2-Hexanone	5.80	U	5.80	39.3	ug/Kg
124-48-1	Dibromochloromethane	1.40	U	1.40	7.90	ug/Kg
106-93-4	1,2-Dibromoethane	1.40	U	1.40	7.90	ug/Kg
127-18-4	Tetrachloroethene	1.70	U	1.70	7.90	ug/Kg
108-90-7	Chlorobenzene	1.40	U	1.40	7.90	ug/Kg
100-41-4	Ethyl Benzene	1.10	U	1.10	7.90	ug/Kg
179601-23-1	m/p-Xylenes	2.00	U	2.00	15.7	ug/Kg
95-47-6	o-Xylene	1.30	U	1.30	7.90	ug/Kg
100-42-5	Styrene	1.10	U	1.10	7.90	ug/Kg
75-25-2	Bromoform	1.40	U	1.40	7.90	ug/Kg
98-82-8	Isopropylbenzene	1.20	U	1.20	7.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.90	U	1.90	7.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.70	U	2.70	7.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.50	U	2.50	7.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	2.30	U	2.30	7.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.90	U	2.90	7.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	4.70	U	4.70	7.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	5.00	U	5.00	7.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	68.0		63 - 155	136%	SPK: 50
1868-53-7	Dibromofluoromethane	55.5		70 - 134	111%	SPK: 50
2037-26-5	Toluene-d8	50.7		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.6		17 - 146	83%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	139000	7.971			
540-36-3	1,4-Difluorobenzene	297000	8.855			
3114-55-4	Chlorobenzene-d5	285000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	124000	13.562			

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-02		SDG No.:	Q3176	
Lab Sample ID:	Q3176-03		Matrix:	SOIL	
Analytical Method:	8260D		% Solid:	70	
Sample Wt/Vol:	4.54	Units: g	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:	Date Analyzed	Prep Batch ID
VW032247.D	1	09/24/25 16:30	VW092425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

LAB CHRONICLE

OrderID:	Q3176	OrderDate:	9/24/2025 10:16:00 AM
Client:	Weston Solutions, Inc.	Project:	RFP 916
Contact:	Smita Sumbaly	Location:	J43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3176-01	EME-TS12-01	SOIL	VOC-TCLVOA-10	8260D	09/23/25		09/24/25	09/23/25
Q3176-02	EME-TS13-01	SOIL	VOC-TCLVOA-10	8260D	09/23/25		09/24/25	09/23/25
Q3176-03	EME-TS14-02	SOIL	VOC-TCLVOA-10	8260D	09/23/25		09/24/25	09/23/25

Hit Summary Sheet SW-846

SDG No.: Q3176
Client: Weston Solutions, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	EME-TS12-01							
Q3176-01	EME-TS12-01	SOIL	Phenanthrene	140.000	J	31.6	260	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Fluoranthene	240.000	J	45.3	260	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Pyrene	130.000	J	54.4	260	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Benzo(b)fluoranthene	120.000	J	28.7	260	ug/Kg
Total Svoc :				630.00				
Q3176-01	EME-TS12-01	SOIL	Cholest-4-en-3-one	*	130.000	J	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Cholestan-2-one	*	360.000	J	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Cholestan-3-ol, (3.alpha.,5.beta.)	*	390.000	J	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Hexadecane	*	100.000	J	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	n-Hexadecanoic acid	*	450.000	J	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Nonadecane	*	190.000	J	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	.beta.-Sitosterol	*	300.000	J	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	9-Octadecenamide	*	310.000	J	0	ug/Kg
Q3176-01	EME-TS12-01	SOIL	Stigmast-4-en-3-one	*	190.000	J	0	ug/Kg
Total Tics :				2,420.00				
Total Concentration:				3,050.00				
Client ID :	EME-TS13-01							
Q3176-02	EME-TS13-01	SOIL	n-Hexadecanoic acid	*	130.000	J	0	ug/Kg
Total Tics :				130.00				
Total Concentration:				130.00				
Client ID :	EME-TS14-02							
Q3176-03	EME-TS14-02	SOIL	n-Hexadecanoic acid	*	230.000	J	0	ug/Kg
Total Tics :				230.00				
Total Concentration:				230.00				



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS12-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	66.1
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143813.D	1	09/25/25 09:25	09/25/25 19:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	240	U	240	500	ug/Kg
108-95-2	Phenol	33.4	U	33.4	260	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	36.7	U	36.7	260	ug/Kg
95-57-8	2-Chlorophenol	36.9	U	36.9	260	ug/Kg
95-48-7	2-Methylphenol	45.2	U	45.2	260	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.7	U	56.7	260	ug/Kg
98-86-2	Acetophenone	44.6	U	44.6	260	ug/Kg
65794-96-9	3+4-Methylphenols	62.1	U	62.1	500	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	71.6	U	71.6	120	ug/Kg
67-72-1	Hexachloroethane	26.6	U	26.6	260	ug/Kg
98-95-3	Nitrobenzene	27.7	U	27.7	260	ug/Kg
78-59-1	Isophorone	49.6	U	49.6	260	ug/Kg
88-75-5	2-Nitrophenol	88.0	U	88.0	260	ug/Kg
105-67-9	2,4-Dimethylphenol	97.9	U	97.9	260	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	46.5	U	46.5	260	ug/Kg
120-83-2	2,4-Dichlorophenol	42.8	U	42.8	260	ug/Kg
91-20-3	Naphthalene	34.3	U	34.3	260	ug/Kg
106-47-8	4-Chloroaniline	53.5	U	53.5	260	ug/Kg
87-68-3	Hexachlorobutadiene	38.2	U	38.2	260	ug/Kg
105-60-2	Caprolactam	78.7	U	78.7	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43.4	U	43.4	260	ug/Kg
91-57-6	2-Methylnaphthalene	38.7	U	38.7	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29.9	U	29.9	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.0	U	44.0	260	ug/Kg
92-52-4	1,1-Biphenyl	32.9	U	32.9	260	ug/Kg
91-58-7	2-Chloronaphthalene	34.0	U	34.0	260	ug/Kg
88-74-4	2-Nitroaniline	72.7	U	72.7	260	ug/Kg
131-11-3	Dimethylphthalate	41.0	U	41.0	260	ug/Kg

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS12-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	66.1
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143813.D	1	09/25/25 09:25	09/25/25 19:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	43.7	U	43.7	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	50.8	UQ	50.8	260	ug/Kg
99-09-2	3-Nitroaniline	69.5	U	69.5	260	ug/Kg
83-32-9	Acenaphthene	32.2	U	32.2	260	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	350	500	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	500	ug/Kg
132-64-9	Dibenzofuran	34.3	U	34.3	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	75.7	U	75.7	260	ug/Kg
84-66-2	Diethylphthalate	42.8	U	42.8	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	40.4	U	40.4	260	ug/Kg
86-73-7	Fluorene	38.2	U	38.2	260	ug/Kg
100-01-6	4-Nitroaniline	97.0	U	97.0	260	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	500	ug/Kg
86-30-6	n-Nitrosodiphenylamine	49.7	U	49.7	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	42.0	U	42.0	260	ug/Kg
118-74-1	Hexachlorobenzene	38.2	U	38.2	260	ug/Kg
1912-24-9	Atrazine	51.4	U	51.4	260	ug/Kg
87-86-5	Pentachlorophenol	77.5	U	77.5	500	ug/Kg
85-01-8	Phenanthrene	140	J	31.6	260	ug/Kg
120-12-7	Anthracene	50.3	U	50.3	260	ug/Kg
86-74-8	Carbazole	47.2	U	47.2	260	ug/Kg
84-74-2	Di-n-butylphthalate	72.4	U	72.4	260	ug/Kg
206-44-0	Fluoranthene	240	J	45.3	260	ug/Kg
129-00-0	Pyrene	130	J	54.4	260	ug/Kg
85-68-7	Butylbenzylphthalate	110	UQ	110	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55.5	U	55.5	500	ug/Kg
56-55-3	Benzo(a)anthracene	34.8	U	34.8	260	ug/Kg
218-01-9	Chrysene	30.1	U	30.1	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	89.5	U	89.5	260	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	28.7	260	ug/Kg

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS12-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	66.1
Sample Wt/Vol:	30.03 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143813.D	1	09/25/25 09:25	09/25/25 19:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	33.9	U	33.9	260	ug/Kg
50-32-8	Benzo(a)pyrene	44.6	U	44.6	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44.0	U	44.0	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41.4	U	41.4	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38.8	U	38.8	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38.7	U	38.7	260	ug/Kg
123-91-1	1,4-Dioxane	68.3	U	68.3	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41.4	U	41.4	260	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	71.1		18 - 112	47%	SPK: 150
13127-88-3	Phenol-d6	67.7		15 - 107	45%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.5		18 - 107	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.3		20 - 109	48%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.6		10 - 116	56%	SPK: 150
1718-51-0	Terphenyl-d14	34.6		10 - 105	35%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	105000	6.887
1146-65-2	Naphthalene-d8	337000	8.163
15067-26-2	Acenaphthene-d10	147000	9.922
1517-22-2	Phenanthrene-d10	255000	11.41
1719-03-5	Chrysene-d12	450000	14.051
1520-96-3	Perylene-d12	549000	15.533

TENTATIVE IDENTIFIED COMPOUNDS

000544-76-3	Hexadecane	100	J	9.32	ug/Kg
000057-10-3	n-Hexadecanoic acid	450	J	11.9	ug/Kg
003322-62-1	9-Octadecenamide	310	J	14.8	ug/Kg
000629-92-5	Nonadecane	190	J	15.2	ug/Kg
000516-92-7	Cholestan-3-ol, (3.alpha.,5.beta.)	390	J	16.3	ug/Kg
1010210-43-4	Cholestan-2-one	360	J	16.5	ug/Kg
000601-57-0	Cholest-4-en-3-one	130	J	17.2	ug/Kg

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS12-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-01		Matrix:	SOIL	
Analytical Method:	8270E		% Solid:	66.1	
Sample Wt/Vol:	30.03	Units: g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143813.D	1	09/25/25 09:25	09/25/25 19:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000083-46-5	.beta.-Sitosterol	300	J		17.7	ug/Kg
001058-61-3	Stigmast-4-en-3-one	190	J		18.7	ug/Kg

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS13-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.4
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143814.D	1	09/25/25 09:25	09/25/25 20:21	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	230	U	230	480	ug/Kg
108-95-2	Phenol	32.2	U	32.2	250	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	35.5	U	35.5	250	ug/Kg
95-57-8	2-Chlorophenol	35.6	U	35.6	250	ug/Kg
95-48-7	2-Methylphenol	43.6	U	43.6	250	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54.7	U	54.7	250	ug/Kg
98-86-2	Acetophenone	43.0	U	43.0	250	ug/Kg
65794-96-9	3+4-Methylphenols	60.0	U	60.0	480	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	69.2	U	69.2	120	ug/Kg
67-72-1	Hexachloroethane	25.7	U	25.7	250	ug/Kg
98-95-3	Nitrobenzene	26.7	U	26.7	250	ug/Kg
78-59-1	Isophorone	47.9	U	47.9	250	ug/Kg
88-75-5	2-Nitrophenol	84.9	U	84.9	250	ug/Kg
105-67-9	2,4-Dimethylphenol	94.5	U	94.5	250	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	44.9	U	44.9	250	ug/Kg
120-83-2	2,4-Dichlorophenol	41.3	U	41.3	250	ug/Kg
91-20-3	Naphthalene	33.1	U	33.1	250	ug/Kg
106-47-8	4-Chloroaniline	51.7	U	51.7	250	ug/Kg
87-68-3	Hexachlorobutadiene	36.9	U	36.9	250	ug/Kg
105-60-2	Caprolactam	76.0	U	76.0	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41.9	U	41.9	250	ug/Kg
91-57-6	2-Methylnaphthalene	37.4	U	37.4	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28.9	U	28.9	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42.5	U	42.5	250	ug/Kg
92-52-4	1,1-Biphenyl	31.8	U	31.8	250	ug/Kg
91-58-7	2-Chloronaphthalene	32.8	U	32.8	250	ug/Kg
88-74-4	2-Nitroaniline	70.2	U	70.2	250	ug/Kg
131-11-3	Dimethylphthalate	39.5	U	39.5	250	ug/Kg

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS13-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.4
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143814.D	1	09/25/25 09:25	09/25/25 20:21	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	42.2	U	42.2	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	49.0	UQ	49.0	250	ug/Kg
99-09-2	3-Nitroaniline	67.1	U	67.1	250	ug/Kg
83-32-9	Acenaphthene	31.1	U	31.1	250	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	480	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	480	ug/Kg
132-64-9	Dibenzofuran	33.1	U	33.1	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	73.1	U	73.1	250	ug/Kg
84-66-2	Diethylphthalate	41.3	U	41.3	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39.0	U	39.0	250	ug/Kg
86-73-7	Fluorene	36.9	U	36.9	250	ug/Kg
100-01-6	4-Nitroaniline	93.7	U	93.7	250	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	480	ug/Kg
86-30-6	n-Nitrosodiphenylamine	48.0	U	48.0	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40.6	U	40.6	250	ug/Kg
118-74-1	Hexachlorobenzene	36.9	U	36.9	250	ug/Kg
1912-24-9	Atrazine	49.6	U	49.6	250	ug/Kg
87-86-5	Pentachlorophenol	74.9	U	74.9	480	ug/Kg
85-01-8	Phenanthrene	30.5	U	30.5	250	ug/Kg
120-12-7	Anthracene	48.6	U	48.6	250	ug/Kg
86-74-8	Carbazole	45.5	U	45.5	250	ug/Kg
84-74-2	Di-n-butylphthalate	69.9	U	69.9	250	ug/Kg
206-44-0	Fluoranthene	43.8	U	43.8	250	ug/Kg
129-00-0	Pyrene	52.5	U	52.5	250	ug/Kg
85-68-7	Butylbenzylphthalate	100	UQ	100	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53.5	U	53.5	480	ug/Kg
56-55-3	Benzo(a)anthracene	33.6	U	33.6	250	ug/Kg
218-01-9	Chrysene	29.0	U	29.0	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	86.4	U	86.4	250	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	27.7	U	27.7	250	ug/Kg

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS13-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	68.4
Sample Wt/Vol:	30.06 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143814.D	1	09/25/25 09:25	09/25/25 20:21	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	32.7	U	32.7	250	ug/Kg
50-32-8	Benzo(a)pyrene	43.0	U	43.0	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42.5	U	42.5	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40.0	U	40.0	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37.5	U	37.5	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37.4	U	37.4	250	ug/Kg
123-91-1	1,4-Dioxane	66.0	U	66.0	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40.0	U	40.0	250	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	44.8		18 - 112	30%	SPK: 150
13127-88-3	Phenol-d6	44.8		15 - 107	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	28.9		18 - 107	29%	SPK: 100
321-60-8	2-Fluorobiphenyl	16.2	*	20 - 109	16%	SPK: 100
118-79-6	2,4,6-Tribromophenol	30.6		10 - 116	20%	SPK: 150
1718-51-0	Terphenyl-d14	17.3		10 - 105	17%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	112000	6.887			
1146-65-2	Naphthalene-d8	373000	8.163			
15067-26-2	Acenaphthene-d10	168000	9.922			
1517-22-2	Phenanthrene-d10	277000	11.41			
1719-03-5	Chrysene-d12	464000	14.051			
1520-96-3	Perylene-d12	574000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
000057-10-3	n-Hexadecanoic acid	130	J		11.9	ug/Kg

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS13-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-02		Matrix:	SOIL	
Analytical Method:	8270E		% Solid:	68.4	
Sample Wt/Vol:	30.06	Units: g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143814.D	1	09/25/25 09:25	09/25/25 20:21	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-02	SDG No.:	Q3176
Lab Sample ID:	Q3176-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	70
Sample Wt/Vol:	30.04 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143815.D	1	09/25/25 09:25	09/25/25 20:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	220	U	220	470	ug/Kg
108-95-2	Phenol	31.5	U	31.5	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	34.7	U	34.7	240	ug/Kg
95-57-8	2-Chlorophenol	34.8	U	34.8	240	ug/Kg
95-48-7	2-Methylphenol	42.7	U	42.7	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53.5	U	53.5	240	ug/Kg
98-86-2	Acetophenone	42.1	U	42.1	240	ug/Kg
65794-96-9	3+4-Methylphenols	58.6	U	58.6	470	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	67.6	U	67.6	110	ug/Kg
67-72-1	Hexachloroethane	25.1	U	25.1	240	ug/Kg
98-95-3	Nitrobenzene	26.1	U	26.1	240	ug/Kg
78-59-1	Isophorone	46.8	U	46.8	240	ug/Kg
88-75-5	2-Nitrophenol	83.0	U	83.0	240	ug/Kg
105-67-9	2,4-Dimethylphenol	92.4	U	92.4	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	43.9	U	43.9	240	ug/Kg
120-83-2	2,4-Dichlorophenol	40.4	U	40.4	240	ug/Kg
91-20-3	Naphthalene	32.4	U	32.4	240	ug/Kg
106-47-8	4-Chloroaniline	50.5	U	50.5	240	ug/Kg
87-68-3	Hexachlorobutadiene	36.1	U	36.1	240	ug/Kg
105-60-2	Caprolactam	74.3	U	74.3	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40.9	U	40.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	36.5	U	36.5	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28.2	U	28.2	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41.5	U	41.5	240	ug/Kg
92-52-4	1,1-Biphenyl	31.1	U	31.1	240	ug/Kg
91-58-7	2-Chloronaphthalene	32.1	U	32.1	240	ug/Kg
88-74-4	2-Nitroaniline	68.6	U	68.6	240	ug/Kg
131-11-3	Dimethylphthalate	38.7	U	38.7	240	ug/Kg

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-02	SDG No.:	Q3176
Lab Sample ID:	Q3176-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	70
Sample Wt/Vol:	30.04 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143815.D	1	09/25/25 09:25	09/25/25 20:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	41.2	U	41.2	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	47.9	UQ	47.9	240	ug/Kg
99-09-2	3-Nitroaniline	65.6	U	65.6	240	ug/Kg
83-32-9	Acenaphthene	30.4	U	30.4	240	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	470	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	470	ug/Kg
132-64-9	Dibenzofuran	32.4	U	32.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	71.5	U	71.5	240	ug/Kg
84-66-2	Diethylphthalate	40.4	U	40.4	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	38.1	U	38.1	240	ug/Kg
86-73-7	Fluorene	36.1	U	36.1	240	ug/Kg
100-01-6	4-Nitroaniline	91.6	U	91.6	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	470	ug/Kg
86-30-6	n-Nitrosodiphenylamine	46.9	U	46.9	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39.7	U	39.7	240	ug/Kg
118-74-1	Hexachlorobenzene	36.1	U	36.1	240	ug/Kg
1912-24-9	Atrazine	48.5	U	48.5	240	ug/Kg
87-86-5	Pentachlorophenol	73.2	U	73.2	470	ug/Kg
85-01-8	Phenanthrene	29.8	U	29.8	240	ug/Kg
120-12-7	Anthracene	47.5	U	47.5	240	ug/Kg
86-74-8	Carbazole	44.5	U	44.5	240	ug/Kg
84-74-2	Di-n-butylphthalate	68.3	U	68.3	240	ug/Kg
206-44-0	Fluoranthene	42.8	U	42.8	240	ug/Kg
129-00-0	Pyrene	51.4	U	51.4	240	ug/Kg
85-68-7	Butylbenzylphthalate	100	UQ	100	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52.4	U	52.4	470	ug/Kg
56-55-3	Benzo(a)anthracene	32.8	U	32.8	240	ug/Kg
218-01-9	Chrysene	28.4	U	28.4	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	84.5	U	84.5	240	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	27.1	U	27.1	240	ug/Kg

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-02		SDG No.:	Q3176	
Lab Sample ID:	Q3176-03		Matrix:	SOIL	
Analytical Method:	8270E		% Solid:	70	
Sample Wt/Vol:	30.04	Units: g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143815.D	1	09/25/25 09:25	09/25/25 20:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	32.0	U	32.0	240	ug/Kg
50-32-8	Benzo(a)pyrene	42.1	U	42.1	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41.5	U	41.5	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39.1	U	39.1	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36.7	U	36.7	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36.5	U	36.5	240	ug/Kg
123-91-1	1,4-Dioxane	64.5	U	64.5	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39.1	U	39.1	240	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	57.1		18 - 112	38%	SPK: 150
13127-88-3	Phenol-d6	60.5		15 - 107	40%	SPK: 150
4165-60-0	Nitrobenzene-d5	37.7		18 - 107	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	23.1		20 - 109	23%	SPK: 100
118-79-6	2,4,6-Tribromophenol	35.9		10 - 116	24%	SPK: 150
1718-51-0	Terphenyl-d14	24.6		10 - 105	25%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	126000	6.887			
1146-65-2	Naphthalene-d8	460000	8.163			
15067-26-2	Acenaphthene-d10	228000	9.922			
1517-22-2	Phenanthrene-d10	336000	11.41			
1719-03-5	Chrysene-d12	411000	14.051			
1520-96-3	Perylene-d12	527000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
000057-10-3	n-Hexadecanoic acid	230	J		11.9	ug/Kg

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-02		SDG No.:	Q3176	
Lab Sample ID:	Q3176-03		Matrix:	SOIL	
Analytical Method:	8270E		% Solid:	70	
Sample Wt/Vol:	30.04	Units: g	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 :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143815.D	1	09/25/25 09:25	09/25/25 20:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
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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

LAB CHRONICLE

OrderID:	Q3176	OrderDate:	9/24/2025 10:16:00 AM
Client:	Weston Solutions, Inc.	Project:	RFP 916
Contact:	Smita Sumbaly	Location:	J43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3176-01	EME-TS12-01	SOIL	SVOC-TCL BNA -20	8270E	09/23/25	09/25/25	09/25/25	09/23/25
Q3176-02	EME-TS13-01	SOIL	SVOC-TCL BNA -20	8270E	09/23/25	09/25/25	09/25/25	09/23/25
Q3176-03	EME-TS14-02	SOIL	SVOC-TCL BNA -20	8270E	09/23/25	09/25/25	09/25/25	09/23/25

Hit Summary Sheet
SW-846

SDG No.: Q3176

Order ID: Q3176

Client: Weston Solutions, Inc.

Project ID: RFP 916

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EME-TS12-01								
Q3176-01	EME-TS12-01	SOIL	4,4-DDE	0.58	J	0.21	2.60	ug/kg
Q3176-01	EME-TS12-01	SOIL	4,4-DDD	1.80	JP	0.23	2.60	ug/kg
Q3176-01	EME-TS12-01	SOIL	4,4-DDT	0.44	J	0.21	2.60	ug/kg
Q3176-01	EME-TS12-01	SOIL	alpha-Chlordane	1.10	JP	0.18	2.60	ug/kg
Q3176-01	EME-TS12-01	SOIL	gamma-Chlordane	0.60	JP	0.23	2.60	ug/kg
Total Concentration:				4.520				
Client ID : EME-TS13-01								
Q3176-02	EME-TS13-01	SOIL	4,4-DDE	0.43	J	0.20	2.50	ug/kg
Q3176-02	EME-TS13-01	SOIL	4,4-DDD	1.10	J	0.22	2.50	ug/kg
Q3176-02	EME-TS13-01	SOIL	4,4-DDT	0.36	J	0.20	2.50	ug/kg
Q3176-02	EME-TS13-01	SOIL	alpha-Chlordane	1.20	JP	0.18	2.50	ug/kg
Q3176-02	EME-TS13-01	SOIL	gamma-Chlordane	0.82	J	0.22	2.50	ug/kg
Total Concentration:				3.910				
Client ID : EME-TS14-02								
Q3176-03	EME-TS14-02	SOIL	4,4-DDE	0.35	J	0.20	2.40	ug/kg
Q3176-03	EME-TS14-02	SOIL	alpha-Chlordane	0.73	JP	0.17	2.40	ug/kg
Q3176-03	EME-TS14-02	SOIL	gamma-Chlordane	0.31	J	0.21	2.40	ug/kg
Total Concentration:				1.390				



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS12-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	66.1	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097438.D	1	09/25/25 08:51	09/30/25 12:41	PB169826

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.20	U	0.20	2.60	ug/kg
319-85-7	beta-BHC	0.27	U	0.27	2.60	ug/kg
319-86-8	delta-BHC	0.59	U	0.59	2.60	ug/kg
58-89-9	gamma-BHC (Lindane)	0.21	U	0.21	2.60	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	2.60	ug/kg
309-00-2	Aldrin	0.18	U	0.18	2.60	ug/kg
1024-57-3	Heptachlor epoxide	0.29	U	0.29	2.60	ug/kg
959-98-8	Endosulfan I	0.21	U	0.21	2.60	ug/kg
60-57-1	Dieldrin	0.21	U	0.21	2.60	ug/kg
72-55-9	4,4-DDE	0.58	J	0.21	2.60	ug/kg
72-20-8	Endrin	0.21	U	0.21	2.60	ug/kg
33213-65-9	Endosulfan II	0.44	U	0.44	2.60	ug/kg
72-54-8	4,4-DDD	1.80	JP	0.23	2.60	ug/kg
1031-07-8	Endosulfan Sulfate	0.20	U	0.20	2.60	ug/kg
50-29-3	4,4-DDT	0.44	J	0.21	2.60	ug/kg
72-43-5	Methoxychlor	0.56	U	0.56	2.60	ug/kg
53494-70-5	Endrin ketone	0.29	U	0.29	2.60	ug/kg
7421-93-4	Endrin aldehyde	0.56	U	0.56	2.60	ug/kg
5103-71-9	alpha-Chlordane	1.10	JP	0.18	2.60	ug/kg
5103-74-2	gamma-Chlordane	0.60	JP	0.23	2.60	ug/kg
8001-35-2	Toxaphene	8.20	U	8.20	49.8	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	9.63		20 - 144	48%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.8		19 - 148	69%	SPK: 20

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS12-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	66.1	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097438.D	1	09/25/25 08:51	09/30/25 12:41	PB169826

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS13-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-02		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68.4	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097439.D	1	09/25/25 08:51	09/30/25 12:55	PB169826

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	2.50	ug/kg
319-85-7	beta-BHC	0.26	U	0.26	2.50	ug/kg
319-86-8	delta-BHC	0.57	U	0.57	2.50	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	2.50	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	2.50	ug/kg
309-00-2	Aldrin	0.18	U	0.18	2.50	ug/kg
1024-57-3	Heptachlor epoxide	0.28	U	0.28	2.50	ug/kg
959-98-8	Endosulfan I	0.20	U	0.20	2.50	ug/kg
60-57-1	Dieldrin	0.20	U	0.20	2.50	ug/kg
72-55-9	4,4-DDE	0.43	J	0.20	2.50	ug/kg
72-20-8	Endrin	0.20	U	0.20	2.50	ug/kg
33213-65-9	Endosulfan II	0.42	U	0.42	2.50	ug/kg
72-54-8	4,4-DDD	1.10	J	0.22	2.50	ug/kg
1031-07-8	Endosulfan Sulfate	0.19	U	0.19	2.50	ug/kg
50-29-3	4,4-DDT	0.36	J	0.20	2.50	ug/kg
72-43-5	Methoxychlor	0.54	U	0.54	2.50	ug/kg
53494-70-5	Endrin ketone	0.28	U	0.28	2.50	ug/kg
7421-93-4	Endrin aldehyde	0.54	U	0.54	2.50	ug/kg
5103-71-9	alpha-Chlordane	1.20	JP	0.18	2.50	ug/kg
5103-74-2	gamma-Chlordane	0.82	J	0.22	2.50	ug/kg
8001-35-2	Toxaphene	7.90	U	7.90	48.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	5.99		20 - 144	30%	SPK: 20
877-09-8	Tetrachloro-m-xylene	11.2		19 - 148	56%	SPK: 20

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS13-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-02		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	68.4	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097439.D	1	09/25/25 08:51	09/30/25 12:55	PB169826

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-02		SDG No.:	Q3176	
Lab Sample ID:	Q3176-03		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	70	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097440.D	1	09/25/25 08:51	09/30/25 13:08	PB169826

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	2.40	ug/kg
319-85-7	beta-BHC	0.26	U	0.26	2.40	ug/kg
319-86-8	delta-BHC	0.56	U	0.56	2.40	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	2.40	ug/kg
76-44-8	Heptachlor	0.17	U	0.17	2.40	ug/kg
309-00-2	Aldrin	0.17	U	0.17	2.40	ug/kg
1024-57-3	Heptachlor epoxide	0.27	U	0.27	2.40	ug/kg
959-98-8	Endosulfan I	0.20	U	0.20	2.40	ug/kg
60-57-1	Dieldrin	0.20	U	0.20	2.40	ug/kg
72-55-9	4,4-DDE	0.35	J	0.20	2.40	ug/kg
72-20-8	Endrin	0.20	U	0.20	2.40	ug/kg
33213-65-9	Endosulfan II	0.41	U	0.41	2.40	ug/kg
72-54-8	4,4-DDD	0.21	U	0.21	2.40	ug/kg
1031-07-8	Endosulfan Sulfate	0.19	U	0.19	2.40	ug/kg
50-29-3	4,4-DDT	0.20	U	0.20	2.40	ug/kg
72-43-5	Methoxychlor	0.53	U	0.53	2.40	ug/kg
53494-70-5	Endrin ketone	0.27	U	0.27	2.40	ug/kg
7421-93-4	Endrin aldehyde	0.53	U	0.53	2.40	ug/kg
5103-71-9	alpha-Chlordane	0.73	JP	0.17	2.40	ug/kg
5103-74-2	gamma-Chlordane	0.31	J	0.21	2.40	ug/kg
8001-35-2	Toxaphene	7.70	U	7.70	47.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	5.17		20 - 144	26%	SPK: 20
877-09-8	Tetrachloro-m-xylene	7.88		19 - 148	39%	SPK: 20

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-02		SDG No.:	Q3176	
Lab Sample ID:	Q3176-03		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	70	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097440.D	1	09/25/25 08:51	09/30/25 13:08	PB169826

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Comments:

U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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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

LAB CHRONICLE

OrderID:	Q3176	OrderDate:	9/24/2025 10:16:00 AM
Client:	Weston Solutions, Inc.	Project:	RFP 916
Contact:	Smita Sumbaly	Location:	J43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3176-01	EME-TS12-01	SOIL			09/23/25			09/23/25
			PCB	8082A		09/25/25	09/25/25	
			Pesticide-TCL	8081B		09/25/25	09/30/25	
			EPH	NJEPH		09/25/25	09/25/25	
Q3176-02	EME-TS13-01	SOIL			09/23/25			09/23/25
			PCB	8082A		09/25/25	09/26/25	
			Pesticide-TCL	8081B		09/25/25	09/30/25	
			EPH	NJEPH		09/25/25	09/25/25	
Q3176-03	EME-TS14-02	SOIL			09/23/25			09/23/25
			PCB	8082A		09/25/25	09/26/25	
			Pesticide-TCL	8081B		09/25/25	09/30/25	
			EPH	NJEPH		09/25/25	09/25/25	
			EPH	NJEPH		09/25/25	09/26/25	

Hit Summary Sheet
SW-846

A

B

C

D

SDG No.:	Q3176	Order ID:	Q3176
Client:	Weston Solutions, Inc.	Project ID:	RFP 916

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

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS12-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-01		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	66.1	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114040.D	1	09/25/25 08:50	09/25/25 18:29	PB169825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	6.00	U	6.00	25.7	ug/kg
11104-28-2	Aroclor-1221	6.10	U	6.10	25.7	ug/kg
11141-16-5	Aroclor-1232	5.60	U	5.60	25.7	ug/kg
53469-21-9	Aroclor-1242	6.10	U	6.10	25.7	ug/kg
12672-29-6	Aroclor-1248	8.90	U	8.90	25.7	ug/kg
11097-69-1	Aroclor-1254	4.80	U	4.80	25.7	ug/kg
37324-23-5	Aroclor-1262	7.60	U	7.60	25.7	ug/kg
11100-14-4	Aroclor-1268	5.40	U	5.40	25.7	ug/kg
11096-82-5	Aroclor-1260	4.90	U	4.90	25.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		32 - 144	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.2		32 - 175	51%	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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS13-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-02		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	68.4	Decanted:
Sample Wt/Vol:	30.08	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114062.D	1	09/25/25 08:50	09/26/25 10:01	PB169825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.80	U	5.80	24.8	ug/kg
11104-28-2	Aroclor-1221	5.90	U	5.90	24.8	ug/kg
11141-16-5	Aroclor-1232	5.40	U	5.40	24.8	ug/kg
53469-21-9	Aroclor-1242	5.80	U	5.80	24.8	ug/kg
12672-29-6	Aroclor-1248	8.60	U	8.60	24.8	ug/kg
11097-69-1	Aroclor-1254	4.70	U	4.70	24.8	ug/kg
37324-23-5	Aroclor-1262	7.30	U	7.30	24.8	ug/kg
11100-14-4	Aroclor-1268	5.20	U	5.20	24.8	ug/kg
11096-82-5	Aroclor-1260	4.70	U	4.70	24.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.0		32 - 144	75%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.3		32 - 175	71%	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

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-02		SDG No.:	Q3176	
Lab Sample ID:	Q3176-03		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	70	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114063.D	1	09/25/25 08:50	09/26/25 10:19	PB169825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.60	U	5.60	24.3	ug/kg
11104-28-2	Aroclor-1221	5.70	U	5.70	24.3	ug/kg
11141-16-5	Aroclor-1232	5.30	U	5.30	24.3	ug/kg
53469-21-9	Aroclor-1242	5.70	U	5.70	24.3	ug/kg
12672-29-6	Aroclor-1248	8.40	U	8.40	24.3	ug/kg
11097-69-1	Aroclor-1254	4.60	U	4.60	24.3	ug/kg
37324-23-5	Aroclor-1262	7.20	U	7.20	24.3	ug/kg
11100-14-4	Aroclor-1268	5.10	U	5.10	24.3	ug/kg
11096-82-5	Aroclor-1260	4.60	U	4.60	24.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	11.9		32 - 144	59%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.4		32 - 175	72%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

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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

LAB CHRONICLE

OrderID:	Q3176	OrderDate:	9/24/2025 10:16:00 AM
Client:	Weston Solutions, Inc.	Project:	RFP 916
Contact:	Smita Sumbaly	Location:	J43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3176-01	EME-TS12-01	SOIL	PCB	8082A	09/23/25	09/25/25	09/25/25	09/23/25
Q3176-02	EME-TS13-01	SOIL	PCB	8082A	09/23/25	09/25/25	09/26/25	09/23/25
Q3176-03	EME-TS14-02	SOIL	PCB	8082A	09/23/25	09/25/25	09/26/25	09/23/25



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS12-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	66.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/25/25 08:15	09/25/25 18:22	PB169823

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.55	J	1	0.21	1.51	mg/kg	FG016653.D
Aliphatic C12-C16	Aliphatic C12-C16	2.05		1	0.17	1.01	mg/kg	FG016653.D
Aliphatic C16-C21	Aliphatic C16-C21	0.78	J	1	0.20	1.51	mg/kg	FG016653.D
Aliphatic C21-C28	Aliphatic C21-C28	1.95	J	1	0.80	2.01	mg/kg	FG016653.D
Aliphatic C28-C40	Aliphatic C28-C40	45.4		1	1.78	3.02	mg/kg	FG016653.D
Aromatic C10-C12	Aromatic C10-C12	0.31	J	1	0.18	1.01	mg/kg	FF016454.D
Aromatic C12-C16	Aromatic C12-C16	3.22		1	0.35	1.51	mg/kg	FF016454.D
Aromatic C16-C21	Aromatic C16-C21	3.22		1	0.60	2.52	mg/kg	FF016454.D
Aromatic C21-C36	Aromatic C21-C36	5.63		1	1.80	4.03	mg/kg	FF016454.D
Total AliphaticEPH	Total AliphaticEPH	50.7			3.15	9.06	mg/kg	
Total AromaticEPH	Total AromaticEPH	12.4			2.93	9.07	mg/kg	
Total EPH	Total EPH	63.1			6.08	18.1	mg/kg	

U = Not Detected

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N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS12-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	66.1	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016454.D	1	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.31	J	0.18	1.01	mg/kg
Aromatic C12-C16	Aromatic C12-C16	3.22		0.35	1.51	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.22		0.60	2.52	mg/kg
Aromatic C21-C36	Aromatic C21-C36	5.63		1.80	4.03	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	42.9		40 - 140	86%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.4		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.7		40 - 140	49%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3176-01	Acq On:	25 Sep 2025 16:52
Client Sample ID:	EME-TS12-01	Operator:	YP\AJ
Data file:	FF016454.D	Misc:	
Instrument:	FID_F	ALS Vial:	83
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.521	6.398	438274	3.058	200	ug/ml
Aromatic C12-C16	6.399	9.102	4646201	32.002	300	ug/ml
Aromatic C16-C21	9.103	13.422	4605574	31.945	500	ug/ml
Aromatic C21-C36	13.423	18.876	7316564	55.922	800	ug/ml
Aromatic EPH	4.521	18.876	17006613	122.927		ug/ml
ortho-Terphenyl (SURR)	11.979	11.979	3772102	24.74		ug/ml
2-Bromonaphthalene (SURR)	8.034	8.034	5378435	42.94		ug/ml
2-Fluorobiphenyl (SURR)	8.912	8.912	3575060	42.39		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS12-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	66.1	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016653.D	1	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.55	J	0.21	1.51	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.05		0.17	1.01	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.78	J	0.20	1.51	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.95	J	0.80	2.01	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	45.4		1.78	3.02	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.5		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3176-01	Acq On:	25 Sep 2025 18:22
Client Sample ID:	EME-TS12-01	Operator:	YP\AJ
Data file:	FG016653.D	Misc:	
Instrument:	FID_G	ALS Vial:	36
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	630648	5.46	300	ug/ml
Aliphatic C12-C16	6.921	10.379	2458109	20.38	200	ug/ml
Aliphatic C16-C21	10.380	13.768	997835	7.718	300	ug/ml
Aliphatic C21-C28	13.769	17.453	2494795	19.364	400	ug/ml
Aliphatic C28-C40	17.454	22.488	45743806	451.037	600	ug/ml
Aliphatic EPH	3.279	22.488	52325193	503.959		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.512	13.512	5140031	45.54		ug/ml
Aliphatic C9-C28	3.279	17.453	6581387	52.922	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS13-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	68.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/25/25 08:15	09/25/25 18:52	PB169823

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.25	J	1	0.20	1.46	mg/kg	FG016654.D
Aliphatic C12-C16	Aliphatic C12-C16	0.66	J	1	0.16	0.97	mg/kg	FG016654.D
Aliphatic C16-C21	Aliphatic C16-C21	0.34	J	1	0.19	1.46	mg/kg	FG016654.D
Aliphatic C21-C28	Aliphatic C21-C28	1.00	J	1	0.77	1.94	mg/kg	FG016654.D
Aliphatic C28-C40	Aliphatic C28-C40	33.4		1	1.72	2.92	mg/kg	FG016654.D
Aromatic C10-C12	Aromatic C10-C12	0.18	U	1	0.18	0.97	mg/kg	FF016463.D
Aromatic C12-C16	Aromatic C12-C16	2.79		1	0.34	1.46	mg/kg	FF016463.D
Aromatic C16-C21	Aromatic C16-C21	1.46	J	1	0.58	2.43	mg/kg	FF016463.D
Aromatic C21-C36	Aromatic C21-C36	1.74	U	1	1.74	3.89	mg/kg	FF016463.D
Total AliphaticEPH	Total AliphaticEPH	35.6			3.05	8.75	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.25	J		2.83	8.75	mg/kg	
Total EPH	Total EPH	39.9			5.88	17.5	mg/kg	

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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS13-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	68.4	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016463.D	1	09/25/25	09/26/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.18	U	0.18	0.97	mg/kg
Aromatic C12-C16	Aromatic C12-C16	2.79		0.34	1.46	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.46	J	0.58	2.43	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.74	U	1.74	3.89	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	45.5		40 - 140	91%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.1		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.9		40 - 140	60%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3176-02	Acq On:	26 Sep 2025 09:11
Client Sample ID:	EME-TS13-01	Operator:	YP\AJ
Data file:	FF016463.D	Misc:	
Instrument:	FID_F	ALS Vial:	91
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.521	6.398	206095	1.438	200	ug/ml
Aromatic C12-C16	6.399	9.102	4165124	28.688	300	ug/ml
Aromatic C16-C21	9.103	13.422	2171100	15.059	500	ug/ml
Aromatic C21-C36	13.423	18.876	1682833	12.862	800	ug/ml
Aromatic EPH	4.521	18.876	8225152	58.048		ug/ml
ortho-Terphenyl (SURR)	11.976	11.976	4557936	29.9		ug/ml
2-Bromonaphthalene (SURR)	8.032	8.032	5697762	45.48		ug/ml
2-Fluorobiphenyl (SURR)	8.909	8.909	3634786	43.1		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS13-01		SDG No.:	Q3176	
Lab Sample ID:	Q3176-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	68.4	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016654.D	1	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.25	J	0.20	1.46	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.66	J	0.16	0.97	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.34	J	0.19	1.46	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.00	J	0.77	1.94	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	33.4		1.72	2.92	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.5		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3176-02	Acq On:	25 Sep 2025 18:52
Client Sample ID:	EME-TS13-01	Operator:	YP\AJ
Data file:	FG016654.D	Misc:	
Instrument:	FID_G	ALS Vial:	37
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	298166	2.581	300	ug/ml
Aliphatic C12-C16	6.921	10.379	812386	6.735	200	ug/ml
Aliphatic C16-C21	10.380	13.768	455844	3.526	300	ug/ml
Aliphatic C21-C28	13.769	17.453	1323352	10.271	400	ug/ml
Aliphatic C28-C40	17.454	22.488	34886207	343.981	600	ug/ml
Aliphatic EPH	3.279	22.488	37775955	367.095		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.511	13.511	4914957	43.54		ug/ml
Aliphatic C9-C28	3.279	17.453	2889748	23.113	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-02	SDG No.:	Q3176
Lab Sample ID:	Q3176-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/25/25 08:15	09/25/25 19:22	PB169823

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.46	J	1	0.20	1.43	mg/kg	FG016655.D
Aliphatic C12-C16	Aliphatic C12-C16	1.82		1	0.16	0.95	mg/kg	FG016655.D
Aliphatic C16-C21	Aliphatic C16-C21	0.71	J	1	0.19	1.43	mg/kg	FG016655.D
Aliphatic C21-C28	Aliphatic C21-C28	1.37	J	1	0.76	1.90	mg/kg	FG016655.D
Aliphatic C28-C40	Aliphatic C28-C40	30.0		1	1.68	2.85	mg/kg	FG016655.D
Aromatic C10-C12	Aromatic C10-C12	0.25	J	1	0.17	0.95	mg/kg	FF016464.D
Aromatic C12-C16	Aromatic C12-C16	0.58	J	1	0.33	1.43	mg/kg	FF016464.D
Aromatic C16-C21	Aromatic C16-C21	2.40		1	0.57	2.38	mg/kg	FF016464.D
Aromatic C21-C36	Aromatic C21-C36	2.60	J	1	1.70	3.80	mg/kg	FF016464.D
Total AliphaticEPH	Total AliphaticEPH	34.4			2.98	8.56	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.84	J		2.77	8.56	mg/kg	
Total EPH	Total EPH	40.2			5.75	17.1	mg/kg	

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

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-02		SDG No.:	Q3176	
Lab Sample ID:	Q3176-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	70	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF016464.D	1	09/25/25	09/26/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.25	J	0.17	0.95	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.58	J	0.33	1.43	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.40		0.57	2.38	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.60	J	1.70	3.80	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.2		40 - 140	102%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.9		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.0		40 - 140	74%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3176-03	Acq On:	26 Sep 2025 09:41
Client Sample ID:	EME-TS14-02	Operator:	YP\AJ
Data file:	FF016464.D	Misc:	
Instrument:	FID_F	ALS Vial:	92
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.521	6.398	381508	2.662	200	ug/ml
Aromatic C12-C16	6.399	9.102	892041	6.144	300	ug/ml
Aromatic C16-C21	9.103	13.422	3646195	25.29	500	ug/ml
Aromatic C21-C36	13.423	18.876	3575121	27.326	800	ug/ml
Aromatic EPH	4.521	18.876	8494865	61.422		ug/ml
ortho-Terphenyl (SURR)	11.977	11.977	5637601	36.98		ug/ml
2-Bromonaphthalene (SURR)	8.033	8.033	6415274	51.21		ug/ml
2-Fluorobiphenyl (SURR)	8.909	8.909	3705467	43.94		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	09/23/25	
Project:	RFP 916		Date Received:	09/23/25	
Client Sample ID:	EME-TS14-02		SDG No.:	Q3176	
Lab Sample ID:	Q3176-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	70	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016655.D	1	09/25/25	09/25/25	PB169823

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.46	J	0.20	1.43	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.82		0.16	0.95	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.71	J	0.19	1.43	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.37	J	0.76	1.90	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	30.0		1.68	2.85	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	53.6		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3176-03	Acq On:	25 Sep 2025 19:22
Client Sample ID:	EME-TS14-02	Operator:	YP\AJ
Data file:	FG016655.D	Misc:	
Instrument:	FID_G	ALS Vial:	38
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.279	6.920	556757	4.82	300	ug/ml
Aliphatic C12-C16	6.921	10.379	2316257	19.204	200	ug/ml
Aliphatic C16-C21	10.380	13.768	963634	7.453	300	ug/ml
Aliphatic C21-C28	13.769	17.453	1851537	14.371	400	ug/ml
Aliphatic C28-C40	17.454	22.488	31984697	315.372	600	ug/ml
Aliphatic EPH	3.279	22.488	37672882	361.22		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.511	13.511	6047130	53.57		ug/ml
Aliphatic C9-C28	3.279	17.453	5688185	45.848	1200	ug/ml

LAB CHRONICLE

OrderID:	Q3176	OrderDate:	9/24/2025 10:16:00 AM
Client:	Weston Solutions, Inc.	Project:	RFP 916
Contact:	Smita Sumbaly	Location:	J43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3176-01	EME-TS12-01	SOIL			09/23/25			09/23/25
			PCB	8082A		09/25/25	09/25/25	
			Pesticide-TCL	8081B		09/25/25	09/30/25	
			EPH	NJEPH		09/25/25	09/25/25	
Q3176-02	EME-TS13-01	SOIL			09/23/25			09/23/25
			PCB	8082A		09/25/25	09/26/25	
			Pesticide-TCL	8081B		09/25/25	09/30/25	
			EPH	NJEPH		09/25/25	09/25/25	
			EPH	NJEPH		09/25/25	09/26/25	
Q3176-03	EME-TS14-02	SOIL			09/23/25			09/23/25
			PCB	8082A		09/25/25	09/26/25	
			Pesticide-TCL	8081B		09/25/25	09/30/25	
			EPH	NJEPH		09/25/25	09/25/25	
			EPH	NJEPH		09/25/25	09/26/25	

Hit Summary Sheet
SW-846

SDG No.: Q3176
Client: Weston Solutions, Inc.

Order ID: Q3176
Project ID: RFP 916

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : EME-TS12-01								
Q3176-01	EME-TS12-01	SOIL	Aluminum	20400		1.08	6.41	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Arsenic	5.84		0.24	1.28	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Barium	44.2		0.94	6.41	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Beryllium	0.49		0.032	0.39	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Cadmium	0.30	J	0.031	0.39	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Calcium	4510		14.2	128	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Chromium	17.3		0.060	0.64	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Cobalt	3.83		0.13	1.92	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Copper	17.8		0.28	1.28	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Iron	14800		5.12	6.41	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Lead	14.1		0.17	0.77	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Magnesium	1590		15.4	128	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Manganese	1070		0.18	1.28	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Mercury	0.069		0.011	0.020	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Nickel	9.59		0.17	2.56	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Potassium	1040		35.5	128	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Selenium	1.03	J	0.33	1.28	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Sodium	213		22.8	128	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Vanadium	20.9		0.32	2.56	mg/Kg
Q3176-01	EME-TS12-01	SOIL	Zinc	47.9		0.30	2.56	mg/Kg
Client ID : EME-TS13-01								
Q3176-02	EME-TS13-01	SOIL	Aluminum	19300		1.16	6.90	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Arsenic	5.92		0.26	1.38	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Barium	41.0		1.01	6.90	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Beryllium	0.44		0.034	0.41	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Cadmium	0.25	J	0.033	0.41	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Calcium	5200		15.3	138	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Chromium	14.8		0.065	0.69	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Cobalt	3.39		0.14	2.07	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Copper	18.3		0.30	1.38	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Iron	14300		5.50	6.90	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Lead	14.4		0.18	0.83	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Magnesium	1590		16.6	138	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Manganese	992		0.19	1.38	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Mercury	0.072		0.010	0.017	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Nickel	8.18		0.18	2.76	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Potassium	1010		38.2	138	mg/Kg

Hit Summary Sheet
SW-846

SDG No.:	Q3176	Order ID:	Q3176
Client:	Weston Solutions, Inc.	Project ID:	RFP 916

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3176-02	EME-TS13-01	SOIL	Selenium	1.12	J	0.36	1.38	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Sodium	244		24.6	138	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Vanadium	20.1		0.35	2.76	mg/Kg
Q3176-02	EME-TS13-01	SOIL	Zinc	48.4		0.32	2.76	mg/Kg
Client ID : EME-TS14-02								
Q3176-03	EME-TS14-02	SOIL	Aluminum	16700		1.04	6.21	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Arsenic	6.25		0.24	1.24	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Barium	40.7		0.91	6.21	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Beryllium	0.53		0.031	0.37	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Cadmium	0.29	J	0.030	0.37	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Calcium	5400		13.8	124	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Chromium	12.8		0.058	0.62	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Cobalt	3.84		0.12	1.86	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Copper	22.0		0.27	1.24	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Iron	15600		4.96	6.21	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Lead	15.2		0.16	0.75	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Magnesium	1480		14.9	124	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Manganese	848		0.17	1.24	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Mercury	0.044		0.011	0.019	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Nickel	8.70		0.16	2.48	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Potassium	969		34.4	124	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Selenium	0.87	J	0.32	1.24	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Sodium	167		22.1	124	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Vanadium	20.5		0.31	2.48	mg/Kg
Q3176-03	EME-TS14-02	SOIL	Zinc	50.6		0.29	2.48	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS12-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	66.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	20400		1	1.08	6.41	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-36-0	Antimony	0.28	UN	1	0.28	3.21	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-38-2	Arsenic	5.84		1	0.24	1.28	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-39-3	Barium	44.2		1	0.94	6.41	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-41-7	Beryllium	0.49		1	0.032	0.39	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-43-9	Cadmium	0.30	J	1	0.031	0.39	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-70-2	Calcium	4510		1	14.2	128	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-47-3	Chromium	17.3		1	0.060	0.64	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-48-4	Cobalt	3.83		1	0.13	1.92	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-50-8	Copper	17.8		1	0.28	1.28	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7439-89-6	Iron	14800		1	5.12	6.41	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7439-92-1	Lead	14.1		1	0.17	0.77	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7439-95-4	Magnesium	1590		1	15.4	128	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7439-96-5	Manganese	1070		1	0.18	1.28	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7439-97-6	Mercury	0.069		1	0.011	0.020	mg/Kg	09/25/25 10:15	09/25/25 12:51	7471B	
7440-02-0	Nickel	9.59		1	0.17	2.56	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-09-7	Potassium	1040		1	35.5	128	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7782-49-2	Selenium	1.03	J	1	0.33	1.28	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-22-4	Silver	0.15	UN	1	0.15	0.64	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-23-5	Sodium	213		1	22.8	128	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-28-0	Thallium	0.30	U	1	0.30	2.56	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-62-2	Vanadium	20.9		1	0.32	2.56	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050
7440-66-6	Zinc	47.9		1	0.30	2.56	mg/Kg	09/25/25 10:40	09/25/25 15:08	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS13-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	68.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	19300		1	1.16	6.90	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-36-0	Antimony	0.30	UN	1	0.30	3.45	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-38-2	Arsenic	5.92		1	0.26	1.38	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-39-3	Barium	41.0		1	1.01	6.90	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-41-7	Beryllium	0.44		1	0.034	0.41	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-43-9	Cadmium	0.25	J	1	0.033	0.41	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-70-2	Calcium	5200		1	15.3	138	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-47-3	Chromium	14.8		1	0.065	0.69	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-48-4	Cobalt	3.39		1	0.14	2.07	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-50-8	Copper	18.3		1	0.30	1.38	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7439-89-6	Iron	14300		1	5.50	6.90	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7439-92-1	Lead	14.4		1	0.18	0.83	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7439-95-4	Magnesium	1590		1	16.6	138	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7439-96-5	Manganese	992		1	0.19	1.38	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7439-97-6	Mercury	0.072		1	0.010	0.017	mg/Kg	09/25/25 10:15	09/25/25 12:54	7471B	
7440-02-0	Nickel	8.18		1	0.18	2.76	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-09-7	Potassium	1010		1	38.2	138	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7782-49-2	Selenium	1.12	J	1	0.36	1.38	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-22-4	Silver	0.17	UN	1	0.17	0.69	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-23-5	Sodium	244		1	24.6	138	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-28-0	Thallium	0.32	U	1	0.32	2.76	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-62-2	Vanadium	20.1		1	0.35	2.76	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050
7440-66-6	Zinc	48.4		1	0.32	2.76	mg/Kg	09/25/25 10:40	09/25/25 15:12	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS-TAL			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-02	SDG No.:	Q3176
Lab Sample ID:	Q3176-03	Matrix:	SOIL
Level (low/med):	low	% Solid:	70

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	16700		1	1.04	6.21	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-36-0	Antimony	0.27	UN	1	0.27	3.11	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-38-2	Arsenic	6.25		1	0.24	1.24	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-39-3	Barium	40.7		1	0.91	6.21	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-41-7	Beryllium	0.53		1	0.031	0.37	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-43-9	Cadmium	0.29	J	1	0.030	0.37	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-70-2	Calcium	5400		1	13.8	124	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-47-3	Chromium	12.8		1	0.058	0.62	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-48-4	Cobalt	3.84		1	0.12	1.86	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-50-8	Copper	22.0		1	0.27	1.24	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7439-89-6	Iron	15600		1	4.96	6.21	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7439-92-1	Lead	15.2		1	0.16	0.75	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7439-95-4	Magnesium	1480		1	14.9	124	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7439-96-5	Manganese	848		1	0.17	1.24	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7439-97-6	Mercury	0.044		1	0.011	0.019	mg/Kg	09/25/25 10:15	09/25/25 12:56	7471B	
7440-02-0	Nickel	8.70		1	0.16	2.48	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-09-7	Potassium	969		1	34.4	124	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7782-49-2	Selenium	0.87	J	1	0.32	1.24	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-22-4	Silver	0.15	UN	1	0.15	0.62	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-23-5	Sodium	167		1	22.1	124	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-28-0	Thallium	0.29	U	1	0.29	2.48	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-62-2	Vanadium	20.5		1	0.31	2.48	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050
7440-66-6	Zinc	50.6		1	0.29	2.48	mg/Kg	09/25/25 10:40	09/25/25 15:24	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q3176	OrderDate:	9/24/2025 10:16:00 AM
Client:	Weston Solutions, Inc.	Project:	RFP 916
Contact:	Smita Sumbaly	Location:	J43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3176-01	EME-TS12-01	SOIL			09/23/25			09/23/25
			Mercury	7471B		09/25/25	09/25/25	
			Metals ICP-TAL	6010D		09/25/25	09/25/25	
Q3176-02	EME-TS13-01	SOIL			09/23/25			09/23/25
			Mercury	7471B		09/25/25	09/25/25	
			Metals ICP-TAL	6010D		09/25/25	09/25/25	
Q3176-03	EME-TS14-02	SOIL			09/23/25			09/23/25
			Mercury	7471B		09/25/25	09/25/25	
			Metals ICP-TAL	6010D		09/25/25	09/25/25	



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25 12:08
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS12-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-01	Matrix:	SOIL
		% Solid:	66.1

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.38		1	0.062	0.37	mg/Kg	09/26/25 08:30	09/26/25 13:48	9012B

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
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25 12:20
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS13-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-02	Matrix:	SOIL
		% Solid:	68.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.64		1	0.061	0.36	mg/Kg	09/26/25 08:30	09/26/25 13:48	9012B

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
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25 12:57
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-02	SDG No.:	Q3176
Lab Sample ID:	Q3176-03	Matrix:	SOIL
		% Solid:	70

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.44		1	0.058	0.34	mg/Kg	09/26/25 08:30	09/26/25 13:48	9012B

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
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q3176	OrderDate:	9/24/2025 10:16:00 AM
Client:	Weston Solutions, Inc.	Project:	RFP 916
Contact:	Smita Sumbaly	Location:	J43,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3176-01	EME-TS12-01	SOIL			09/23/25 12:08			09/23/25
			Cyanide	9012B		09/26/25	09/26/25 13:48	
Q3176-02	EME-TS13-01	SOIL			09/23/25 12:20			09/23/25
			Cyanide	9012B		09/26/25	09/26/25 13:48	
Q3176-03	EME-TS14-02	SOIL			09/23/25 12:57			09/23/25
			Cyanide	9012B		09/26/25	09/26/25 13:48	



SHIPPING DOCUMENTS

USEPA

DateShipped: 9/23/2025

CarrierName: Hand-Delivered

AirbillNo:

CHAIN OF CUSTODY RECORD

Case #:

Contact Name: Leticia Campiglia

Contact Phone: 732-570-4993

No: 2-092325-0004-0049-01

Cooler #: 1 of 2

Lab: Alliance Technical Group LLC (non-CLP)

Lab Phone: 908-789-8900

Lab #	Sample #	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	EME-TS12-01	Percent Moisture	Soil	9/23/2025	12:08	1	4 oz jar w/ septum	4 C	
	EME-TS12-01	TAL SVOCs, PCBs, Pesticides	Soil	9/23/2025	12:08	2	8 oz amber glass jar	4 C	
	EME-TS12-01	TAL Metals + Hg and Cn	Soil	9/23/2025	12:08	1	8 oz clear glass jar	4 C	
	EME-TS12-01	EPH	Soil	9/23/2025	12:08	1	4 oz glass jar	4 C	
	EME-TS12-01	SPLP VOCs	Soil	9/23/2025	12:08	3	5 g Encore sampler	4 C	
	EME-TS12-01	SPLP SVOCs, Pesticides, PCBs	Soil	9/23/2025	12:08	2	8 oz amber glass jar	4 C	
	EME-TS12-01	SPLP Metals + Hg and Cn	Soil	9/23/2025	12:08	1	8 oz clear glass jar	4 C	
	EME-TS12-01	SPLP EPH	Soil	9/23/2025	12:08	1	4 oz glass jar	4 C	
	EME-TS12-01	TAL VOCs,	Soil	9/23/2025	12:08	3	5 g Encore sampler	4 C	
	EME-TS13-01	SPLP VOCs	Soil	9/23/2025	12:20	3	5 g Encore sampler	4 C	
	EME-TS13-01	TAL VOCs,	Soil	9/23/2025	12:20	3	5 g Encore sampler	4 C	
	EME-TS13-01	Percent Moisture	Soil	9/23/2025	12:20	1	4 oz jar w/ septum	4 C	
	EME-TS13-01	TAL SVOCs, PCBs, Pesticides	Soil	9/23/2025	12:20	2	8 oz amber glass jar	4 C	
	EME-TS13-01	EPH	Soil	9/23/2025	12:20	1	4 oz glass jar	4 C	
	EME-TS13-01	SPLP SVOCs, Pesticides, PCBs	Soil	9/23/2025	12:20	2	8 oz amber glass jar	4 C	
	EME-TS13-01	SPLP Metals + Hg and Cn	Soil	9/23/2025	12:20	1	8 oz clear glass jar	4 C	
	EME-TS13-01	SPLP EPH	Soil	9/23/2025	12:20	1	4 oz glass jar	4 C	
	EME-TS13-01	TAL Metals + Hg and Cn	Soil	9/23/2025	12:20	1	8 oz clear glass jar	4 C	

Special Instructions: RFP # 916. Please email results to leticia.campiglia@westonsolutions.com, smita.sumbaly@westonsolutions.com, ronan.clynch@westonsolutions.com and michael.lang@westonsolutions.com. 7 day preliminary TAT.

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples	LC / START VI Weston	9/23/25 1700		9-23-25 1700	1.5°C IR flow #1 custody subs taken Temp GIVE present

USEPA

DateShipped: 9/23/2025

CarrierName: Hand-Delivered

AirbillNo:

CHAIN OF CUSTODY RECORD

Case #:

Contact Name: Leticia Campiglia

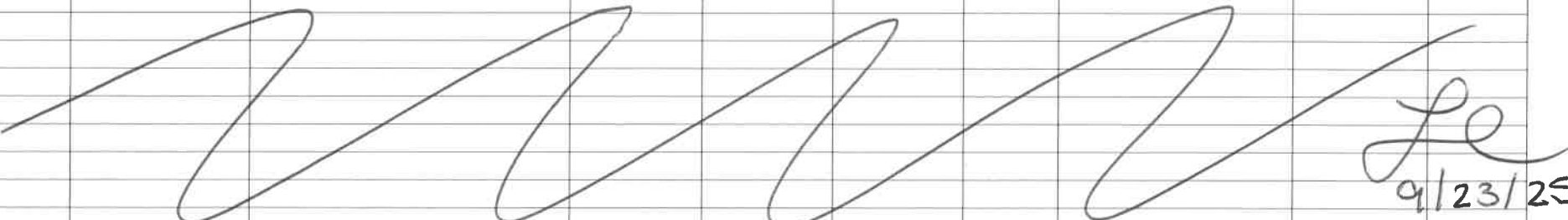
Contact Phone: 732-570-4993

No: 2-092325-0004-0049-01

Cooler #: 1 of 2

Lab: Alliance Technical Group LLC (non-CLP)

Lab Phone: 908-789-8900

Lab #	Sample #	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	EME-TS14-02	SPLP Metals + Hg and Cn	Soil	9/23/2025	12:57	1	8 oz clear glass jar	4 C	
	EME-TS14-02	TAL VOCs,	Soil	9/23/2025	12:57	3	5 g Encore sampler	4 C	
	EME-TS14-02	Percent Moisture	Soil	9/23/2025	12:57	1	4 oz jar w/ septum	4 C	
	EME-TS14-02	TAL SVOCs, PCBs, Pesticides	Soil	9/23/2025	12:57	2	8 oz amber glass jar	4 C	
	EME-TS14-02	EPH	Soil	9/23/2025	12:57	1	4 oz glass jar	4 C	
	EME-TS14-02	SPLP VOCs	Soil	9/23/2025	12:57	3	5 g Encore sampler	4 C	
	EME-TS14-02	SPLP SVOCs, Pesticides, PCBs	Soil	9/23/2025	12:57	2	8 oz amber glass jar	4 C	
	EME-TS14-02	SPLP EPH	Soil	9/23/2025	12:57	1	4 oz glass jar	4 C	
	EME-TS14-02	TAL Metals + Hg and Cn	Soil	9/23/2025	12:57	1	8 oz clear glass jar	4 C	
									

Special Instructions: RFP # 916. Please email results to leticia.campiglia@westonsolutions.com, smita.sumbaly@westonsolutions.com, ronan.clynch@westonsolutions.com and michael.lang@westonsolutions.com.
7 day preliminary TAT.

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples	LE / START VI weston	9/23/25 1700		9-23-25 1700	15°C ILGUV #1 custody seals intact Temp DIX. present

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3176	ROYF02	Order Date : 9/24/2025 10:16:00 AM	Project Mgr :
Client Name : Weston Solutions, Inc.		Project Name : RFP 916	Report Type : Level 4
Client Contact : Smita Sumbaly		Receive DateTime : 9/23/2025 5:00:00 PM	EDD Type : Equis Region2(MEDD)
Invoice Name : Weston Solutions, Inc.		Purchase Order :	Hard Copy Date :
Invoice Contact : Smita Sumbaly			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3176-01	EME-TS12-01	Solid	09/23/2025	12:08					
					VOC-TCLVOA-10		8260D	5 Bus. Days	
Q3176-02	EME-TS13-01	Solid	09/23/2025	12:20					
					VOC-TCLVOA-10		8260D	5 Bus. Days	
Q3176-03	EME-TS14-01	Solid	09/23/2025	12:57					
					VOC-TCLVOA-10		8260D	5 Bus. Days	

Relinquished By : 

Date / Time : 9/24/25 1110

Received By : 

Date / Time : 09/24/25

11:15

Storage Area : VOA Refridgerator Room