



A

B

C

SAMPLE DATA

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.3
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
02/27/25 13:10	02/28/25 17:44	PB166923

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.54	U	1	0.54	1.42	mg/kg	FC068332.D
Aliphatic C12-C16	Aliphatic C12-C16	0.50	J	1	0.34	0.95	mg/kg	FC068332.D
Aliphatic C16-C21	Aliphatic C16-C21	0.43	J	1	0.43	1.42	mg/kg	FC068332.D
Aliphatic C21-C28	Aliphatic C21-C28	1.14	U	1	1.14	1.89	mg/kg	FC068332.D
Aliphatic C28-C40	Aliphatic C28-C40	2.80	J	1	2.56	2.84	mg/kg	FC068332.D
Aromatic C10-C12	Aromatic C10-C12	0.47	J	1	0.43	0.95	mg/kg	FD049140.D
Aromatic C12-C16	Aromatic C12-C16	0.65	J	1	0.48	1.42	mg/kg	FD049140.D
Aromatic C16-C21	Aromatic C16-C21	2.61		1	1.36	2.37	mg/kg	FD049140.D
Aromatic C21-C36	Aromatic C21-C36	2.84	U	1	2.84	3.79	mg/kg	FD049140.D
Total AliphaticEPH	Total AliphaticEPH	5.01	U		5.01	8.52	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.11	U		5.11	8.53	mg/kg	
Total EPH	Total EPH	10.1	U		10.1	17.0	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:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.3
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
FC068332.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.54	U	0.54	1.42	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.50	J	0.34	0.95	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.43	J	0.43	1.42	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.14	U	1.14	1.89	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.80	J	2.56	2.84	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	52.6		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1421-01	Acq On:	28 Feb 2025 17:44
Client Sample ID:	P001-CLAY-CF01-01	Operator:	YP/AJ
Data file:	FC068332.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.104	6.369	427569	3.032	300	ug/ml
Aliphatic C12-C16	6.370	9.754	720630	5.273	200	ug/ml
Aliphatic C16-C21	9.755	13.107	594221	4.514	300	ug/ml
Aliphatic C21-C28	13.108	16.761	597602	4.871	400	ug/ml
Aliphatic C28-C40	16.762	21.565	3044821	29.606	600	ug/ml
Aliphatic EPH	3.104	21.565	5384843	47.296		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.840	12.840	5911856	52.56		ug/ml
Aliphatic C9-C28	3.104	16.761	2340022	17.69	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	70.3
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
FD049140.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.47	J	0.43	0.95	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.65	J	0.48	1.42	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.61		1.36	2.37	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.84	U	2.84	3.79	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	66.0		40 - 140	132%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	69.5		40 - 140	139%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	40.6		40 - 140	81%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-01	Acq On:	28 Feb 2025 17:44
Client Sample ID:	P001-CLAY-CF01-01	Operator:	YP/AJ
Data file:	FD049140.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	784409	4.933	200	ug/ml
Aromatic C12-C16	5.795	8.396	1103291	6.855	300	ug/ml
Aromatic C16-C21	8.397	12.661	4230619	27.586	500	ug/ml
Aromatic C21-C36	12.662	18.073	4243205	29.649	800	ug/ml
Aromatic EPH	4.076	18.073	10361524	69.024		ug/ml
2-Bromonaphthalene (SURR)	7.352	7.352	9440086	65.96		ug/ml
2-Fluorobiphenyl (SURR)	8.201	8.201	6112214	69.53		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	6566627	40.59		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-04	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
02/26/25 11:45	02/27/25 12:14	PB166883

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	FC068309.D
Aliphatic C12-C16	Aliphatic C12-C16	8.76	J	1	3.61	20.0	ug/l	FC068309.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FC068309.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FC068309.D
Aliphatic C28-C40	Aliphatic C28-C40	60.6		1	17.0	60.0	ug/l	FC068309.D
Aromatic C10-C12	Aromatic C10-C12	3.32	U	1	3.32	20.0	ug/l	FD049118.D
Aromatic C12-C16	Aromatic C12-C16	12.2	J	1	3.69	30.0	ug/l	FD049118.D
Aromatic C16-C21	Aromatic C16-C21	43.0	J	1	12.7	50.0	ug/l	FD049118.D
Aromatic C21-C36	Aromatic C21-C36	25.2	U	1	25.2	80.0	ug/l	FD049118.D
Total AliphaticEPH	Total AliphaticEPH	69.4	J		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	55.2	J		44.9	180	ug/l	
Total EPH	Total EPH	125	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:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-04	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
FC068309.D	1	02/26/25	02/27/25	PB166883

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	8.76	J	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	60.6		17.0	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.7		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1421-04	Acq On:	27 Feb 2025 12:14
Client Sample ID:	P001-CLAY-CF01-01	Operator:	YP/AJ
Data file:	FC068309.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	3.104	6.370	382899	2.715	300	ug/ml
Aliphatic C12-C16	6.371	9.754	598377	4.379	200	ug/ml
Aliphatic C16-C21	9.755	13.108	523617	3.978	300	ug/ml
Aliphatic C21-C28	13.109	16.762	500495	4.079	400	ug/ml
Aliphatic C28-C40	16.763	21.566	3118558	30.322	600	ug/ml
Aliphatic EPH	3.104	21.566	5123946	45.473		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.840	12.840	3785768	33.66		ug/ml
Aliphatic C9-C28	3.104	16.762	2005388	15.151	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-04	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
FD049118.D	1	02/26/25	02/27/25	PB166883

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	12.2	J	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	43.0	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)	60.2		40 - 140	120%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	61.8		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	54.1		40 - 140	108%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-04	Acq On:	27 Feb 2025 12:14
Client Sample ID:	P001-CLAY-CF01-01	Operator:	YP/AJ
Data file:	FD049118.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	698221	4.391	200	ug/ml
Aromatic C12-C16	5.795	8.397	978814	6.082	300	ug/ml
Aromatic C16-C21	8.398	12.661	3299543	21.515	500	ug/ml
Aromatic C21-C36	12.662	18.071	3819898	26.691	800	ug/ml
Aromatic EPH	4.076	18.071	8796476	58.679		ug/ml
2-Bromonaphthalene (SURRE)	7.353	7.353	8613080	60.19		ug/ml
2-Fluorobiphenyl (SURRE)	8.203	8.203	5429412	61.76		ug/ml
ortho-Terphenyl (SURRE)	11.237	11.237	8755655	54.12		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-02	SDG No.:	Q1421
Lab Sample ID:	Q1421-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.2
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
02/27/25 13:10	02/28/25 15:16	PB166923

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.50	U	1	0.50	1.33	mg/kg	FC068329.D
Aliphatic C12-C16	Aliphatic C12-C16	0.72	J	1	0.32	0.89	mg/kg	FC068329.D
Aliphatic C16-C21	Aliphatic C16-C21	0.60	J	1	0.40	1.33	mg/kg	FC068329.D
Aliphatic C21-C28	Aliphatic C21-C28	1.06	U	1	1.06	1.77	mg/kg	FC068329.D
Aliphatic C28-C40	Aliphatic C28-C40	2.54	J	1	2.39	2.65	mg/kg	FC068329.D
Aromatic C10-C12	Aromatic C10-C12	0.43	J	1	0.40	0.89	mg/kg	FD049137.D
Aromatic C12-C16	Aromatic C12-C16	0.63	J	1	0.45	1.33	mg/kg	FD049137.D
Aromatic C16-C21	Aromatic C16-C21	2.48		1	1.27	2.21	mg/kg	FD049137.D
Aromatic C21-C36	Aromatic C21-C36	3.08	J	1	2.65	3.54	mg/kg	FD049137.D
Total AliphaticEPH	Total AliphaticEPH	4.67	U		4.67	7.96	mg/kg	
Total AromaticEPH	Total AromaticEPH	6.62	J		4.77	7.96	mg/kg	
Total EPH	Total EPH	10.5	J		9.44	15.9	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:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-02	SDG No.:	Q1421
Lab Sample ID:	Q1421-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.2
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
FC068329.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.50	U	0.50	1.33	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.72	J	0.32	0.89	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.60	J	0.40	1.33	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.06	U	1.06	1.77	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.54	J	2.39	2.65	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.7		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1421-07	Acq On:	28 Feb 2025 15:16
Client Sample ID:	P001-CLAY-CF01-02	Operator:	YP/AJ
Data file:	FC068329.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.104	6.369	635441	4.506	300	ug/ml
Aliphatic C12-C16	6.370	9.754	1118333	8.184	200	ug/ml
Aliphatic C16-C21	9.755	13.107	889893	6.761	300	ug/ml
Aliphatic C21-C28	13.108	16.761	838873	6.837	400	ug/ml
Aliphatic C28-C40	16.762	21.565	2958175	28.763	600	ug/ml
Aliphatic EPH	3.104	21.565	6440715	55.05		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.840	12.840	5479293	48.72		ug/ml
Aliphatic C9-C28	3.104	16.761	3482540	26.288	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-02	SDG No.:	Q1421
Lab Sample ID:	Q1421-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	75.2
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
FD049137.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.43	J	0.40	0.89	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.63	J	0.45	1.33	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.48		1.27	2.21	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.08	J	2.65	3.54	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	64.4		40 - 140	129%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	66.4		40 - 140	133%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.4		40 - 140	103%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-07	Acq On:	28 Feb 2025 15:16
Client Sample ID:	P001-CLAY-CF01-02	Operator:	YP/AJ
Data file:	FD049137.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	778390	4.895	200	ug/ml
Aromatic C12-C16	5.795	8.396	1143053	7.103	300	ug/ml
Aromatic C16-C21	8.397	12.661	4292784	27.992	500	ug/ml
Aromatic C21-C36	12.662	18.073	4978028	34.783	800	ug/ml
Aromatic EPH	4.076	18.073	11192255	74.773		ug/ml
ortho-Terphenyl (SURR)	11.237	11.237	8318590	51.42		ug/ml
2-Bromonaphthalene (SURR)	7.351	7.351	9217255	64.41		ug/ml
2-Flurobiphenyl (SURR)	8.201	8.201	5835480	66.38		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-02	SDG No.:	Q1421
Lab Sample ID:	Q1421-08	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
02/26/25 11:45	02/27/25 15:17	PB166883

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	FC068314.D
Aliphatic C12-C16	Aliphatic C12-C16	7.61	J	1	3.61	20.0	ug/l	FC068314.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FC068314.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FC068314.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FC068314.D
Aromatic C10-C12	Aromatic C10-C12	10.5	J	1	3.32	20.0	ug/l	FD049123.D
Aromatic C12-C16	Aromatic C12-C16	14.4	J	1	3.69	30.0	ug/l	FD049123.D
Aromatic C16-C21	Aromatic C16-C21	48.3	J	1	12.7	50.0	ug/l	FD049123.D
Aromatic C21-C36	Aromatic C21-C36	92.7		1	25.2	80.0	ug/l	FD049123.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	166	J		44.9	180	ug/l	
Total EPH	Total EPH	174	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:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-02	SDG No.:	Q1421
Lab Sample ID:	Q1421-08	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
FC068314.D	1	02/26/25	02/27/25	PB166883

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	7.61	J	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)	32.8		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:	Q1421-08	Acq On:	27 Feb 2025 15:17
Client Sample ID:	P001-CLAY-CF01-02	Operator:	YP/AJ
Data file:	FC068314.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.104	6.370	320371	2.272	300	ug/ml
Aliphatic C12-C16	6.371	9.754	520165	3.806	200	ug/ml
Aliphatic C16-C21	9.755	13.108	457228	3.474	300	ug/ml
Aliphatic C21-C28	13.109	16.762	555317	4.526	400	ug/ml
Aliphatic C28-C40	16.763	21.566	2645290	25.721	600	ug/ml
Aliphatic EPH	3.104	21.566	4498371	39.798		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.840	12.840	3691135	32.82		ug/ml
Aliphatic C9-C28	3.104	16.762	1853081	14.078	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	02/24/25	
Project:	RFP 905		Date Received:	02/24/25	
Client Sample ID:	P001-CLAY-CF01-02		SDG No.:	Q1421	
Lab Sample ID:	Q1421-08		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
FD049123.D	1	02/26/25	02/27/25	PB166883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	10.5	J	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	14.4	J	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	48.3	J	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	92.7		25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.9		40 - 140	108%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	56.1		40 - 140	112%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	48.3		40 - 140	97%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-08	Acq On:	27 Feb 2025 15:17
Client Sample ID:	P001-CLAY-CF01-02	Operator:	YP/AJ
Data file:	FD049123.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	836382	5.26	200	ug/ml
Aromatic C12-C16	5.795	8.397	1159488	7.205	300	ug/ml
Aromatic C16-C21	8.398	12.661	3699941	24.126	500	ug/ml
Aromatic C21-C36	12.662	18.071	6631344	46.336	800	ug/ml
Aromatic EPH	4.076	18.071	12327155	82.926		ug/ml
2-Bromonaphthalene (SURRE)	7.352	7.352	7707992	53.86		ug/ml
2-Fluorobiphenyl (SURRE)	8.202	8.202	4931798	56.1		ug/ml
ortho-Terphenyl (SURRE)	11.237	11.237	7809827	48.28		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.4
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
02/27/25 13:10	02/28/25 20:09	PB166923

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.48	U	1	0.48	1.27	mg/kg	FC068336.D
Aliphatic C12-C16	Aliphatic C12-C16	0.55	J	1	0.31	0.85	mg/kg	FC068336.D
Aliphatic C16-C21	Aliphatic C16-C21	0.49	J	1	0.38	1.27	mg/kg	FC068336.D
Aliphatic C21-C28	Aliphatic C21-C28	1.02	U	1	1.02	1.70	mg/kg	FC068336.D
Aliphatic C28-C40	Aliphatic C28-C40	2.37	J	1	2.29	2.55	mg/kg	FC068336.D
Aromatic C10-C12	Aromatic C10-C12	0.38	U	1	0.38	0.85	mg/kg	FD049144.D
Aromatic C12-C16	Aromatic C12-C16	0.45	J	1	0.43	1.27	mg/kg	FD049144.D
Aromatic C16-C21	Aromatic C16-C21	1.67	J	1	1.22	2.12	mg/kg	FD049144.D
Aromatic C21-C36	Aromatic C21-C36	2.55	U	1	2.55	3.40	mg/kg	FD049144.D
Total AliphaticEPH	Total AliphaticEPH	4.48	U		4.48	7.64	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.59	U		4.59	7.64	mg/kg	
Total EPH	Total EPH	9.07	U		9.07	15.3	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:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.4
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
FC068336.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.48	U	0.48	1.27	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.55	J	0.31	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.49	J	0.38	1.27	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.02	U	1.02	1.70	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.37	J	2.29	2.55	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.5		40 - 140	61%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1421-09	Acq On:	28 Feb 2025 20:09
Client Sample ID:	P001-CLAY-CF02-01	Operator:	YP/AJ
Data file:	FC068336.D	Misc:	
Instrument:	FID_C	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.104	6.369	543312	3.852	300	ug/ml
Aliphatic C12-C16	6.370	9.754	876350	6.413	200	ug/ml
Aliphatic C16-C21	9.755	13.107	762371	5.792	300	ug/ml
Aliphatic C21-C28	13.108	16.761	744063	6.065	400	ug/ml
Aliphatic C28-C40	16.762	21.565	2863890	27.846	600	ug/ml
Aliphatic EPH	3.104	21.565	5789986	49.968		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.838	12.838	3429125	30.49		ug/ml
Aliphatic C9-C28	3.104	16.761	2926096	22.122	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.4
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
FD049144.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.38	U	0.38	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.45	J	0.43	1.27	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.67	J	1.22	2.12	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.55	U	2.55	3.40	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	49.8		40 - 140	100%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	52.4		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.2		40 - 140	48%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-09	Acq On:	28 Feb 2025 20:09
Client Sample ID:	P001-CLAY-CF02-01	Operator:	YP/AJ
Data file:	FD049144.D	Misc:	
Instrument:	FID_D	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	505124	3.176	200	ug/ml
Aromatic C12-C16	5.795	8.396	851814	5.293	300	ug/ml
Aromatic C16-C21	8.397	12.661	3018801	19.684	500	ug/ml
Aromatic C21-C36	12.662	18.073	3101568	21.672	800	ug/ml
Aromatic EPH	4.076	18.073	7477307	49.826		ug/ml
2-Bromonaphthalene (SURRE)	7.351	7.351	7126244	49.8		ug/ml
2-Fluorobiphenyl (SURRE)	8.201	8.201	4606351	52.4		ug/ml
ortho-Terphenyl (SURRE)	11.233	11.233	3917944	24.22		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-10	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
02/26/25 11:45	02/27/25 15:53	PB166883

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	FC068315.D
Aliphatic C12-C16	Aliphatic C12-C16	7.29	J	1	3.61	20.0	ug/l	FC068315.D
Aliphatic C16-C21	Aliphatic C16-C21	5.14	U	1	5.14	30.0	ug/l	FC068315.D
Aliphatic C21-C28	Aliphatic C21-C28	8.97	U	1	8.97	40.0	ug/l	FC068315.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0	U	1	17.0	60.0	ug/l	FC068315.D
Aromatic C10-C12	Aromatic C10-C12	9.81	J	1	3.32	20.0	ug/l	FD049124.D
Aromatic C12-C16	Aromatic C12-C16	14.1	J	1	3.69	30.0	ug/l	FD049124.D
Aromatic C16-C21	Aromatic C16-C21	41.8	J	1	12.7	50.0	ug/l	FD049124.D
Aromatic C21-C36	Aromatic C21-C36	87.2		1	25.2	80.0	ug/l	FD049124.D
Total AliphaticEPH	Total AliphaticEPH	40.5	U		40.5	180	ug/l	
Total AromaticEPH	Total AromaticEPH	153	J		44.9	180	ug/l	
Total EPH	Total EPH	160	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:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-10	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
FC068315.D	1	02/26/25	02/27/25	PB166883

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	7.29	J	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)	30.9		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:	Q1421-10	Acq On:	27 Feb 2025 15:53
Client Sample ID:	P001-CLAY-CF02-01	Operator:	YP/AJ
Data file:	FC068315.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.104	6.370	339595	2.408	300	ug/ml
Aliphatic C12-C16	6.371	9.754	498397	3.647	200	ug/ml
Aliphatic C16-C21	9.755	13.108	439396	3.338	300	ug/ml
Aliphatic C21-C28	13.109	16.762	592177	4.827	400	ug/ml
Aliphatic C28-C40	16.763	21.566	2560351	24.895	600	ug/ml
Aliphatic EPH	3.104	21.566	4429916	39.115		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.840	12.840	3469736	30.85		ug/ml
Aliphatic C9-C28	3.104	16.762	1869565	14.22	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-10	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
FD049124.D	1	02/26/25	02/27/25	PB166883

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	9.81	J	3.32	20.0	ug/l
Aromatic C12-C16	Aromatic C12-C16	14.1	J	3.69	30.0	ug/l
Aromatic C16-C21	Aromatic C16-C21	41.8	J	12.7	50.0	ug/l
Aromatic C21-C36	Aromatic C21-C36	87.2		25.2	80.0	ug/l
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.0		40 - 140	106%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.2		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.0		40 - 140	92%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1421-10	Acq On:	27 Feb 2025 15:53
Client Sample ID:	P001-CLAY-CF02-01	Operator:	YP/AJ
Data file:	FD049124.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	779914	4.904	200	ug/ml
Aromatic C12-C16	5.795	8.397	1134516	7.049	300	ug/ml
Aromatic C16-C21	8.398	12.661	3206255	20.907	500	ug/ml
Aromatic C21-C36	12.662	18.071	6242405	43.618	800	ug/ml
Aromatic EPH	4.076	18.071	11363090	76.479		ug/ml
2-Bromonaphthalene (SURRE)	7.352	7.352	7587165	53.02		ug/ml
2-Fluorobiphenyl (SURRE)	8.202	8.202	4761886	54.17		ug/ml
ortho-Terphenyl (SURRE)	11.236	11.236	7448477	46.04		ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	
Project:	RFP 905		Date Received:	
Client Sample ID:	PB166883TB		SDG No.:	Q1421
Lab Sample ID:	PB166883TB		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
FC068308.D	1		02/27/25	FC022725AL

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)	32.4		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166883TB	Acq On:	27 Feb 2025 11:38
Client Sample ID:	PB166883TB	Operator:	YP/AJ
Data file:	FC068308.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	3.104	6.370	0	0	300	ug/ml
Aliphatic C12-C16	6.371	9.754	0	0	200	ug/ml
Aliphatic C16-C21	9.755	13.108	0	0	300	ug/ml
Aliphatic C21-C28	13.109	16.762	0	0	400	ug/ml
Aliphatic C28-C40	16.763	21.566	0	0	600	ug/ml
Aliphatic EPH	3.104	21.566	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.841	12.841	3638278	32.35		ug/ml
Aliphatic C9-C28	3.104	16.762	0	0	1200	ug/ml

Report of Analysis

Client:	Weston Solutions, Inc.		Date Collected:	
Project:	RFP 905		Date Received:	
Client Sample ID:	PB166883TB		SDG No.:	Q1421
Lab Sample ID:	PB166883TB		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
FD049117.D	1		02/27/25	FD022725AR

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)	63.4		40 - 140	127%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	63.2		40 - 140	126%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	56.0		40 - 140	112%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB166883TB	Acq On:	27 Feb 2025 11:38
Client Sample ID:	PB166883TB	Operator:	YP/AJ
Data file:	FD049117.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	0	0	200	ug/ml
Aromatic C12-C16	5.795	8.397	0	0	300	ug/ml
Aromatic C16-C21	8.398	12.661	0	0	500	ug/ml
Aromatic C21-C36	12.662	18.071	0	0	800	ug/ml
Aromatic EPH	4.076	18.071	0	0		ug/ml
2-Bromonaphthalene (SURR)	7.353	7.353	9069576	63.38		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	5555151	63.19		ug/ml
ortho-Terphenyl (SURR)	11.237	11.237	9067534	56.05		ug/ml

LAB CHRONICLE

OrderID:	Q1421	OrderDate:	2/24/2025 2:56:42 PM
Client:	Weston Solutions, Inc.	Project:	RFP 905
Contact:	Smita Sumbaly	Location:	H31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1421-01	P001-CLAY-CF01-01	SOIL			02/24/25			02/24/25
			PCB	8082A		02/25/25	02/25/25	
			Pesticide-TCL	8081B		02/25/25	02/25/25	
			EPH	NJEPH		02/27/25	02/28/25	
Q1421-04	P001-CLAY-CF01-01	WATER			02/24/25			02/24/25
			SPLP PCB	8082A		02/27/25	02/27/25	
			SPLP Pesticide	8081B		02/27/25	02/27/25	
			EPH	NJEPH		02/26/25	02/27/25	
Q1421-07	P001-CLAY-CF01-02	SOIL			02/24/25			02/24/25
			PCB	8082A		02/25/25	02/25/25	
			Pesticide-TCL	8081B		02/25/25	02/25/25	
			EPH	NJEPH		02/27/25	02/28/25	
Q1421-08	P001-CLAY-CF01-02	WATER			02/24/25			02/24/25
			SPLP PCB	8082A		02/27/25	02/27/25	
			SPLP Pesticide	8081B		02/27/25	02/27/25	
			EPH	NJEPH		02/26/25	02/27/25	
Q1421-08RE	P001-CLAY-CF01-02R E	WATER			02/24/25			02/24/25
			SPLP Pesticide	8081B		02/27/25	02/28/25	
Q1421-09	P001-CLAY-CF02-01	SOIL			02/24/25			02/24/25
			PCB	8082A		02/25/25	02/25/25	
			Pesticide-TCL	8081B		02/25/25	02/25/25	
			EPH	NJEPH		02/27/25	02/28/25	

LAB CHRONICLE

Q1421-10	P001-CLAY-CF02-01	Water			02/24/25		02/24/25
			EPH	NJEPH		02/26/25	02/27/25
			SPLP PCB	8082A		02/27/25	02/27/25
			SPLP Pesticide	8081B		02/27/25	02/27/25