

ANALYTICAL RESULTS SUMMARY

GC SEMI-VOLATILES

PROJECT NAME : RFP 872

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

ORDER ID : P4620
ATTENTION : Smita Sumbaly



Laboratory Certification ID # 20012



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Cover Page

Order ID : P4620**Project ID :** RFP 872**Client :** Weston Solutions, Inc.**Lab Sample Number**

P4620-01
P4620-02
P4620-03
P4620-04
P4620-05
P4620-06
P4620-07
P4620-08
P4620-09
P4620-10
P4620-11
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P4620-18
P4620-19
P4620-20
P4620-22
P4620-23
P4620-24
P4620-25
P4620-26
P4620-27
P4620-29
P4620-30

Client Sample Number

P001-CF06-01
P001-CF06-01
P001-CF07-01
P001-CF07-01
P001-CF08-01
P001-CF08-01
P001-CF09-01
P001-CF09-01
P001-CF10-01
P001-CF10-01
P001-CF11-01
P001-CF11-01
P001-CF12-01
P001-CF12-01
P001-CF13-01
P001-CF13-01
P001-CF14-01
P001-CF14-01
P001-CF15-01
P001-CF15-01
P001-CF16-01
P001-CF16-01MS
P001-CF16-01MSD
P001-CF16-01
P001-CF16-01MS
P001-CF16-01MSD
P001-CF16-02
P001-CF16-02

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 : _____

Date: 11/12/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Weston Solutions, Inc.

Project Name: RFP 872

Project # N/A

Chemtech Project # P4620

Test Name: SPLP PCB

A. Number of Samples and Date of Receipt:

28 Solid samples were received on 10/29/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: EPH, SPLP Extraction and SPLP PCB. This data package contains results for SPLP 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 SPLP PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

E. Additional Comments:

F. Calculation for Concentration in Water Samples:

$$\text{Concentration ug/L} = \frac{(A_x) (V_t) (DF) (GPC)}{(CF) (V_o) (V_i)}$$

Where,

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

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

V_o = Volume of water extracted in mL.

V_i = Volume of extract injected in uL.

V_t = Volume of the concentrated extract in uL

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

V_{in} = Volume of extract loaded onto GPC column.

V_{out} = 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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Signature_____

CASE NARRATIVE

Weston Solutions, Inc.

Project Name: RFP 872

Project # N/A

Chemtech Project # P4620

Test Name: EPH

A. Number of Samples and Date of Receipt:

28 Solid samples were received on 10/29/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: EPH, SPLP Extraction and SPLP PCB. 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 met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

E. Additional Comments:

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

F. Calculation for Concentration in Water Samples:

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

Where:

C = Concentration of each compound or hydrocarbon range, ug/L

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

D = Dilution Factor

Vs = Volume of sample extracted, mL

Ve = Final volume of extract, uL

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

G. 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.

H. Manual Integration Comments:

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

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

Signature_____

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 #: P4620

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: SOHIL JODHANI

Date: 11/12/2024

Hit Summary Sheet
SW-846

A

SDG No.: P4620
Client: Weston Solutions, Inc.

Order ID: P4620
Project ID: RFP 872

B

C

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

D

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF06-01		SDG No.:	P4620	
Lab Sample ID:	P4620-02		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068326.D	1	10/31/24 10:30	10/31/24 16:28	PB164566

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.6		10 - 157	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.0		10 - 173	110%	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF07-01		SDG No.:	P4620	
Lab Sample ID:	P4620-04		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068327.D	1	10/31/24 10:30	10/31/24 16:44	PB164566

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.9		10 - 157	115%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		10 - 173	102%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF08-01		SDG No.:	P4620	
Lab Sample ID:	P4620-06		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068328.D	1	10/31/24 10:30	10/31/24 17:01	PB164566

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		10 - 157	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	30.2		10 - 173	151%	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF09-01		SDG No.:	P4620	
Lab Sample ID:	P4620-08		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068329.D	1	10/31/24 10:30	10/31/24 17:17	PB164566

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		10 - 157	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		10 - 173	110%	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF10-01		SDG No.:	P4620	
Lab Sample ID:	P4620-10		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068330.D	1	10/31/24 10:30	10/31/24 17:33	PB164566

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		10 - 157	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.8		10 - 173	124%	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF11-01		SDG No.:	P4620	
Lab Sample ID:	P4620-12		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068331.D	1	10/31/24 10:30	10/31/24 17:50	PB164566

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		10 - 157	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		10 - 173	82%	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF12-01		SDG No.:	P4620	
Lab Sample ID:	P4620-14		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068332.D	1	10/31/24 10:30	10/31/24 18:06	PB164566

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		10 - 157	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.4		10 - 173	102%	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF13-01		SDG No.:	P4620	
Lab Sample ID:	P4620-16		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107569.D	1	10/31/24 10:30	10/31/24 18:31	PB164566

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.6		10 - 157	108%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		10 - 173	86%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF14-01		SDG No.:	P4620	
Lab Sample ID:	P4620-18		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107570.D	1	10/31/24 10:30	10/31/24 18:48	PB164566

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.7		10 - 157	119%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.5		10 - 173	98%	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF15-01		SDG No.:	P4620	
Lab Sample ID:	P4620-20		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107571.D	1	10/31/24 10:30	10/31/24 19:04	PB164566

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		10 - 157	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		10 - 173	86%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF16-01		SDG No.:	P4620	
Lab Sample ID:	P4620-25		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107572.D	1	10/31/24 10:30	10/31/24 19:20	PB164566

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.9		10 - 157	104%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		10 - 173	88%	SPK: 20

Comments:

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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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF16-02		SDG No.:	P4620	
Lab Sample ID:	P4620-30		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107575.D	1	10/31/24 10:30	10/31/24 20:09	PB164566

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.7		10 - 157	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.5		10 - 173	93%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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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:		
Project:	RFP 872		Date Received:	10/31/24	
Client Sample ID:	PB164566TB		SDG No.:	P4620	
Lab Sample ID:	PB164566TB		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	SPLP PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP068325.D	1	10/31/24 10:30	10/31/24 16:11	PB164566

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.7		10 - 157	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.3		10 - 173	112%	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

LAB CHRONICLE

OrderID:	P4620	OrderDate:	10/29/2024 3:36:00 PM
Client:	Weston Solutions, Inc.	Project:	RFP 872
Contact:	Smita Sumbaly	Location:	K41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4620-01	P001-CF06-01	Solid	EPH	NJEPH	10/29/24	11/03/24	11/04/24	10/29/24
P4620-02	P001-CF06-01	Water	EPH SPLP PCB	NJEPH 8082A	10/29/24	11/03/24 10/31/24	11/04/24 10/31/24	10/29/24
P4620-03	P001-CF07-01	Solid	EPH	NJEPH	10/29/24	11/03/24	11/04/24	10/29/24
P4620-04	P001-CF07-01	Water	EPH SPLP PCB	NJEPH 8082A	10/29/24	11/03/24 10/31/24	11/04/24 10/31/24	10/29/24
P4620-05	P001-CF08-01	Solid	EPH	NJEPH	10/29/24	11/03/24	11/04/24	10/29/24
P4620-06	P001-CF08-01	Water	EPH SPLP PCB	NJEPH 8082A	10/29/24	11/03/24 10/31/24	11/04/24 10/31/24	10/29/24
P4620-07	P001-CF09-01	Solid	EPH	NJEPH	10/29/24	11/03/24	11/04/24	10/29/24
P4620-08	P001-CF09-01	Water	EPH SPLP PCB	NJEPH 8082A	10/29/24	11/03/24 10/31/24	11/04/24 10/31/24	10/29/24
P4620-09	P001-CF10-01	Solid	EPH	NJEPH	10/29/24	11/03/24	11/04/24	10/29/24
P4620-10	P001-CF10-01	Water	EPH	NJEPH	10/29/24	11/03/24	11/04/24	10/29/24

LAB CHRONICLE

			SPLP PCB	8082A		10/31/24	10/31/24	
P4620-11	P001-CF11-01	Solid			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
P4620-12	P001-CF11-01	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			SPLP PCB	8082A		10/31/24	10/31/24	
P4620-13	P001-CF12-01	Solid			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			EPH	NJEPH		11/03/24	11/05/24	
P4620-14	P001-CF12-01	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			SPLP PCB	8082A		10/31/24	10/31/24	
P4620-15	P001-CF13-01	Solid			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
P4620-16	P001-CF13-01	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			SPLP PCB	8082A		10/31/24	10/31/24	
P4620-17	P001-CF14-01	Solid			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
P4620-18	P001-CF14-01	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			SPLP PCB	8082A		10/31/24	10/31/24	
P4620-19	P001-CF15-01	Solid			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
P4620-20	P001-CF15-01	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			SPLP PCB	8082A		10/31/24	10/31/24	
P4620-22	P001-CF16-01	Solid			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
P4620-25	P001-CF16-01	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	

LAB CHRONICLE

P4620-29	P001-CF16-02	Solid	SPLP PCB	8082A		10/31/24	10/31/24	
			EPH	NJEPH	10/29/24	11/03/24	11/05/24	10/29/24
P4620-30	P001-CF16-02	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			SPLP PCB	8082A		10/31/24	10/31/24	



SAMPLE DATA

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF06-01	SDG No.:	P4620
Lab Sample ID:	P4620-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:45	11/04/24 16:38	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.05	mg/kg	FC067604.D
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	1	0.25	0.70	mg/kg	FC067604.D
Aliphatic C16-C21	Aliphatic C16-C21	0.32	U	1	0.32	1.05	mg/kg	FC067604.D
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	1.40	mg/kg	FC067604.D
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1	1.89	2.10	mg/kg	FC067604.D
Aromatic C10-C12	Aromatic C10-C12	0.32	U	1	0.32	0.70	mg/kg	FD048641.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.05	mg/kg	FD048641.D
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1	1.01	1.75	mg/kg	FD048641.D
Aromatic C21-C36	Aromatic C21-C36	2.10	U	1	2.10	2.80	mg/kg	FD048641.D
Total AliphaticEPH	Total AliphaticEPH	3.69	U		3.69	6.30	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.78	U		3.78	6.30	mg/kg	
Total EPH	Total EPH	7.48	U		7.48	12.6	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:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF06-01	SDG No.:	P4620
Lab Sample ID:	P4620-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067604.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	0.40	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.32	U	0.32	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	0.84	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1.89	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.0		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-01	Acq On:	04 Nov 2024 16:38
Client Sample ID:	P001-CF06-01	Operator:	YP/AJ
Data file:	FC067604.D	Misc:	
Instrument:	FID_C	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	85476	0.631	300	ug/ml
Aliphatic C12-C16	6.450	9.838	176986	1.344	200	ug/ml
Aliphatic C16-C21	9.839	13.196	60355	0.474	300	ug/ml
Aliphatic C21-C28	13.197	16.847	59631	0.497	400	ug/ml
Aliphatic C28-C40	16.848	21.685	0	0	600	ug/ml
Aliphatic EPH	3.171	21.685	382448	2.946		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.930	12.930	3780730	35.01		ug/ml
Aliphatic C9-C28	3.171	16.847	382448	2.946	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF06-01	SDG No.:	P4620
Lab Sample ID:	P4620-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048641.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.32	U	0.32	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1.01	1.75	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.10	U	2.10	2.80	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	58.4		40 - 140	117%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	56.9		40 - 140	114%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.4		40 - 140	59%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-01	Acq On:	04 Nov 2024 16:38
Client Sample ID:	P001-CF06-01	Operator:	YP/AJ
Data file:	FD048641.D	Misc:	
Instrument:	FID_D	ALS Vial:	56
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	3850758	24.109		ug/ml
2-Bromonaphthalene (SURR)	7.368	7.368	8870156	58.44		ug/ml
2-Fluorobiphenyl (SURR)	8.218	8.218	5583529	56.86		ug/ml
ortho-Terphenyl (SURR)	11.253	11.253	5005014	29.38		ug/ml
Aromatic C10-C12	4.093	5.811	187671	1.065	200	ug/ml
Aromatic C12-C16	5.812	8.416	57101	0.322	300	ug/ml
Aromatic C16-C21	8.417	12.676	2005435	12.241	500	ug/ml
Aromatic C21-C36	12.677	18.080	1600551	10.481	800	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF06-01	SDG No.:	P4620
Lab Sample ID:	P4620-02	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:20	11/04/24 11:43	PB164637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FG014636.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FG014636.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FG014636.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FG014636.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FG014636.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FF014906.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FF014906.D
Aromatic C16-C21	Aromatic C16-C21	32.8	J	1	12.7	50.0	ug/l	FF014906.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FF014906.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	44.9	U		44.9	180	ug/l	
Total EPH	Total EPH	85.4	U		85.4	360	ug/l	

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:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF06-01	SDG No.:	P4620
Lab Sample ID:	P4620-02	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014906.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	32.8	J	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.1		40 - 140	98%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	44.4		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	48.9		40 - 140	98%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-02	Acq On:	04 Nov 2024 11:43
Client Sample ID:	P001-CF06-01	Operator:	YP\AJ
Data file:	FF014906.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	225119	1.442	200	ug/ml
Aromatic C12-C16	6.373	9.064	127105	0.796	300	ug/ml
Aromatic C16-C21	9.065	13.375	2546975	16.391	500	ug/ml
Aromatic C21-C36	13.376	18.817	784909	5.288	800	ug/ml
Aromatic EPH	4.508	18.817	3684108	23.917		ug/ml
2-Bromonaphthalene (SURRE)	7.987	7.987	6851922	49.14		ug/ml
2-Fluorobiphenyl (SURRE)	8.861	8.861	4191407	44.44		ug/ml
ortho-Terphenyl (SURRE)	11.927	11.927	7821861	48.89		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF06-01		SDG No.:	P4620	
Lab Sample ID:	P4620-02		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014636.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	56.2		40 - 140	112%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-02	Acq On:	04 Nov 2024 11:43
Client Sample ID:	P001-CF06-01	Operator:	YP\AJ
Data file:	FG014636.D	Misc:	
Instrument:	FID_G	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	164888	1.255	300	ug/ml
Aliphatic C12-C16	6.850	10.292	464480	3.42	200	ug/ml
Aliphatic C16-C21	10.293	13.665	168554	1.193	300	ug/ml
Aliphatic C21-C28	13.666	17.329	47792	0.34	400	ug/ml
Aliphatic C28-C40	17.330	22.266	137511	1.301	600	ug/ml
Aliphatic EPH	3.228	22.266	983225	7.51		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.403	13.403	6900768	56.2		ug/ml
Aliphatic C9-C28	3.228	17.329	845714	6.208	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF07-01	SDG No.:	P4620
Lab Sample ID:	P4620-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.5
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
11/03/24 08:45	11/04/24 17:14	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.04	mg/kg	FC067605.D
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	1	0.25	0.70	mg/kg	FC067605.D
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	1	0.31	1.04	mg/kg	FC067605.D
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	1.39	mg/kg	FC067605.D
Aliphatic C28-C40	Aliphatic C28-C40	1.88	U	1	1.88	2.09	mg/kg	FC067605.D
Aromatic C10-C12	Aromatic C10-C12	0.31	U	1	0.31	0.70	mg/kg	FD048642.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.04	mg/kg	FD048642.D
Aromatic C16-C21	Aromatic C16-C21	1.00	U	1	1.00	1.74	mg/kg	FD048642.D
Aromatic C21-C36	Aromatic C21-C36	2.09	U	1	2.09	2.79	mg/kg	FD048642.D
Total AliphaticEPH	Total AliphaticEPH	3.68	U		3.68	6.26	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.76	U		3.76	6.27	mg/kg	
Total EPH	Total EPH	7.43	U		7.43	12.5	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:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF07-01	SDG No.:	P4620
Lab Sample ID:	P4620-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.5
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
FC067605.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	0.40	1.04	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	0.31	1.04	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	0.84	1.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.88	U	1.88	2.09	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.1		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-03	Acq On:	04 Nov 2024 17:14
Client Sample ID:	P001-CF07-01	Operator:	YP/AJ
Data file:	FC067605.D	Misc:	
Instrument:	FID_C	ALS Vial:	7
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	117884	0.87	300	ug/ml
Aliphatic C12-C16	6.450	9.838	38234	0.29	200	ug/ml
Aliphatic C16-C21	9.839	13.196	49241	0.387	300	ug/ml
Aliphatic C21-C28	13.197	16.847	189508	1.578	400	ug/ml
Aliphatic C28-C40	16.848	21.685	544280	5.384	600	ug/ml
Aliphatic EPH	3.171	21.685	939147	8.51		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.928	12.928	4330615	40.1		ug/ml
Aliphatic C9-C28	3.171	16.847	394867	3.125	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF07-01		SDG No.:	P4620	
Lab Sample ID:	P4620-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.5	
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
FD048642.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.31	U	0.31	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.04	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.00	U	1.00	1.74	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.09	U	2.09	2.79	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	48.0		40 - 140	96%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	48.3		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.8		40 - 140	50%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-03	Acq On:	04 Nov 2024 17:14
Client Sample ID:	P001-CF07-01	Operator:	YP/AJ
Data file:	FD048642.D	Misc:	
Instrument:	FID_D	ALS Vial:	57
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	2326271	14.792		ug/ml
ortho-Terphenyl (SURR)	11.253	11.253	4220911	24.78		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	7282436	47.98		ug/ml
2-Fluorobiphenyl (SURR)	8.219	8.219	4741213	48.29		ug/ml
Aromatic C10-C12	4.093	5.811	54027	0.307	200	ug/ml
Aromatic C12-C16	5.812	8.416	0	0	300	ug/ml
Aromatic C16-C21	8.417	12.676	886553	5.411	500	ug/ml
Aromatic C21-C36	12.677	18.080	1385691	9.074	800	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF07-01	SDG No.:	P4620
Lab Sample ID:	P4620-04	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:20	11/04/24 12:11	PB164637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FG014637.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FG014637.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FG014637.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FG014637.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FG014637.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FF014907.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FF014907.D
Aromatic C16-C21	Aromatic C16-C21	41.2	J	1	12.7	50.0	ug/l	FF014907.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FF014907.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	44.9	U		44.9	180	ug/l	
Total EPH	Total EPH	85.4	U		85.4	360	ug/l	

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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF07-01		SDG No.:	P4620	
Lab Sample ID:	P4620-04		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014907.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	41.2	J	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.5		40 - 140	101%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.2		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.6		40 - 140	99%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-04	Acq On:	04 Nov 2024 12:11
Client Sample ID:	P001-CF07-01	Operator:	YP\AJ
Data file:	FF014907.D	Misc:	
Instrument:	FID_F	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	416127	2.666	200	ug/ml
Aromatic C12-C16	6.373	9.064	224147	1.404	300	ug/ml
Aromatic C16-C21	9.065	13.375	3204747	20.624	500	ug/ml
Aromatic C21-C36	13.376	18.817	615264	4.145	800	ug/ml
Aromatic EPH	4.508	18.817	4460285	28.839		ug/ml
2-Bromonaphthalene (SURR)	7.992	7.992	7035504	50.45		ug/ml
2-Fluorobiphenyl (SURR)	8.866	8.866	4734739	50.2		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	7938766	49.62		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF07-01	SDG No.:	P4620
Lab Sample ID:	P4620-04	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014637.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.5		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-04	Acq On:	04 Nov 2024 12:11
Client Sample ID:	P001-CF07-01	Operator:	YP\AJ
Data file:	FG014637.D	Misc:	
Instrument:	FID_G	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	78202	0.595	300	ug/ml
Aliphatic C12-C16	6.850	10.292	43472	0.32	200	ug/ml
Aliphatic C16-C21	10.293	13.665	132081	0.935	300	ug/ml
Aliphatic C21-C28	13.666	17.329	0	0	400	ug/ml
Aliphatic C28-C40	17.330	22.266	10422	0.099	600	ug/ml
Aliphatic EPH	3.228	22.266	264177	1.949		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.398	13.398	5470035	44.55		ug/ml
Aliphatic C9-C28	3.228	17.329	253755	1.85	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF08-01	SDG No.:	P4620
Lab Sample ID:	P4620-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.1
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:45	11/04/24 17:50	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.05	mg/kg	FC067606.D
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	1	0.25	0.70	mg/kg	FC067606.D
Aliphatic C16-C21	Aliphatic C16-C21	0.32	U	1	0.32	1.05	mg/kg	FC067606.D
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	1.40	mg/kg	FC067606.D
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1	1.89	2.10	mg/kg	FC067606.D
Aromatic C10-C12	Aromatic C10-C12	0.32	U	1	0.32	0.70	mg/kg	FD048643.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.05	mg/kg	FD048643.D
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1	1.01	1.75	mg/kg	FD048643.D
Aromatic C21-C36	Aromatic C21-C36	2.10	U	1	2.10	2.80	mg/kg	FD048643.D
Total AliphaticEPH	Total AliphaticEPH	3.70	U		3.70	6.30	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.78	U		3.78	6.30	mg/kg	
Total EPH	Total EPH	7.48	U		7.48	12.6	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF08-01		SDG No.:	P4620	
Lab Sample ID:	P4620-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.1	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067606.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	0.40	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.32	U	0.32	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	0.84	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1.89	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.2		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-05	Acq On:	04 Nov 2024 17:50
Client Sample ID:	P001-CF08-01	Operator:	YP/AJ
Data file:	FC067606.D	Misc:	
Instrument:	FID_C	ALS Vial:	8
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	54091	0.399	300	ug/ml
Aliphatic C12-C16	6.450	9.838	199360	1.514	200	ug/ml
Aliphatic C16-C21	9.839	13.196	0	0	300	ug/ml
Aliphatic C21-C28	13.197	16.847	0	0	400	ug/ml
Aliphatic C28-C40	16.848	21.685	0	0	600	ug/ml
Aliphatic EPH	3.171	21.685	253451	1.913		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	3589582	33.24		ug/ml
Aliphatic C9-C28	3.171	16.847	253451	1.913	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF08-01	SDG No.:	P4620
Lab Sample ID:	P4620-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.1
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048643.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.32	U	0.32	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1.01	1.75	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.10	U	2.10	2.80	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	46.5		40 - 140	93%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	44.2		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.9		40 - 140	54%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-05	Acq On:	04 Nov 2024 17:50
Client Sample ID:	P001-CF08-01	Operator:	YP/AJ
Data file:	FD048643.D	Misc:	
Instrument:	FID_D	ALS Vial:	58
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	2793715	17.555		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	4575119	26.86		ug/ml
2-Bromonaphthalene (SURR)	7.371	7.371	7059900	46.51		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	4344369	44.24		ug/ml
Aromatic C10-C12	4.093	5.811	87005	0.494	200	ug/ml
Aromatic C12-C16	5.812	8.416	45601	0.257	300	ug/ml
Aromatic C16-C21	8.417	12.676	1398507	8.536	500	ug/ml
Aromatic C21-C36	12.677	18.080	1262602	8.268	800	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF08-01	SDG No.:	P4620
Lab Sample ID:	P4620-06	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:20	11/04/24 12:39	PB164637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FG014638.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FG014638.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FG014638.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FG014638.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FG014638.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FF014908.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FF014908.D
Aromatic C16-C21	Aromatic C16-C21	52.8		1	12.7	50.0	ug/l	FF014908.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FF014908.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	52.8	J		44.9	180	ug/l	
Total EPH	Total EPH	85.4	U		85.4	360	ug/l	

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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF08-01		SDG No.:	P4620	
Lab Sample ID:	P4620-06		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014908.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	52.8		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.4		40 - 140	103%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	50.8		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.8		40 - 140	102%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-06	Acq On:	04 Nov 2024 12:39
Client Sample ID:	P001-CF08-01	Operator:	YP\AJ
Data file:	FF014908.D	Misc:	
Instrument:	FID_F	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	297648	1.907	200	ug/ml
Aromatic C12-C16	6.373	9.064	233338	1.462	300	ug/ml
Aromatic C16-C21	9.065	13.375	4102134	26.4	500	ug/ml
Aromatic C21-C36	13.376	18.817	194513	1.31	800	ug/ml
Aromatic EPH	4.508	18.817	4827633	31.079		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	8127769	50.81		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	7167133	51.4		ug/ml
2-Fluorobiphenyl (SURR)	8.867	8.867	4795052	50.84		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF08-01		SDG No.:	P4620	
Lab Sample ID:	P4620-06		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014638.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	59.9		40 - 140	120%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-06	Acq On:	04 Nov 2024 12:39
Client Sample ID:	P001-CF08-01	Operator:	YP\AJ
Data file:	FG014638.D	Misc:	
Instrument:	FID_G	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	144941	1.104	300	ug/ml
Aliphatic C12-C16	6.850	10.292	88797	0.654	200	ug/ml
Aliphatic C16-C21	10.293	13.665	51708	0.366	300	ug/ml
Aliphatic C21-C28	13.666	17.329	0	0	400	ug/ml
Aliphatic C28-C40	17.330	22.266	0	0	600	ug/ml
Aliphatic EPH	3.228	22.266	285446	2.123		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.400	13.400	7359881	59.94		ug/ml
Aliphatic C9-C28	3.228	17.329	285446	2.124	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF09-01	SDG No.:	P4620
Lab Sample ID:	P4620-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
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
11/03/24 08:45	11/04/24 18:26	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.05	mg/kg	FC067607.D
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	1	0.25	0.70	mg/kg	FC067607.D
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	1	0.31	1.05	mg/kg	FC067607.D
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	1.40	mg/kg	FC067607.D
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1	1.89	2.10	mg/kg	FC067607.D
Aromatic C10-C12	Aromatic C10-C12	0.31	U	1	0.31	0.70	mg/kg	FD048644.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.05	mg/kg	FD048644.D
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1	1.01	1.75	mg/kg	FD048644.D
Aromatic C21-C36	Aromatic C21-C36	2.10	U	1	2.10	2.80	mg/kg	FD048644.D
Total AliphaticEPH	Total AliphaticEPH	3.69	U		3.69	6.30	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.78	U		3.78	6.30	mg/kg	
Total EPH	Total EPH	7.47	U		7.47	12.6	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF09-01		SDG No.:	P4620	
Lab Sample ID:	P4620-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.2	
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
FC067607.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	0.40	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	0.31	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	0.84	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1.89	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	46.1		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-07	Acq On:	04 Nov 2024 18:26
Client Sample ID:	P001-CF09-01	Operator:	YP/AJ
Data file:	FC067607.D	Misc:	
Instrument:	FID_C	ALS Vial:	9
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	107880	0.796	300	ug/ml
Aliphatic C12-C16	6.450	9.838	341235	2.591	200	ug/ml
Aliphatic C16-C21	9.839	13.196	0	0	300	ug/ml
Aliphatic C21-C28	13.197	16.847	0	0	400	ug/ml
Aliphatic C28-C40	16.848	21.685	0	0	600	ug/ml
Aliphatic EPH	3.171	21.685	449115	3.388		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.930	12.930	4976861	46.09		ug/ml
Aliphatic C9-C28	3.171	16.847	449115	3.387	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF09-01		SDG No.:	P4620	
Lab Sample ID:	P4620-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.2	
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
FD048644.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.31	U	0.31	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1.01	1.75	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.10	U	2.10	2.80	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	59.9		40 - 140	120%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.2		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.4		40 - 140	101%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-07	Acq On:	04 Nov 2024 18:26
Client Sample ID:	P001-CF09-01	Operator:	YP/AJ
Data file:	FD048644.D	Misc:	
Instrument:	FID_D	ALS Vial:	59
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	5090756	32.063		ug/ml
2-Bromonaphthalene (SURR)	7.374	7.374	9098028	59.94		ug/ml
2-Fluorobiphenyl (SURR)	8.223	8.223	5319654	54.18		ug/ml
ortho-Terphenyl (SURR)	11.260	11.260	8582763	50.39		ug/ml
Aromatic C10-C12	4.093	5.811	309874	1.759	200	ug/ml
Aromatic C12-C16	5.812	8.416	231377	1.305	300	ug/ml
Aromatic C16-C21	8.417	12.676	1780972	10.871	500	ug/ml
Aromatic C21-C36	12.677	18.080	2768533	18.129	800	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF09-01	SDG No.:	P4620
Lab Sample ID:	P4620-08	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:20	11/04/24 13:07	PB164637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FG014639.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FG014639.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FG014639.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FG014639.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FG014639.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FF014909.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FF014909.D
Aromatic C16-C21	Aromatic C16-C21	61.9		1	12.7	50.0	ug/l	FF014909.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FF014909.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	61.9	J		44.9	180	ug/l	
Total EPH	Total EPH	85.4	U		85.4	360	ug/l	

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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF09-01		SDG No.:	P4620	
Lab Sample ID:	P4620-08		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014909.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	61.9		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	57.1		40 - 140	114%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	56.6		40 - 140	113%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	56.9		40 - 140	114%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-08	Acq On:	04 Nov 2024 13:07
Client Sample ID:	P001-CF09-01	Operator:	YP\AJ
Data file:	FF014909.D	Misc:	
Instrument:	FID_F	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	652220	4.179	200	ug/ml
Aromatic C12-C16	6.373	9.064	612165	3.835	300	ug/ml
Aromatic C16-C21	9.065	13.375	4805331	30.925	500	ug/ml
Aromatic C21-C36	13.376	18.817	602327	4.058	800	ug/ml
Aromatic EPH	4.508	18.817	6672043	42.996		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	9103396	56.9		ug/ml
2-Bromonaphthalene (SURR)	7.994	7.994	7969779	57.15		ug/ml
2-Fluorobiphenyl (SURR)	8.868	8.868	5336059	56.58		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF09-01		SDG No.:	P4620	
Lab Sample ID:	P4620-08		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014639.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	56.1		40 - 140	112%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-08	Acq On:	04 Nov 2024 13:07
Client Sample ID:	P001-CF09-01	Operator:	YP\AJ
Data file:	FG014639.D	Misc:	
Instrument:	FID_G	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	145244	1.106	300	ug/ml
Aliphatic C12-C16	6.850	10.292	92401	0.68	200	ug/ml
Aliphatic C16-C21	10.293	13.665	184192	1.304	300	ug/ml
Aliphatic C21-C28	13.666	17.329	115587	0.822	400	ug/ml
Aliphatic C28-C40	17.330	22.266	0	0	600	ug/ml
Aliphatic EPH	3.228	22.266	537424	3.912		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.399	13.399	6886049	56.08		ug/ml
Aliphatic C9-C28	3.228	17.329	537424	3.912	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF10-01	SDG No.:	P4620
Lab Sample ID:	P4620-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
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
11/03/24 08:45	11/04/24 19:02	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.05	mg/kg	FC067608.D
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	1	0.25	0.70	mg/kg	FC067608.D
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	1	0.31	1.05	mg/kg	FC067608.D
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	1.40	mg/kg	FC067608.D
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1	1.89	2.10	mg/kg	FC067608.D
Aromatic C10-C12	Aromatic C10-C12	0.31	U	1	0.31	0.70	mg/kg	FD048645.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.05	mg/kg	FD048645.D
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1	1.01	1.75	mg/kg	FD048645.D
Aromatic C21-C36	Aromatic C21-C36	2.10	U	1	2.10	2.79	mg/kg	FD048645.D
Total AliphaticEPH	Total AliphaticEPH	3.69	U		3.69	6.30	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.78	U		3.78	6.29	mg/kg	
Total EPH	Total EPH	7.47	U		7.47	12.6	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF10-01		SDG No.:	P4620	
Lab Sample ID:	P4620-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.2	
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
FC067608.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	0.40	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	0.31	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	0.84	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1.89	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.1		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-09	Acq On:	04 Nov 2024 19:02
Client Sample ID:	P001-CF10-01	Operator:	YP/AJ
Data file:	FC067608.D	Misc:	
Instrument:	FID_C	ALS Vial:	10
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	126041	0.93	300	ug/ml
Aliphatic C12-C16	6.450	9.838	77794	0.591	200	ug/ml
Aliphatic C16-C21	9.839	13.196	0	0	300	ug/ml
Aliphatic C21-C28	13.197	16.847	0	0	400	ug/ml
Aliphatic C28-C40	16.848	21.685	0	0	600	ug/ml
Aliphatic EPH	3.171	21.685	203835	1.521		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	4001890	37.06		ug/ml
Aliphatic C9-C28	3.171	16.847	203835	1.521	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF10-01		SDG No.:	P4620	
Lab Sample ID:	P4620-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.2	
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
FD048645.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.31	U	0.31	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1.01	1.75	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.10	U	2.10	2.79	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	44.4		40 - 140	89%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	44.7		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.6		40 - 140	55%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-09	Acq On:	04 Nov 2024 19:02
Client Sample ID:	P001-CF10-01	Operator:	YP/AJ
Data file:	FD048645.D	Misc:	
Instrument:	FID_D	ALS Vial:	60
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	3855494	24.237		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	6735242	44.38		ug/ml
2-Fluorobiphenyl (SURR)	8.219	8.219	4385468	44.66		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	4696822	27.57		ug/ml
Aromatic C10-C12	4.093	5.811	209376	1.188	200	ug/ml
Aromatic C12-C16	5.812	8.416	74201	0.419	300	ug/ml
Aromatic C16-C21	8.417	12.676	1710160	10.438	500	ug/ml
Aromatic C21-C36	12.677	18.080	1861757	12.191	800	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF10-01		SDG No.:	P4620	
Lab Sample ID:	P4620-10		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:20	11/04/24 13:35	PB164637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FG014640.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FG014640.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FG014640.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FG014640.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FG014640.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FF014910.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FF014910.D
Aromatic C16-C21	Aromatic C16-C21	37.8	J	1	12.7	50.0	ug/l	FF014910.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FF014910.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	44.9	U		44.9	180	ug/l	
Total EPH	Total EPH	85.4	U		85.4	360	ug/l	

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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF10-01		SDG No.:	P4620	
Lab Sample ID:	P4620-10		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014910.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	37.8	J	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	50.3		40 - 140	101%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.4		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.4		40 - 140	99%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-10	Acq On:	04 Nov 2024 13:35
Client Sample ID:	P001-CF10-01	Operator:	YP\AJ
Data file:	FF014910.D	Misc:	
Instrument:	FID_F	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	414322	2.654	200	ug/ml
Aromatic C12-C16	6.373	9.064	280622	1.758	300	ug/ml
Aromatic C16-C21	9.065	13.375	2940370	18.923	500	ug/ml
Aromatic C21-C36	13.376	18.817	197747	1.332	800	ug/ml
Aromatic EPH	4.508	18.817	3833061	24.668		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	7902935	49.4		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	7011101	50.28		ug/ml
2-Fluorobiphenyl (SURR)	8.867	8.867	4662268	49.44		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF10-01		SDG No.:	P4620	
Lab Sample ID:	P4620-10		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014640.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	45.9		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-10	Acq On:	04 Nov 2024 13:35
Client Sample ID:	P001-CF10-01	Operator:	YP\AJ
Data file:	FG014640.D	Misc:	
Instrument:	FID_G	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	76684	0.584	300	ug/ml
Aliphatic C12-C16	6.850	10.292	36110	0.266	200	ug/ml
Aliphatic C16-C21	10.293	13.665	0	0	300	ug/ml
Aliphatic C21-C28	13.666	17.329	0	0	400	ug/ml
Aliphatic C28-C40	17.330	22.266	0	0	600	ug/ml
Aliphatic EPH	3.228	22.266	112794	0.85		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.399	13.399	5636633	45.9		ug/ml
Aliphatic C9-C28	3.228	17.329	112794	0.85	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF11-01	SDG No.:	P4620
Lab Sample ID:	P4620-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:45	11/04/24 19:39	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.05	mg/kg	FC067609.D
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	1	0.25	0.70	mg/kg	FC067609.D
Aliphatic C16-C21	Aliphatic C16-C21	0.32	U	1	0.32	1.05	mg/kg	FC067609.D
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	1.40	mg/kg	FC067609.D
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1	1.89	2.10	mg/kg	FC067609.D
Aromatic C10-C12	Aromatic C10-C12	0.32	U	1	0.32	0.70	mg/kg	FD048646.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.05	mg/kg	FD048646.D
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1	1.01	1.75	mg/kg	FD048646.D
Aromatic C21-C36	Aromatic C21-C36	2.10	U	1	2.10	2.80	mg/kg	FD048646.D
Total AliphaticEPH	Total AliphaticEPH	3.69	U		3.69	6.30	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.78	U		3.78	6.30	mg/kg	
Total EPH	Total EPH	7.48	U		7.48	12.6	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF11-01		SDG No.:	P4620	
Lab Sample ID:	P4620-11		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067609.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	0.40	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.32	U	0.32	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	0.84	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1.89	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.7		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-11	Acq On:	04 Nov 2024 19:39
Client Sample ID:	P001-CF11-01	Operator:	YP/AJ
Data file:	FC067609.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	120123	0.887	300	ug/ml
Aliphatic C12-C16	6.450	9.838	243104	1.846	200	ug/ml
Aliphatic C16-C21	9.839	13.196	0	0	300	ug/ml
Aliphatic C21-C28	13.197	16.847	0	0	400	ug/ml
Aliphatic C28-C40	16.848	21.685	0	0	600	ug/ml
Aliphatic EPH	3.171	21.685	363227	2.733		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	4606734	42.66		ug/ml
Aliphatic C9-C28	3.171	16.847	363227	2.733	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF11-01	SDG No.:	P4620
Lab Sample ID:	P4620-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048646.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.32	U	0.32	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1.01	1.75	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.10	U	2.10	2.80	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.6		40 - 140	99%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.6		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.4		40 - 140	49%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-11	Acq On:	04 Nov 2024 19:39
Client Sample ID:	P001-CF11-01	Operator:	YP/AJ
Data file:	FD048646.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	4121099	25.943		ug/ml
2-Bromonaphthalene (SURR)	7.371	7.371	7524964	49.58		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	4669674	47.56		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	4158685	24.41		ug/ml
Aromatic C10-C12	4.093	5.811	83573	0.474	200	ug/ml
Aromatic C12-C16	5.812	8.416	100588	0.567	300	ug/ml
Aromatic C16-C21	8.417	12.676	1978110	12.074	500	ug/ml
Aromatic C21-C36	12.677	18.080	1958828	12.827	800	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF11-01	SDG No.:	P4620
Lab Sample ID:	P4620-12	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:20	11/04/24 14:04	PB164637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FG014641.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FG014641.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FG014641.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FG014641.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FG014641.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FF014911.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FF014911.D
Aromatic C16-C21	Aromatic C16-C21	86.3		1	12.7	50.0	ug/l	FF014911.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FF014911.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	86.3	J		44.9	180	ug/l	
Total EPH	Total EPH	86.3	J		85.4	360	ug/l	

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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF11-01		SDG No.:	P4620	
Lab Sample ID:	P4620-12		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014911.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	86.3		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	43.9		40 - 140	88%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.9		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	44.0		40 - 140	88%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-12	Acq On:	04 Nov 2024 14:04
Client Sample ID:	P001-CF11-01	Operator:	YP\AJ
Data file:	FF014911.D	Misc:	
Instrument:	FID_F	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	286706	1.837	200	ug/ml
Aromatic C12-C16	6.373	9.064	297724	1.865	300	ug/ml
Aromatic C16-C21	9.065	13.375	6706547	43.161	500	ug/ml
Aromatic C21-C36	13.376	18.817	187450	1.263	800	ug/ml
Aromatic EPH	4.508	18.817	7478427	48.125		ug/ml
ortho-Terphenyl (SURR)	11.929	11.929	7043579	44.03		ug/ml
2-Bromonaphthalene (SURR)	7.992	7.992	6117916	43.87		ug/ml
2-Fluorobiphenyl (SURR)	8.866	8.866	4136874	43.86		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF11-01		SDG No.:	P4620	
Lab Sample ID:	P4620-12		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014641.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	47.4		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-12	Acq On:	04 Nov 2024 14:04
Client Sample ID:	P001-CF11-01	Operator:	YP\AJ
Data file:	FG014641.D	Misc:	
Instrument:	FID_G	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	112394	0.856	300	ug/ml
Aliphatic C12-C16	6.850	10.292	53502	0.394	200	ug/ml
Aliphatic C16-C21	10.293	13.665	87129	0.617	300	ug/ml
Aliphatic C21-C28	13.666	17.329	0	0	400	ug/ml
Aliphatic C28-C40	17.330	22.266	0	0	600	ug/ml
Aliphatic EPH	3.228	22.266	253025	1.866		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.399	13.399	5813759	47.35		ug/ml
Aliphatic C9-C28	3.228	17.329	253025	1.867	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF12-01	SDG No.:	P4620
Lab Sample ID:	P4620-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:45	11/05/24 9:41	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.05	mg/kg	FC067627.D
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	1	0.25	0.70	mg/kg	FC067627.D
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	1	0.31	1.05	mg/kg	FC067627.D
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	1.40	mg/kg	FC067627.D
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1	1.89	2.10	mg/kg	FC067627.D
Aromatic C10-C12	Aromatic C10-C12	0.31	U	1	0.31	0.70	mg/kg	FD048647.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.05	mg/kg	FD048647.D
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1	1.01	1.75	mg/kg	FD048647.D
Aromatic C21-C36	Aromatic C21-C36	2.10	U	1	2.10	2.79	mg/kg	FD048647.D
Total AliphaticEPH	Total AliphaticEPH	3.69	U		3.69	6.30	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.78	U		3.78	6.29	mg/kg	
Total EPH	Total EPH	7.47	U		7.47	12.6	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:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF12-01	SDG No.:	P4620
Lab Sample ID:	P4620-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067627.D	1	11/03/24	11/05/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	0.40	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	0.31	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	0.84	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1.89	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.1		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-13	Acq On:	05 Nov 2024 09:41
Client Sample ID:	P001-CF12-01	Operator:	YP/AJ
Data file:	FC067627.D	Misc:	
Instrument:	FID_C	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	56324	0.416	300	ug/ml
Aliphatic C12-C16	6.450	9.838	51376	0.39	200	ug/ml
Aliphatic C16-C21	9.839	13.196	0	0	300	ug/ml
Aliphatic C21-C28	13.197	16.847	158432	1.319	400	ug/ml
Aliphatic C28-C40	16.848	21.685	419390	4.149	600	ug/ml
Aliphatic EPH	3.171	21.685	685522	6.274		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	4119174	38.14		ug/ml
Aliphatic C9-C28	3.171	16.847	266132	2.125	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF12-01	SDG No.:	P4620
Lab Sample ID:	P4620-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048647.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.31	U	0.31	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1.01	1.75	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.10	U	2.10	2.79	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	40.9		40 - 140	82%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	37.9		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.2		40 - 140	64%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-13	Acq On:	04 Nov 2024 20:16
Client Sample ID:	P001-CF12-01	Operator:	YP/AJ
Data file:	FD048647.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	3200884	19.766		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	6213998	40.94		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	3717112	37.86		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	5487539	32.22		ug/ml
Aromatic C10-C12	4.093	5.811	222255	1.261	200	ug/ml
Aromatic C12-C16	5.812	8.416	324218	1.829	300	ug/ml
Aromatic C16-C21	8.417	12.676	1589004	9.699	500	ug/ml
Aromatic C21-C36	12.677	18.080	1065407	6.977	800	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF12-01		SDG No.:	P4620	
Lab Sample ID:	P4620-14		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:20	11/04/24 14:32	PB164637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FG014642.D
Aliphatic C12-C16	Aliphatic C12-C16	32.2		1	3.61	20.0	ug/l	FG014642.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FG014642.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FG014642.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FG014642.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FF014912.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FF014912.D
Aromatic C16-C21	Aromatic C16-C21	12.7	U	1	12.7	50.0	ug/l	FF014912.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FF014912.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	44.9	U		44.9	180	ug/l	
Total EPH	Total EPH	85.4	U		85.4	360	ug/l	

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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF12-01		SDG No.:	P4620	
Lab Sample ID:	P4620-14		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014912.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	12.7	U	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.6		40 - 140	95%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	32.4		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	48.7		40 - 140	97%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-14	Acq On:	04 Nov 2024 14:32
Client Sample ID:	P001-CF12-01	Operator:	YP\AJ
Data file:	FF014912.D	Misc:	
Instrument:	FID_F	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	203496	1.304	200	ug/ml
Aromatic C12-C16	6.373	9.064	117944	0.739	300	ug/ml
Aromatic C16-C21	9.065	13.375	2191194	14.102	500	ug/ml
Aromatic C21-C36	13.376	18.817	460169	3.1	800	ug/ml
Aromatic EPH	4.508	18.817	2972803	19.244		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	7791705	48.71		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	6636989	47.6		ug/ml
2-Fluorobiphenyl (SURR)	8.865	8.865	3050978	32.35		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF12-01	SDG No.:	P4620
Lab Sample ID:	P4620-14	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014642.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	32.2		3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	61.8		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-14	Acq On:	04 Nov 2024 14:32
Client Sample ID:	P001-CF12-01	Operator:	YP\AJ
Data file:	FG014642.D	Misc:	
Instrument:	FID_G	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	137085	1.044	300	ug/ml
Aliphatic C12-C16	6.850	10.292	2183981	16.08	200	ug/ml
Aliphatic C16-C21	10.293	13.665	50369	0.357	300	ug/ml
Aliphatic C21-C28	13.666	17.329	0	0	400	ug/ml
Aliphatic C28-C40	17.330	22.266	0	0	600	ug/ml
Aliphatic EPH	3.228	22.266	2371435	17.48		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.400	13.400	7583275	61.76		ug/ml
Aliphatic C9-C28	3.228	17.329	2371435	17.481	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF13-01	SDG No.:	P4620
Lab Sample ID:	P4620-15	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:45	11/04/24 20:52	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.05	mg/kg	FC067611.D
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	1	0.25	0.70	mg/kg	FC067611.D
Aliphatic C16-C21	Aliphatic C16-C21	0.32	U	1	0.32	1.05	mg/kg	FC067611.D
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	1.40	mg/kg	FC067611.D
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1	1.89	2.10	mg/kg	FC067611.D
Aromatic C10-C12	Aromatic C10-C12	0.32	U	1	0.32	0.70	mg/kg	FD048648.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.05	mg/kg	FD048648.D
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1	1.01	1.75	mg/kg	FD048648.D
Aromatic C21-C36	Aromatic C21-C36	2.10	U	1	2.10	2.80	mg/kg	FD048648.D
Total AliphaticEPH	Total AliphaticEPH	3.70	U		3.70	6.30	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.78	U		3.78	6.30	mg/kg	
Total EPH	Total EPH	7.48	U		7.48	12.6	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:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF13-01	SDG No.:	P4620
Lab Sample ID:	P4620-15	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067611.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	0.40	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.32	U	0.32	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	0.84	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.89	U	1.89	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.4		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-15	Acq On:	04 Nov 2024 20:52
Client Sample ID:	P001-CF13-01	Operator:	YP/AJ
Data file:	FC067611.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	63152	0.466	300	ug/ml
Aliphatic C12-C16	6.450	9.838	0	0	200	ug/ml
Aliphatic C16-C21	9.839	13.196	0	0	300	ug/ml
Aliphatic C21-C28	13.197	16.847	0	0	400	ug/ml
Aliphatic C28-C40	16.848	21.685	0	0	600	ug/ml
Aliphatic EPH	3.171	21.685	63152	0.466		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	4037218	37.39		ug/ml
Aliphatic C9-C28	3.171	16.847	63152	0.466	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF13-01		SDG No.:	P4620	
Lab Sample ID:	P4620-15		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048648.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.32	U	0.32	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1.01	1.75	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.10	U	2.10	2.80	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	46.4		40 - 140	93%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	46.0		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.9		40 - 140	54%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-15	Acq On:	04 Nov 2024 20:52
Client Sample ID:	P001-CF13-01	Operator:	YP/AJ
Data file:	FD048648.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	2431777	15.217		ug/ml
2-Bromonaphthalene (SURR)	7.371	7.371	7037170	46.36		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	4521081	46.04		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	4579466	26.88		ug/ml
Aromatic C10-C12	4.093	5.811	86002	0.488	200	ug/ml
Aromatic C12-C16	5.812	8.416	273616	1.543	300	ug/ml
Aromatic C16-C21	8.417	12.676	861909	5.261	500	ug/ml
Aromatic C21-C36	12.677	18.080	1210250	7.925	800	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF13-01	SDG No.:	P4620
Lab Sample ID:	P4620-16	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:20	11/04/24 15:00	PB164637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FG014643.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FG014643.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FG014643.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FG014643.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FG014643.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FF014913.D
Aromatic C12-C16	Aromatic C12-C16	13.3	J	1	3.69	30.0	ug/l	FF014913.D
Aromatic C16-C21	Aromatic C16-C21	87.8		1	12.7	50.0	ug/l	FF014913.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FF014913.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	101	J		44.9	180	ug/l	
Total EPH	Total EPH	101	J		85.4	360	ug/l	

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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF13-01		SDG No.:	P4620	
Lab Sample ID:	P4620-16		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014913.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	13.3	J	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	87.8		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.8		40 - 140	96%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.3		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.4		40 - 140	93%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-16	Acq On:	04 Nov 2024 15:00
Client Sample ID:	P001-CF13-01	Operator:	YP\AJ
Data file:	FF014913.D	Misc:	
Instrument:	FID_F	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	163192	1.046	200	ug/ml
Aromatic C12-C16	6.373	9.064	1062546	6.657	300	ug/ml
Aromatic C16-C21	9.065	13.375	6823282	43.912	500	ug/ml
Aromatic C21-C36	13.376	18.817	140554	0.947	800	ug/ml
Aromatic EPH	4.508	18.817	8189574	52.561		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	6666559	47.81		ug/ml
2-Fluorobiphenyl (SURR)	8.867	8.867	4457338	47.26		ug/ml
ortho-Terphenyl (SURR)	11.929	11.929	7419832	46.38		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF13-01	SDG No.:	P4620
Lab Sample ID:	P4620-16	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014643.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.5		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-16	Acq On:	04 Nov 2024 15:00
Client Sample ID:	P001-CF13-01	Operator:	YP\AJ
Data file:	FG014643.D	Misc:	
Instrument:	FID_G	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	60215	0.458	300	ug/ml
Aliphatic C12-C16	6.850	10.292	0	0	200	ug/ml
Aliphatic C16-C21	10.293	13.665	0	0	300	ug/ml
Aliphatic C21-C28	13.666	17.329	0	0	400	ug/ml
Aliphatic C28-C40	17.330	22.266	0	0	600	ug/ml
Aliphatic EPH	3.228	22.266	60215	0.458		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.398	13.398	5219304	42.51		ug/ml
Aliphatic C9-C28	3.228	17.329	60215	0.458	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF14-01		SDG No.:	P4620	
Lab Sample ID:	P4620-17		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.3	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:45	11/04/24 21:29	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.05	mg/kg	FC067612.D
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	1	0.25	0.70	mg/kg	FC067612.D
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	1	0.31	1.05	mg/kg	FC067612.D
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	1.39	mg/kg	FC067612.D
Aliphatic C28-C40	Aliphatic C28-C40	1.88	U	1	1.88	2.09	mg/kg	FC067612.D
Aromatic C10-C12	Aromatic C10-C12	0.31	U	1	0.31	0.70	mg/kg	FD048649.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.05	mg/kg	FD048649.D
Aromatic C16-C21	Aromatic C16-C21	1.00	U	1	1.00	1.74	mg/kg	FD048649.D
Aromatic C21-C36	Aromatic C21-C36	2.09	U	1	2.09	2.79	mg/kg	FD048649.D
Total AliphaticEPH	Total AliphaticEPH	3.68	U		3.68	6.28	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.76	U		3.76	6.28	mg/kg	
Total EPH	Total EPH	7.44	U		7.44	12.6	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF14-01		SDG No.:	P4620	
Lab Sample ID:	P4620-17		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.3	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067612.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	0.40	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	0.31	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	0.84	1.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.88	U	1.88	2.09	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.2		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-17	Acq On:	04 Nov 2024 21:29
Client Sample ID:	P001-CF14-01	Operator:	YP/AJ
Data file:	FC067612.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	54904	0.405	300	ug/ml
Aliphatic C12-C16	6.450	9.838	50781	0.386	200	ug/ml
Aliphatic C16-C21	9.839	13.196	0	0	300	ug/ml
Aliphatic C21-C28	13.197	16.847	0	0	400	ug/ml
Aliphatic C28-C40	16.848	21.685	0	0	600	ug/ml
Aliphatic EPH	3.171	21.685	105685	0.791		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.928	12.928	4021749	37.24		ug/ml
Aliphatic C9-C28	3.171	16.847	105685	0.791	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF14-01		SDG No.:	P4620	
Lab Sample ID:	P4620-17		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.3	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048649.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.31	U	0.31	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.00	U	1.00	1.74	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.09	U	2.09	2.79	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	48.3		40 - 140	96%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.3		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.0		40 - 140	52%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-17	Acq On:	04 Nov 2024 21:29
Client Sample ID:	P001-CF14-01	Operator:	YP/AJ
Data file:	FD048649.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	2762856	17.532		ug/ml
2-Bromonaphthalene (SURR)	7.371	7.371	7322770	48.25		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	4837250	49.26		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	4422710	25.96		ug/ml
Aromatic C10-C12	4.093	5.811	130753	0.742	200	ug/ml
Aromatic C12-C16	5.812	8.416	37509	0.212	300	ug/ml
Aromatic C16-C21	8.417	12.676	925877	5.651	500	ug/ml
Aromatic C21-C36	12.677	18.080	1668717	10.927	800	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF14-01	SDG No.:	P4620
Lab Sample ID:	P4620-18	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:20	11/04/24 15:28	PB164637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FG014644.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FG014644.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FG014644.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FG014644.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FG014644.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FF014914.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FF014914.D
Aromatic C16-C21	Aromatic C16-C21	33.4	J	1	12.7	50.0	ug/l	FF014914.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FF014914.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	44.9	U		44.9	180	ug/l	
Total EPH	Total EPH	85.4	U		85.4	360	ug/l	

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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF14-01		SDG No.:	P4620	
Lab Sample ID:	P4620-18		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014914.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	33.4	J	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.2		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	46.6		40 - 140	93%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.4		40 - 140	93%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-18	Acq On:	04 Nov 2024 15:28
Client Sample ID:	P001-CF14-01	Operator:	YP\AJ
Data file:	FF014914.D	Misc:	
Instrument:	FID_F	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	129441	0.829	200	ug/ml
Aromatic C12-C16	6.373	9.064	79694	0.499	300	ug/ml
Aromatic C16-C21	9.065	13.375	2593883	16.693	500	ug/ml
Aromatic C21-C36	13.376	18.817	198051	1.334	800	ug/ml
Aromatic EPH	4.508	18.817	3001069	19.356		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	7415061	46.35		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	6577938	47.17		ug/ml
2-Flurobiphenyl (SURR)	8.866	8.866	4395637	46.61		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF14-01		SDG No.:	P4620	
Lab Sample ID:	P4620-18		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014644.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.4		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:	P4620-18	Acq On:	04 Nov 2024 15:28
Client Sample ID:	P001-CF14-01	Operator:	YP\AJ
Data file:	FG014644.D	Misc:	
Instrument:	FID_G	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	80967	0.616	300	ug/ml
Aliphatic C12-C16	6.850	10.292	38929	0.287	200	ug/ml
Aliphatic C16-C21	10.293	13.665	0	0	300	ug/ml
Aliphatic C21-C28	13.666	17.329	0	0	400	ug/ml
Aliphatic C28-C40	17.330	22.266	0	0	600	ug/ml
Aliphatic EPH	3.228	22.266	119896	0.903		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.398	13.398	5324709	43.36		ug/ml
Aliphatic C9-C28	3.228	17.329	119896	0.903	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF15-01	SDG No.:	P4620
Lab Sample ID:	P4620-19	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:45	11/04/24 22:05	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.05	mg/kg	FC067613.D
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	1	0.25	0.70	mg/kg	FC067613.D
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	1	0.31	1.05	mg/kg	FC067613.D
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	1.39	mg/kg	FC067613.D
Aliphatic C28-C40	Aliphatic C28-C40	1.88	U	1	1.88	2.09	mg/kg	FC067613.D
Aromatic C10-C12	Aromatic C10-C12	0.31	U	1	0.31	0.70	mg/kg	FD048650.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.05	mg/kg	FD048650.D
Aromatic C16-C21	Aromatic C16-C21	1.00	U	1	1.00	1.74	mg/kg	FD048650.D
Aromatic C21-C36	Aromatic C21-C36	2.09	U	1	2.09	2.79	mg/kg	FD048650.D
Total AliphaticEPH	Total AliphaticEPH	3.68	U		3.68	6.28	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.76	U		3.76	6.28	mg/kg	
Total EPH	Total EPH	7.44	U		7.44	12.6	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF15-01		SDG No.:	P4620	
Lab Sample ID:	P4620-19		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.5	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067613.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	0.40	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	0.31	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	0.84	1.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.88	U	1.88	2.09	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.8		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-19	Acq On:	04 Nov 2024 22:05
Client Sample ID:	P001-CF15-01	Operator:	YP/AJ
Data file:	FC067613.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	84585	0.624	300	ug/ml
Aliphatic C12-C16	6.450	9.838	0	0	200	ug/ml
Aliphatic C16-C21	9.839	13.196	0	0	300	ug/ml
Aliphatic C21-C28	13.197	16.847	0	0	400	ug/ml
Aliphatic C28-C40	16.848	21.685	0	0	600	ug/ml
Aliphatic EPH	3.171	21.685	84585	0.624		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.928	12.928	3329646	30.83		ug/ml
Aliphatic C9-C28	3.171	16.847	84585	0.624	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF15-01	SDG No.:	P4620
Lab Sample ID:	P4620-19	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.5
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048650.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.31	U	0.31	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.00	U	1.00	1.74	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.09	U	2.09	2.79	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.3		40 - 140	103%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	52.0		40 - 140	104%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.1		40 - 140	54%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-19	Acq On:	04 Nov 2024 22:05
Client Sample ID:	P001-CF15-01	Operator:	YP/AJ
Data file:	FD048650.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	3360197	21.249		ug/ml
2-Bromonaphthalene (SURR)	7.371	7.371	7779461	51.26		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	5106476	52.01		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	4619932	27.12		ug/ml
Aromatic C10-C12	4.093	5.811	96420	0.547	200	ug/ml
Aromatic C12-C16	5.812	8.416	55023	0.31	300	ug/ml
Aromatic C16-C21	8.417	12.676	1395449	8.518	500	ug/ml
Aromatic C21-C36	12.677	18.080	1813305	11.874	800	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF15-01		SDG No.:	P4620	
Lab Sample ID:	P4620-20		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:20	11/04/24 15:57	PB164637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FG014645.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FG014645.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FG014645.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FG014645.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FG014645.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FF014915.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FF014915.D
Aromatic C16-C21	Aromatic C16-C21	59.0		1	12.7	50.0	ug/l	FF014915.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FF014915.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	59.0	J		44.9	180	ug/l	
Total EPH	Total EPH	85.4	U		85.4	360	ug/l	

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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF15-01		SDG No.:	P4620	
Lab Sample ID:	P4620-20		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014915.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	59.0		12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.2		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	55.4		40 - 140	111%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	56.5		40 - 140	113%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-20	Acq On:	04 Nov 2024 15:57
Client Sample ID:	P001-CF15-01	Operator:	YP\AJ
Data file:	FF014915.D	Misc:	
Instrument:	FID_F	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	566645	3.63	200	ug/ml
Aromatic C12-C16	6.373	9.064	502947	3.151	300	ug/ml
Aromatic C16-C21	9.065	13.375	4585459	29.51	500	ug/ml
Aromatic C21-C36	13.376	18.817	530349	3.573	800	ug/ml
Aromatic EPH	4.508	18.817	6185400	39.864		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	9035540	56.48		ug/ml
2-Bromonaphthalene (SURR)	7.994	7.994	7832214	56.17		ug/ml
2-Fluorobiphenyl (SURR)	8.867	8.867	5228162	55.44		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF15-01		SDG No.:	P4620	
Lab Sample ID:	P4620-20		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014645.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.5		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-20	Acq On:	04 Nov 2024 15:57
Client Sample ID:	P001-CF15-01	Operator:	YP\AJ
Data file:	FG014645.D	Misc:	
Instrument:	FID_G	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	40825	0.311	300	ug/ml
Aliphatic C12-C16	6.850	10.292	35549	0.262	200	ug/ml
Aliphatic C16-C21	10.293	13.665	87335	0.618	300	ug/ml
Aliphatic C21-C28	13.666	17.329	0	0	400	ug/ml
Aliphatic C28-C40	17.330	22.266	0	0	600	ug/ml
Aliphatic EPH	3.228	22.266	163709	1.191		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.397	13.397	5217176	42.49		ug/ml
Aliphatic C9-C28	3.228	17.329	163709	1.191	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF16-01	SDG No.:	P4620
Lab Sample ID:	P4620-22	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:45	11/04/24 22:42	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.04	mg/kg	FC067614.D
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	1	0.25	0.70	mg/kg	FC067614.D
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	1	0.31	1.04	mg/kg	FC067614.D
Aliphatic C21-C28	Aliphatic C21-C28	0.83	U	1	0.83	1.39	mg/kg	FC067614.D
Aliphatic C28-C40	Aliphatic C28-C40	1.88	U	1	1.88	2.09	mg/kg	FC067614.D
Aromatic C10-C12	Aromatic C10-C12	0.31	U	1	0.31	0.70	mg/kg	FD048651.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.04	mg/kg	FD048651.D
Aromatic C16-C21	Aromatic C16-C21	1.00	U	1	1.00	1.74	mg/kg	FD048651.D
Aromatic C21-C36	Aromatic C21-C36	2.09	U	1	2.09	2.78	mg/kg	FD048651.D
Total AliphaticEPH	Total AliphaticEPH	3.67	U		3.67	6.25	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.76	U		3.76	6.25	mg/kg	
Total EPH	Total EPH	7.43	U		7.43	12.5	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF16-01		SDG No.:	P4620	
Lab Sample ID:	P4620-22		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.8	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067614.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	0.40	1.04	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.25	U	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.31	U	0.31	1.04	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.83	U	0.83	1.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.88	U	1.88	2.09	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.1		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-22	Acq On:	04 Nov 2024 22:42
Client Sample ID:	P001-CF16-01	Operator:	YP/AJ
Data file:	FC067614.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	0	0	300	ug/ml
Aliphatic C12-C16	6.450	9.838	0	0	200	ug/ml
Aliphatic C16-C21	9.839	13.196	0	0	300	ug/ml
Aliphatic C21-C28	13.197	16.847	0	0	400	ug/ml
Aliphatic C28-C40	16.848	21.685	0	0	600	ug/ml
Aliphatic EPH	3.171	21.685	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	4651410	43.07		ug/ml
Aliphatic C9-C28	3.171	16.847	0	0	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF16-01		SDG No.:	P4620	
Lab Sample ID:	P4620-22		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.8	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048651.D	1	11/03/24	11/04/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.31	U	0.31	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.04	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.00	U	1.00	1.74	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.09	U	2.09	2.78	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	42.7		40 - 140	85%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.5		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.2		40 - 140	70%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-22	Acq On:	04 Nov 2024 22:42
Client Sample ID:	P001-CF16-01	Operator:	YP/AJ
Data file:	FD048651.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	3125302	19.996		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	6486550	42.74		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	4270030	43.49		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	5998394	35.21		ug/ml
Aromatic C10-C12	4.093	5.811	0	0	200	ug/ml
Aromatic C12-C16	5.812	8.416	0	0	300	ug/ml
Aromatic C16-C21	8.417	12.676	1054829	6.438	500	ug/ml
Aromatic C21-C36	12.677	18.080	2070473	13.558	800	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF16-01	SDG No.:	P4620
Lab Sample ID:	P4620-25	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :	SW3510		

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:20	11/04/24 16:25	PB164637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FG014646.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FG014646.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FG014646.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FG014646.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FG014646.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FF014916.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FF014916.D
Aromatic C16-C21	Aromatic C16-C21	43.7	J	1	12.7	50.0	ug/l	FF014916.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FF014916.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	44.9	U		44.9	180	ug/l	
Total EPH	Total EPH	85.4	U		85.4	360	ug/l	

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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF16-01		SDG No.:	P4620	
Lab Sample ID:	P4620-25		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014916.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	43.7	J	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.9		40 - 140	114%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.3		40 - 140	109%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	52.6		40 - 140	105%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-25	Acq On:	04 Nov 2024 16:25
Client Sample ID:	P001-CF16-01	Operator:	YP\AJ
Data file:	FF014916.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	145865	0.935	200	ug/ml
Aromatic C12-C16	6.373	9.064	172047	1.078	300	ug/ml
Aromatic C16-C21	9.065	13.375	3394255	21.844	500	ug/ml
Aromatic C21-C36	13.376	18.817	345899	2.33	800	ug/ml
Aromatic EPH	4.508	18.817	4058066	26.187		ug/ml
2-Bromonaphthalene (SURRE)	7.993	7.993	7937793	56.92		ug/ml
2-Fluorobiphenyl (SURRE)	8.867	8.867	5121870	54.31		ug/ml
ortho-Terphenyl (SURRE)	11.929	11.929	8409633	52.57		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF16-01		SDG No.:	P4620	
Lab Sample ID:	P4620-25		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014646.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	46.8		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-25	Acq On:	04 Nov 2024 16:25
Client Sample ID:	P001-CF16-01	Operator:	YP\AJ
Data file:	FG014646.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	70021	0.533	300	ug/ml
Aliphatic C12-C16	6.850	10.292	240003	1.767	200	ug/ml
Aliphatic C16-C21	10.293	13.665	42483	0.301	300	ug/ml
Aliphatic C21-C28	13.666	17.329	0	0	400	ug/ml
Aliphatic C28-C40	17.330	22.266	0	0	600	ug/ml
Aliphatic EPH	3.228	22.266	352507	2.601		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.398	13.398	5743014	46.77		ug/ml
Aliphatic C9-C28	3.228	17.329	352507	2.601	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/29/24
Project:	RFP 872	Date Received:	10/29/24
Client Sample ID:	P001-CF16-02	SDG No.:	P4620
Lab Sample ID:	P4620-29	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.2
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:45	11/05/24 10:18	PB164618

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.05	mg/kg	FC067628.D
Aliphatic C12-C16	Aliphatic C12-C16	0.47	J	1	0.25	0.70	mg/kg	FC067628.D
Aliphatic C16-C21	Aliphatic C16-C21	0.46	J	1	0.32	1.05	mg/kg	FC067628.D
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	1	0.84	1.40	mg/kg	FC067628.D
Aliphatic C28-C40	Aliphatic C28-C40	2.68		1	1.89	2.10	mg/kg	FC067628.D
Aromatic C10-C12	Aromatic C10-C12	0.32	U	1	0.32	0.70	mg/kg	FD048655.D
Aromatic C12-C16	Aromatic C12-C16	0.36	U	1	0.36	1.05	mg/kg	FD048655.D
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1	1.01	1.75	mg/kg	FD048655.D
Aromatic C21-C36	Aromatic C21-C36	2.10	U	1	2.10	2.80	mg/kg	FD048655.D
Total AliphaticEPH	Total AliphaticEPH	3.69	U		3.69	6.30	mg/kg	
Total AromaticEPH	Total AromaticEPH	3.78	U		3.78	6.30	mg/kg	
Total EPH	Total EPH	7.48	U		7.48	12.6	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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF16-02		SDG No.:	P4620	
Lab Sample ID:	P4620-29		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.2	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067628.D	1	11/03/24	11/05/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	0.40	1.05	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.47	J	0.25	0.70	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.46	J	0.32	1.05	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.84	U	0.84	1.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.68		1.89	2.10	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	26.4		40 - 140	53%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-29	Acq On:	05 Nov 2024 10:18
Client Sample ID:	P001-CF16-02	Operator:	YP/AJ
Data file:	FC067628.D	Misc:	
Instrument:	FID_C	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.449	432931	3.196	300	ug/ml
Aliphatic C12-C16	6.450	9.838	876738	6.658	200	ug/ml
Aliphatic C16-C21	9.839	13.196	834408	6.558	300	ug/ml
Aliphatic C21-C28	13.197	16.847	796258	6.63	400	ug/ml
Aliphatic C28-C40	16.848	21.685	3867879	38.261	600	ug/ml
Aliphatic EPH	3.171	21.685	6808214	61.303		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.928	12.928	2851347	26.4		ug/ml
Aliphatic C9-C28	3.171	16.847	2940335	23.042	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF16-02		SDG No.:	P4620	
Lab Sample ID:	P4620-29		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	95.2	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048655.D	1	11/03/24	11/05/24	PB164618

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.32	U	0.32	0.70	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.36	U	0.36	1.05	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.01	U	1.01	1.75	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.10	U	2.10	2.80	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.6		40 - 140	109%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	55.3		40 - 140	111%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.9		40 - 140	54%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-29	Acq On:	05 Nov 2024 01:09
Client Sample ID:	P001-CF16-02	Operator:	YP/AJ
Data file:	FD048655.D	Misc:	
Instrument:	FID_D	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic EPH	4.093	18.080	3422809	21.637		ug/ml
2-Bromonaphthalene (SURR)	7.371	7.371	8284533	54.58		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	5425733	55.26		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	4581204	26.89		ug/ml
Aromatic C10-C12	4.093	5.811	82132	0.466	200	ug/ml
Aromatic C12-C16	5.812	8.416	53481	0.302	300	ug/ml
Aromatic C16-C21	8.417	12.676	1475248	9.005	500	ug/ml
Aromatic C21-C36	12.677	18.080	1811948	11.865	800	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF16-02		SDG No.:	P4620	
Lab Sample ID:	P4620-30		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

Prep Date :	Date Analyzed :	Prep Batch ID
11/03/24 08:20	11/04/24 17:50	PB164637

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	1	5.76	30.0	ug/l	FG014649.D
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	1	3.61	20.0	ug/l	FG014649.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FG014649.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FG014649.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FG014649.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FF014919.D
Aromatic C12-C16	Aromatic C12-C16	3.69	U	1	3.69	30.0	ug/l	FF014919.D
Aromatic C16-C21	Aromatic C16-C21	44.9	J	1	12.7	50.0	ug/l	FF014919.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FF014919.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	44.9	U		44.9	180	ug/l	
Total EPH	Total EPH	85.4	U		85.4	360	ug/l	

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:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF16-02		SDG No.:	P4620	
Lab Sample ID:	P4620-30		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014919.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	44.9	J	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	58.4		40 - 140	117%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.9		40 - 140	110%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.6		40 - 140	103%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4620-30	Acq On:	04 Nov 2024 17:50
Client Sample ID:	P001-CF16-02	Operator:	YP\AJ
Data file:	FF014919.D	Misc:	
Instrument:	FID_F	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	450047	2.883	200	ug/ml
Aromatic C12-C16	6.373	9.064	321906	2.017	300	ug/ml
Aromatic C16-C21	9.065	13.375	3485121	22.429	500	ug/ml
Aromatic C21-C36	13.376	18.817	550115	3.706	800	ug/ml
Aromatic EPH	4.508	18.817	4807189	31.035		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	8249880	51.57		ug/ml
2-Bromonaphthalene (SURR)	7.994	7.994	8147040	58.42		ug/ml
2-Fluorobiphenyl (SURR)	8.867	8.867	5176436	54.89		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	10/29/24	
Project:	RFP 872		Date Received:	10/29/24	
Client Sample ID:	P001-CF16-02		SDG No.:	P4620	
Lab Sample ID:	P4620-30		Matrix:	Water	
Analytical Method:	NJEPH		% Solid:	0	
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014649.D	1	11/03/24	11/04/24	PB164637

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	58.3		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4620-30	Acq On:	04 Nov 2024 17:50
Client Sample ID:	P001-CF16-02	Operator:	YP\AJ
Data file:	FG014649.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	136331	1.038	300	ug/ml
Aliphatic C12-C16	6.850	10.292	322956	2.378	200	ug/ml
Aliphatic C16-C21	10.293	13.665	44553	0.315	300	ug/ml
Aliphatic C21-C28	13.666	17.329	0	0	400	ug/ml
Aliphatic C28-C40	17.330	22.266	248219	2.349	600	ug/ml
Aliphatic EPH	3.228	22.266	752059	6.08		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.398	13.398	7158664	58.3		ug/ml
Aliphatic C9-C28	3.228	17.329	503840	3.731	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	
Project:	RFP 872		Date Received:	
Client Sample ID:	PB164637TB		SDG No.:	P4620
Lab Sample ID:	PB164637TB		Matrix:	water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH
Prep Method :	SW3510			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014652.D	1		11/04/24	FG110424AL

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.76	U	5.76	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	3.61	U	3.61	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	5.14	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	8.97	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	17.0	60.0	ug/l
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:	PB164637TB	Acq On:	04 Nov 2024 19:14
Client Sample ID:	PB164637TB	Operator:	YP\AJ
Data file:	FG014652.D	Misc:	
Instrument:	FID_G	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.228	6.849	0	0	300	ug/ml
Aliphatic C12-C16	6.850	10.292	0	0	200	ug/ml
Aliphatic C16-C21	10.293	13.665	0	0	300	ug/ml
Aliphatic C21-C28	13.666	17.329	0	0	400	ug/ml
Aliphatic C28-C40	17.330	22.266	0	0	600	ug/ml
Aliphatic EPH	3.228	22.266	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.397	13.397	5348144	43.55		ug/ml
Aliphatic C9-C28	3.228	17.329	0	0	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	
Project:	RFP 872		Date Received:	
Client Sample ID:	PB164637TB		SDG No.:	P4620
Lab Sample ID:	PB164637TB		Matrix:	water
Analytical Method:	NJEPH		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:		uL	Test:	EPH
Prep Method :	SW3510			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014922.D	1		11/04/24	FF110424AR

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.32	U	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	3.69	U	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	12.7	U	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	25.2	U	25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.6		40 - 140	95%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.5		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.6		40 - 140	79%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB164637TB	Acq On:	04 Nov 2024 19:14
Client Sample ID:	PB164637TB	Operator:	YP\AJ
Data file:	FF014922.D	Misc:	
Instrument:	FID_F	ALS Vial:	77
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	0	0	200	ug/ml
Aromatic C12-C16	6.373	9.064	0	0	300	ug/ml
Aromatic C16-C21	9.065	13.375	0	0	500	ug/ml
Aromatic C21-C36	13.376	18.817	0	0	800	ug/ml
Aromatic EPH	4.508	18.817	0	0		ug/ml
ortho-Terphenyl (SURR)	11.928	11.928	6328133	39.56		ug/ml
2-Bromonaphthalene (SURR)	7.992	7.992	6633697	47.57		ug/ml
2-Fluorobiphenyl (SURR)	8.866	8.866	4480485	47.51		ug/ml

LAB CHRONICLE

OrderID:	P4620	OrderDate:	10/29/2024 3:36:00 PM
Client:	Weston Solutions, Inc.	Project:	RFP 872
Contact:	Smita Sumbaly	Location:	K41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4620-01	P001-CF06-01	Solid	EPH	NJEPH	10/29/24	11/03/24	11/04/24	10/29/24
P4620-02	P001-CF06-01	Water	EPH SPLP PCB	NJEPH 8082A	10/29/24	11/03/24 10/31/24	11/04/24 10/31/24	10/29/24
P4620-03	P001-CF07-01	Solid	EPH	NJEPH	10/29/24	11/03/24	11/04/24	10/29/24
P4620-04	P001-CF07-01	Water	EPH SPLP PCB	NJEPH 8082A	10/29/24	11/03/24 10/31/24	11/04/24 10/31/24	10/29/24
P4620-05	P001-CF08-01	Solid	EPH	NJEPH	10/29/24	11/03/24	11/04/24	10/29/24
P4620-06	P001-CF08-01	Water	EPH SPLP PCB	NJEPH 8082A	10/29/24	11/03/24 10/31/24	11/04/24 10/31/24	10/29/24
P4620-07	P001-CF09-01	Solid	EPH	NJEPH	10/29/24	11/03/24	11/04/24	10/29/24
P4620-08	P001-CF09-01	Water	EPH SPLP PCB	NJEPH 8082A	10/29/24	11/03/24 10/31/24	11/04/24 10/31/24	10/29/24
P4620-09	P001-CF10-01	Solid	EPH	NJEPH	10/29/24	11/03/24	11/04/24	10/29/24
P4620-10	P001-CF10-01	Water	EPH	NJEPH	10/29/24	11/03/24	11/04/24	10/29/24

LAB CHRONICLE

			SPLP PCB	8082A		10/31/24	10/31/24	
P4620-11	P001-CF11-01	Solid			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
P4620-12	P001-CF11-01	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			SPLP PCB	8082A		10/31/24	10/31/24	
P4620-13	P001-CF12-01	Solid			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			EPH	NJEPH		11/03/24	11/05/24	
P4620-14	P001-CF12-01	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			SPLP PCB	8082A		10/31/24	10/31/24	
P4620-15	P001-CF13-01	Solid			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
P4620-16	P001-CF13-01	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			SPLP PCB	8082A		10/31/24	10/31/24	
P4620-17	P001-CF14-01	Solid			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
P4620-18	P001-CF14-01	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			SPLP PCB	8082A		10/31/24	10/31/24	
P4620-19	P001-CF15-01	Solid			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
P4620-20	P001-CF15-01	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			SPLP PCB	8082A		10/31/24	10/31/24	
P4620-22	P001-CF16-01	Solid			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
P4620-25	P001-CF16-01	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	

LAB CHRONICLE

			SPLP PCB	8082A		10/31/24	10/31/24	
P4620-29	P001-CF16-02	Solid			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/05/24	
P4620-30	P001-CF16-02	Water			10/29/24			10/29/24
			EPH	NJEPH		11/03/24	11/04/24	
			SPLP PCB	8082A		10/31/24	10/31/24	



SHIPPING DOCUMENTS

P4620

7
7.1

USEPA

DateShipped: 10/29/2024

CarrierName: Hand Deliver

AirbillNo: N/a

CHAIN OF CUSTODY RECORD

Site #: 872/872A

Contact Name Sean Quinn

Contact Phone 732-425-1175

No: 2-1029-0300-0041-01

RFP# NA

Lab: Alliance Technical Group, LLC - Non
CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-CF06-01	CF06	SPLP PCBs	Soil	10/29/2024	10:05	2	8 oz glass	4 C	N
	P001-CF06-01	CF06	EPH	Soil	10/29/2024	10:05	1	4 oz glass	4 C	N
	P001-CF06-01	CF06	SPLP EPH	Soil	10/29/2024	10:05	2	8 oz glass	4 C	N
	P001-CF07-01	CF07	SPLP PCBs	Soil	10/29/2024	10:10	2	8 oz glass	4 C	N
	P001-CF07-01	CF07	EPH	Soil	10/29/2024	10:10	1	4 oz glass	4 C	N
	P001-CF07-01	CF07	SPLP EPH	Soil	10/29/2024	10:10	2	8 oz glass	4 C	N
	P001-CF08-01	CF08	SPLP PCBs	Soil	10/29/2024	10:15	2	8 oz glass	4 C	N
	P001-CF08-01	CF08	EPH	Soil	10/29/2024	10:15	1	4 oz glass	4 C	N
	P001-CF08-01	CF08	SPLP EPH	Soil	10/29/2024	10:15	2	8 oz glass	4 C	N
	P001-CF09-01	CF09	SPLP PCBs	Soil	10/29/2024	10:20	2	8 oz glass	4 C	N
	P001-CF09-01	CF09	EPH	Soil	10/29/2024	10:20	1	4 oz glass	4 C	N
	P001-CF09-01	CF09	SPLP EPH	Soil	10/29/2024	10:20	2	8 oz glass	4 C	N
	P001-CF10-01	CF10	SPLP PCBs	Soil	10/29/2024	10:30	2	8 oz glass	4 C	N
	P001-CF10-01	CF10	EPH	Soil	10/29/2024	10:30	1	4 oz glass	4 C	N
	P001-CF10-01	CF10	SPLP EPH	Soil	10/29/2024	10:30	2	8 oz glass	4 C	N
	P001-CF11-01	CF11	SPLP PCBs	Soil	10/29/2024	10:40	2	8 oz glass	4 C	N
	P001-CF11-01	CF11	EPH	Soil	10/29/2024	10:40	1	4 oz glass	4 C	N
	P001-CF11-01	CF11	SPLP EPH	Soil	10/29/2024	10:40	2	8 oz glass	4 C	N

Special Instructions: Please email results to S.Sumbaly@WestonSolutions.com and Sean.Quinn@WestonSolutions.com. TAT 7 days.

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 ANALYSIS	WESTON SOLUTIONS 	10/29/24 1446		1500 10-29-24	IR Gun # 1 Temp 3.1°C Custody Seal intact Temp blank present

USEPA

DateShipped: 10/29/2024

CarrierName: Hand Deliver

AirbillNo: N/a

CHAIN OF CUSTODY RECORD

Site #: 872/872A

Contact Name Sean Quinn

Contact Phone 732-425-1175

No: 2-1029-0300-0041-01

RFP# NA

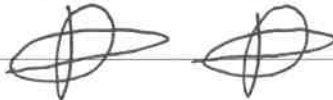
Lab: Alliance Technical Group, LLC - Non
CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-CF12-01	CF12	SPLP PCBs	Soil	10/29/2024	10:45	2	8 oz glass	4 C	N
	P001-CF12-01	CF12	EPH	Soil	10/29/2024	10:45	1	4 oz glass	4 C	N
	P001-CF12-01	CF12	SPLP EPH	Soil	10/29/2024	10:45	2	8 oz glass	4 C	N
	P001-CF13-01	CF13	SPLP PCBs	Soil	10/29/2024	10:50	2	8 oz glass	4 C	N
	P001-CF13-01	CF13	EPH	Soil	10/29/2024	10:50	1	4 oz glass	4 C	N
	P001-CF13-01	CF13	SPLP EPH	Soil	10/29/2024	10:50	2	8 oz glass	4 C	N
	P001-CF14-01	CF14	SPLP PCBs	Soil	10/29/2024	10:55	2	8 oz glass	4 C	N
	P001-CF14-01	CF14	EPH	Soil	10/29/2024	10:55	1	4 oz glass	4 C	N
	P001-CF14-01	CF14	SPLP EPH	Soil	10/29/2024	10:55	2	8 oz glass	4 C	N
	P001-CF15-01	CF15	SPLP PCBs	Soil	10/29/2024	11:00	2	8 oz glass	4 C	N
	P001-CF15-01	CF15	EPH	Soil	10/29/2024	11:00	1	4 oz glass	4 C	N
	P001-CF15-01	CF15	SPLP EPH	Soil	10/29/2024	11:00	2	8 oz glass	4 C	N
	P001-CF16-01	CF16	SPLP PCBs	Soil	10/29/2024	11:05	4	8 oz glass	4 C	Y
	P001-CF16-01	CF16	EPH	Soil	10/29/2024	11:05	2	4 oz glass	4 C	Y
	P001-CF16-01	CF16	SPLP EPH	Soil	10/29/2024	11:05	4	8 oz glass	4 C	Y
	P001-CF16-02	CF16	SPLP PCBs	Soil	10/29/2024	11:10	2	8 oz glass	4 C	N
	P001-CF16-02	CF16	EPH	Soil	10/29/2024	11:10	1	4 oz glass	4 C	N
	P001-CF16-02	CF16	SPLP EPH	Soil	10/29/2024	11:10	2	8 oz glass	4 C	N

Special Instructions: Please email results to S.Sumbaly@WestonSolutions.com and Sean.Quinn@WestonSolutions.com. TAT 7 days.

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 ANALYSIS	WESTON SOLUTIONS <i>Amir M. P.</i>	10/29/24 1440		10-29-24 1500	IR Gun #1 Temp 3.1 C Cu Study Seal intact Temp blank present

p4620

Laboratory Certification

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