

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	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS								
Total AliphaticEPH	Total AliphaticEPH	4.67	U		4.67	3.98	7.96	mg/kg
Total AromaticEPH	Total AromaticEPH	6.62	J		4.77	3.98	7.96	mg/kg
Total EPH	Total EPH	10.5	J		9.44	7.96	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 :					

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	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS								
Total AliphaticEPH	Total AliphaticEPH	4.67	U		4.67	3.98	7.96	mg/kg
Total AromaticEPH	Total AromaticEPH	6.62	J		4.77	3.98	7.96	mg/kg
Total EPH	Total EPH	10.5	J		9.44	7.96	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 :			

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								
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 :			

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								
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 :			

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								
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	LOD	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	0.40	J	0.19	0.66	1.33	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.72	J	0.15	0.44	0.89	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.60	J	0.17	1.06	1.33	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.70	U	0.70	1.42	1.77	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.54	J	1.57	2.12	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