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

Hit Summary Sheet
SW-846

SDG No.: Q1421

Client: Weston Solutions, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**P001-CLAY-CF01-01**							
Q1421-01	P001-CLAY-CF01-(	SOIL	Acetone	54.6		7.70	31.0	ug/Kg
			Total Voc :	54.6				
			Total Concentration:	54.6				
Client ID:	**P001-CLAY-CF01-02**							
Q1421-07	P001-CLAY-CF01-(	SOIL	Acetone	35.2		7.60	30.6	ug/Kg
			Total Voc :	35.2				
			Total Concentration:	35.2				
Client ID:	**P001-CLAY-CF01-02RE**							
Q1421-07RE	P001-CLAY-CF01-(	SOIL	Acetone	22.0	J	8.20	33.0	ug/Kg
			Total Voc :	22.0				
			Total Concentration:	22.0				

SAMPLE DATA

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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:	SOIL
Analytical Method:	SW8260	% Solid:	70.3
Sample Wt/Vol:	5.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021360.D	1		02/27/25 15:58	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.00	U	2.00	6.20	ug/Kg
74-87-3	Chloromethane	1.40	U	1.40	6.20	ug/Kg
75-01-4	Vinyl Chloride	0.95	U	0.95	6.20	ug/Kg
74-83-9	Bromomethane	1.30	U	1.30	6.20	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	6.20	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	6.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	6.20	ug/Kg
75-35-4	1,1-Dichloroethene	0.97	U	0.97	6.20	ug/Kg
67-64-1	Acetone	54.6		7.70	31.0	ug/Kg
75-15-0	Carbon Disulfide	1.60	U	1.60	6.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.83	U	0.83	6.20	ug/Kg
79-20-9	Methyl Acetate	2.20	U	2.20	6.20	ug/Kg
75-09-2	Methylene Chloride	4.20	U	4.20	12.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.00	U	1.00	6.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.78	U	0.78	6.20	ug/Kg
110-82-7	Cyclohexane	0.85	U	0.85	6.20	ug/Kg
78-93-3	2-Butanone	7.00	U	7.00	31.0	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	6.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.76	U	0.76	6.20	ug/Kg
74-97-5	Bromochloromethane	3.00	U	3.00	6.20	ug/Kg
67-66-3	Chloroform	0.83	U	0.83	6.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.97	U	0.97	6.20	ug/Kg
108-87-2	Methylcyclohexane	1.10	U	1.10	6.20	ug/Kg
71-43-2	Benzene	0.89	U	0.89	6.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.76	U	0.76	6.20	ug/Kg
79-01-6	Trichloroethene	0.93	U	0.93	6.20	ug/Kg
78-87-5	1,2-Dichloropropane	0.82	U	0.82	6.20	ug/Kg
75-27-4	Bromodichloromethane	0.69	U	0.69	6.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.40	U	5.40	31.0	ug/Kg
108-88-3	Toluene	0.83	U	0.83	6.20	ug/Kg

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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:	SOIL
Analytical Method:	SW8260	% Solid:	70.3
Sample Wt/Vol:	5.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021360.D	1		02/27/25 15:58	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.74	U	0.74	6.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.71	U	0.71	6.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	6.20	ug/Kg
591-78-6	2-Hexanone	5.90	U	5.90	31.0	ug/Kg
124-48-1	Dibromochloromethane	0.81	U	0.81	6.20	ug/Kg
106-93-4	1,2-Dibromoethane	0.98	U	0.98	6.20	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	6.20	ug/Kg
108-90-7	Chlorobenzene	0.92	U	0.92	6.20	ug/Kg
100-41-4	Ethyl Benzene	0.77	U	0.77	6.20	ug/Kg
179601-23-1	m/p-Xylenes	1.70	U	1.70	12.4	ug/Kg
95-47-6	o-Xylene	0.87	U	0.87	6.20	ug/Kg
100-42-5	Styrene	0.74	U	0.74	6.20	ug/Kg
75-25-2	Bromoform	1.00	U	1.00	6.20	ug/Kg
98-82-8	Isopropylbenzene	0.83	U	0.83	6.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1.40	6.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.92	U	0.92	6.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.99	U	0.99	6.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.73	U	0.73	6.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1.90	6.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.98	U	0.98	6.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.97	U	0.97	6.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	60.3		63 - 155	121%	SPK: 50
1868-53-7	Dibromofluoromethane	53.8		70 - 134	108%	SPK: 50
2037-26-5	Toluene-d8	47.5		74 - 123	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	39.2		38 - 136	78%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	78400	7.707			
540-36-3	1,4-Difluorobenzene	138000	8.61			
3114-55-4	Chlorobenzene-d5	121000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	44500	13.346			

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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:	SOIL
Analytical Method:	SW8260	% Solid:	70.3
Sample Wt/Vol:	5.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021360.D	1		02/27/25 15:58	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	SOIL
Analytical Method:	SW8260	% Solid:	75.2
Sample Wt/Vol:	5.43 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021359.D	1		02/27/25 15:35	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.00	U	2.00	6.10	ug/Kg
74-87-3	Chloromethane	1.40	U	1.40	6.10	ug/Kg
75-01-4	Vinyl Chloride	0.94	U	0.94	6.10	ug/Kg
74-83-9	Bromomethane	1.30	U	1.30	6.10	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	6.10	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	6.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	6.10	ug/Kg
75-35-4	1,1-Dichloroethene	0.96	U	0.96	6.10	ug/Kg
67-64-1	Acetone	35.2		7.60	30.6	ug/Kg
75-15-0	Carbon Disulfide	1.60	U	1.60	6.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.82	U	0.82	6.10	ug/Kg
79-20-9	Methyl Acetate	2.20	U	2.20	6.10	ug/Kg
75-09-2	Methylene Chloride	4.20	U	4.20	12.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.00	U	1.00	6.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.77	U	0.77	6.10	ug/Kg
110-82-7	Cyclohexane	0.84	U	0.84	6.10	ug/Kg
78-93-3	2-Butanone	7.00	U	7.00	30.6	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	6.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	6.10	ug/Kg
74-97-5	Bromochloromethane	3.00	U	3.00	6.10	ug/Kg
67-66-3	Chloroform	0.82	U	0.82	6.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.96	U	0.96	6.10	ug/Kg
108-87-2	Methylcyclohexane	1.10	U	1.10	6.10	ug/Kg
71-43-2	Benzene	0.88	U	0.88	6.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.75	U	0.75	6.10	ug/Kg
79-01-6	Trichloroethene	0.92	U	0.92	6.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.81	U	0.81	6.10	ug/Kg
75-27-4	Bromodichloromethane	0.69	U	0.69	6.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.30	U	5.30	30.6	ug/Kg
108-88-3	Toluene	0.82	U	0.82	6.10	ug/Kg

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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:	SOIL
Analytical Method:	SW8260	% Solid:	75.2
Sample Wt/Vol:	5.43 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021359.D	1		02/27/25 15:35	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.73	U	0.73	6.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.70	U	0.70	6.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	6.10	ug/Kg
591-78-6	2-Hexanone	5.90	U	5.90	30.6	ug/Kg
124-48-1	Dibromochloromethane	0.80	U	0.80	6.10	ug/Kg
106-93-4	1,2-Dibromoethane	0.97	U	0.97	6.10	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	6.10	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	6.10	ug/Kg
100-41-4	Ethyl Benzene	0.76	U	0.76	6.10	ug/Kg
179601-23-1	m/p-Xylenes	1.70	U	1.70	12.2	ug/Kg
95-47-6	o-Xylene	0.86	U	0.86	6.10	ug/Kg
100-42-5	Styrene	0.73	U	0.73	6.10	ug/Kg
75-25-2	Bromoform	0.99	U	0.99	6.10	ug/Kg
98-82-8	Isopropylbenzene	0.82	U	0.82	6.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	6.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.91	U	0.91	6.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.98	U	0.98	6.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.72	U	0.72	6.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1.90	6.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.97	U	0.97	6.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.96	U	0.96	6.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.6		63 - 155	113%	SPK: 50
1868-53-7	Dibromofluoromethane	54.5		70 - 134	109%	SPK: 50
2037-26-5	Toluene-d8	46.5		74 - 123	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.7		38 - 136	77%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68500	7.707			
540-36-3	1,4-Difluorobenzene	116000	8.616			
3114-55-4	Chlorobenzene-d5	100000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	36600	13.346			

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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:	SOIL
Analytical Method:	SW8260	% Solid:	75.2
Sample Wt/Vol:	5.43 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021359.D	1		02/27/25 15:35	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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-CF01-02RE	SDG No.:	Q1421
Lab Sample ID:	Q1421-07RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	75.2
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021379.D	1		02/28/25 12:56	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	U	2.20	6.60	ug/Kg
74-87-3	Chloromethane	1.50	U	1.50	6.60	ug/Kg
75-01-4	Vinyl Chloride	1.00	U	1.00	6.60	ug/Kg
74-83-9	Bromomethane	1.40	U	1.40	6.60	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	6.60	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	6.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1.40	6.60	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	6.60	ug/Kg
67-64-1	Acetone	22.0	J	8.20	33.0	ug/Kg
75-15-0	Carbon Disulfide	1.70	U	1.70	6.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.89	U	0.89	6.60	ug/Kg
79-20-9	Methyl Acetate	2.40	U	2.40	6.60	ug/Kg
75-09-2	Methylene Chloride	4.50	U	4.50	13.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.60	ug/Kg
75-34-3	1,1-Dichloroethane	0.83	U	0.83	6.60	ug/Kg
110-82-7	Cyclohexane	0.91	U	0.91	6.60	ug/Kg
78-93-3	2-Butanone	7.50	U	7.50	33.0	ug/Kg
56-23-5	Carbon Tetrachloride	1.20	U	1.20	6.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.81	U	0.81	6.60	ug/Kg
74-97-5	Bromochloromethane	3.20	U	3.20	6.60	ug/Kg
67-66-3	Chloroform	0.89	U	0.89	6.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	6.60	ug/Kg
108-87-2	Methylcyclohexane	1.20	U	1.20	6.60	ug/Kg
71-43-2	Benzene	0.95	U	0.95	6.60	ug/Kg
107-06-2	1,2-Dichloroethane	0.81	U	0.81	6.60	ug/Kg
79-01-6	Trichloroethene	0.99	U	0.99	6.60	ug/Kg
78-87-5	1,2-Dichloropropane	0.87	U	0.87	6.60	ug/Kg
75-27-4	Bromodichloromethane	0.74	U	0.74	6.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.80	U	5.80	33.0	ug/Kg
108-88-3	Toluene	0.89	U	0.89	6.60	ug/Kg

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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-CF01-02RE	SDG No.:	Q1421
Lab Sample ID:	Q1421-07RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	75.2
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021379.D	1		02/28/25 12:56	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.79	U	0.79	6.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.75	U	0.75	6.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.10	U	1.10	6.60	ug/Kg
591-78-6	2-Hexanone	6.30	U	6.30	33.0	ug/Kg
124-48-1	Dibromochloromethane	0.86	U	0.86	6.60	ug/Kg
106-93-4	1,2-Dibromoethane	1.00	U	1.00	6.60	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	6.60	ug/Kg
108-90-7	Chlorobenzene	0.98	U	0.98	6.60	ug/Kg
100-41-4	Ethyl Benzene	0.82	U	0.82	6.60	ug/Kg
179601-23-1	m/p-Xylenes	1.80	U	1.80	13.2	ug/Kg
95-47-6	o-Xylene	0.93	U	0.93	6.60	ug/Kg
100-42-5	Styrene	0.79	U	0.79	6.60	ug/Kg
75-25-2	Bromoform	1.10	U	1.10	6.60	ug/Kg
98-82-8	Isopropylbenzene	0.89	U	0.89	6.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1.50	6.60	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.98	U	0.98	6.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.10	U	1.10	6.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.78	U	0.78	6.60	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	2.10	6.60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1.00	6.60	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1.00	6.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.5		63 - 155	111%	SPK: 50
1868-53-7	Dibromofluoromethane	54.3		70 - 134	109%	SPK: 50
2037-26-5	Toluene-d8	46.2		74 - 123	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	31.9		38 - 136	64%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	106000	7.707			
540-36-3	1,4-Difluorobenzene	179000	8.615			
3114-55-4	Chlorobenzene-d5	142000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	40300	13.346			

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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-CF01-02RE	SDG No.:	Q1421
Lab Sample ID:	Q1421-07RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	75.2
Sample Wt/Vol:	5.03 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021379.D	1		02/28/25 12:56	VY022825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
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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:	SOIL
Analytical Method:	SW8260	% Solid:	78.4
Sample Wt/Vol:	4.85 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021432.D	1		03/06/25 14:15	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.20	U	2.20	6.60	ug/Kg
74-87-3	Chloromethane	1.50	U	1.50	6.60	ug/Kg
75-01-4	Vinyl Chloride	1.00	U	1.00	6.60	ug/Kg
74-83-9	Bromomethane	1.40	U	1.40	6.60	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	6.60	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	6.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.40	U	1.40	6.60	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	6.60	ug/Kg
67-64-1	Acetone	8.20	U	8.20	32.9	ug/Kg
75-15-0	Carbon Disulfide	1.70	U	1.70	6.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.88	U	0.88	6.60	ug/Kg
79-20-9	Methyl Acetate	2.40	U	2.40	6.60	ug/Kg
75-09-2	Methylene Chloride	4.50	U	4.50	13.1	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.60	ug/Kg
75-34-3	1,1-Dichloroethane	0.83	U	0.83	6.60	ug/Kg
110-82-7	Cyclohexane	0.91	U	0.91	6.60	ug/Kg
78-93-3	2-Butanone	7.50	U	7.50	32.9	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	6.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.80	U	0.80	6.60	ug/Kg
74-97-5	Bromochloromethane	3.20	U	3.20	6.60	ug/Kg
67-66-3	Chloroform	0.88	U	0.88	6.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.00	U	1.00	6.60	ug/Kg
108-87-2	Methylcyclohexane	1.10	U	1.10	6.60	ug/Kg
71-43-2	Benzene	0.95	U	0.95	6.60	ug/Kg
107-06-2	1,2-Dichloroethane	0.80	U	0.80	6.60	ug/Kg
79-01-6	Trichloroethene	0.99	U	0.99	6.60	ug/Kg
78-87-5	1,2-Dichloropropane	0.87	U	0.87	6.60	ug/Kg
75-27-4	Bromodichloromethane	0.74	U	0.74	6.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.70	U	5.70	32.9	ug/Kg
108-88-3	Toluene	0.88	U	0.88	6.60	ug/Kg

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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:	SOIL
Analytical Method:	SW8260	% Solid:	78.4
Sample Wt/Vol:	4.85 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021432.D	1		03/06/25 14:15	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.79	U	0.79	6.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.75	U	0.75	6.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.10	U	1.10	6.60	ug/Kg
591-78-6	2-Hexanone	6.30	U	6.30	32.9	ug/Kg
124-48-1	Dibromochloromethane	0.85	U	0.85	6.60	ug/Kg
106-93-4	1,2-Dibromoethane	1.00	U	1.00	6.60	ug/Kg
127-18-4	Tetrachloroethene	1.20	U	1.20	6.60	ug/Kg
108-90-7	Chlorobenzene	0.97	U	0.97	6.60	ug/Kg
100-41-4	Ethyl Benzene	0.82	U	0.82	6.60	ug/Kg
179601-23-1	m/p-Xylenes	1.80	U	1.80	13.1	ug/Kg
95-47-6	o-Xylene	0.92	U	0.92	6.60	ug/Kg
100-42-5	Styrene	0.79	U	0.79	6.60	ug/Kg
75-25-2	Bromoform	1.10	U	1.10	6.60	ug/Kg
98-82-8	Isopropylbenzene	0.88	U	0.88	6.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.40	U	1.40	6.60	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.97	U	0.97	6.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.10	U	1.10	6.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.78	U	0.78	6.60	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.10	U	2.10	6.60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.00	U	1.00	6.60	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.00	U	1.00	6.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.6		63 - 155	115%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	49.0		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.8		38 - 136	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	243000	7.707			
540-36-3	1,4-Difluorobenzene	448000	8.616			
3114-55-4	Chlorobenzene-d5	395000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	151000	13.347			

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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:	SOIL
Analytical Method:	SW8260	% Solid:	78.4
Sample Wt/Vol:	4.85 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021432.D	1		03/06/25 14:15	VY030625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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**
			VOC-TCLVOA-10	8260D			02/27/25	
Q1421-04	**P001-CLAY-CF01-01**	**Water**			**02/24/25**			**02/24/25**
			SPLP VOA	8260D			02/26/25	
Q1421-07	**P001-CLAY-CF01-02**	**SOIL**			**02/24/25**			**02/24/25**
			VOC-TCLVOA-10	8260D			02/27/25	
Q1421-07RE	**P001-CLAY-CF01-02RE**	**SOIL**			**02/24/25**			**02/24/25**
			VOC-TCLVOA-10	8260D			02/28/25	
Q1421-08	**P001-CLAY-CF01-02**	**Water**			**02/24/25**			**02/24/25**
			SPLP VOA	8260D			02/26/25	
Q1421-09	**P001-CLAY-CF02-01**	**SOIL**			**02/24/25**			**02/24/25**
			VOC-TCLVOA-10	8260D			03/06/25	
Q1421-10	**P001-CLAY-CF02-01**	**Water**			**02/24/25**			**02/24/25**
			SPLP VOA	8260D			02/26/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1421

Client: Weston Solutions, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**P001-CLAY-CF01-01**							
Q1421-04	P001-CLAY-CF01-(	WATER	Acetone	38.8		1.40	25.0	ug/L
Q1421-04	P001-CLAY-CF01-(	WATER	Methylene Chloride	2.30	J	0.32	5.00	ug/L
			Total Voc :	41.1				
			Total Concentration:	41.1				
Client ID:	**P001-CLAY-CF01-02**							
Q1421-08	P001-CLAY-CF01-(	WATER	Acetone	55.2		1.40	25.0	ug/L
Q1421-08	P001-CLAY-CF01-(	WATER	Methylene Chloride	1.40	J	0.32	5.00	ug/L
			Total Voc :	56.6				
			Total Concentration:	56.6				
Client ID:	**P001-CLAY-CF02-01**							
Q1421-10	P001-CLAY-CF02-(	WATER	Acetone	21.5	J	1.40	25.0	ug/L
Q1421-10	P001-CLAY-CF02-(	WATER	Methylene Chloride	1.70	J	0.32	5.00	ug/L
			Total Voc :	23.2				
			Total Concentration:	23.2				

SAMPLE DATA

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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:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085869.D	1		02/26/25 14:20	VN022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	38.8		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	2.30	J	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	0.16	U	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

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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:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085869.D	1		02/26/25 14:20	VN022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	0.14	U	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.8		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		75 - 124	99%	SPK: 50
2037-26-5	Toluene-d8	46.0		86 - 113	92%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.9		77 - 121	92%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	267000	8.224			
540-36-3	1,4-Difluorobenzene	498000	9.1			
3114-55-4	Chlorobenzene-d5	429000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	167000	13.794			

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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:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085869.D	1		02/26/25 14:20	VN022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922

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:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085870.D	1		02/26/25 14:44	VN022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	55.2		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	1.40	J	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	0.16	U	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

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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:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085870.D	1		02/26/25 14:44	VN022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	0.14	U	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.0		74 - 125	106%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		75 - 124	102%	SPK: 50
2037-26-5	Toluene-d8	46.5		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.0		77 - 121	90%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	265000	8.224			
540-36-3	1,4-Difluorobenzene	493000	9.1			
3114-55-4	Chlorobenzene-d5	428000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	165000	13.794			

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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:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085870.D	1		02/26/25 14:44	VN022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
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() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085871.D	1		02/26/25 15:08	VN022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	21.5	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	1.70	J	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	0.16	U	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L

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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:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085871.D	1		02/26/25 15:08	VN022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	UQ	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	0.14	U	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.6		74 - 125	105%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	46.5		86 - 113	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.3		77 - 121	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	270000	8.224			
540-36-3	1,4-Difluorobenzene	498000	9.1			
3114-55-4	Chlorobenzene-d5	444000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	173000	13.788			

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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:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085871.D	1		02/26/25 15:08	VN022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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
Q1421-04	**P001-CLAY-CF01-01**	**Water**			**02/24/25**			**02/24/25**
			SPLP VOA	8260D			02/26/25	
Q1421-08	**P001-CLAY-CF01-02**	**Water**			**02/24/25**			**02/24/25**
			SPLP VOA	8260D			02/26/25	
Q1421-10	**P001-CLAY-CF02-01**	**Water**			**02/24/25**			**02/24/25**
			SPLP VOA	8260D			02/26/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1421

Client: Weston Solutions, Inc.

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : P001-CLAY-CF01-01									
Q1421-01	P001-CLAY-CF01-01	SOIL	1,4-Benzenedicarboxylic acid, bis	*	640.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	13-Octadecenal, (Z)-	*	110.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Benzophenone	*	420.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Eicosane	*	210.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Hentriacontane	*	210.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Heptacosane	*	240.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Heptadecane, 9-octyl-	*	400.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Hexadecane, 1-iodo-	*	320.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	n-Hexadecanoic acid	*	2,000.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Octadecanoic acid	*	730.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Tetracosane	*	120.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Triacontane	*	190.000	J	0	0	ug/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Trichloroacetic acid, hexadecyl es	*	220.000	J	0	0	ug/Kg
			Total Tics :		**5,960.00**				
			Total Concentration:		**5,960.00**				
Client ID : P001-CLAY-CF01-02									
Q1421-07	P001-CLAY-CF01-02	SOIL	Phenol		110.000	J	110	230	ug/Kg
			Total Svoc :		**110.00**				
Q1421-07	P001-CLAY-CF01-02	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	140.000	A	0	0	ug/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	9-Octadecenamide, (Z)-	*	160.000	J	0	0	ug/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Benzophenone	*	400.000	J	0	0	ug/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Heptadecyl trifluoroacetate	*	360.000	J	0	0	ug/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	n-Hexadecanoic acid	*	350.000	J	0	0	ug/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Pentanedioic acid, dimethyl ester	*	98.800	J	0	0	ug/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Tetradecanoic acid	*	170.000	J	0	0	ug/Kg
			Total Tics :		**1,678.80**				
			Total Concentration:		**1,788.80**				
Client ID : P001-CLAY-CF02-01									
Q1421-09	P001-CLAY-CF02-01	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	150.000	A	0	0	ug/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	9-Octadecenamide, (Z)-	*	85.800	J	0	0	ug/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Benzophenone	*	190.000	J	0	0	ug/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	n-Hexadecanoic acid	*	110.000	J	0	0	ug/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Pentafluoropropionic acid, octade	*	240.000	J	0	0	ug/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Supraene	*	110.000	J	0	0	ug/Kg
			Total Tics :		**885.80**				

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Hit Summary Sheet
SW-846

SDG No.: Q1421

Client: Weston Solutions, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	**885.80**				

SAMPLE DATA

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Fax : 908 789 8922

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:	SOIL
Analytical Method:	SW8270	% Solid:	70.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141761.D	1	02/25/25 09:30	02/25/25 13:37	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	260	U	260	470	ug/Kg
108-95-2	Phenol	120	U	120	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	120	U	120	240	ug/Kg
95-57-8	2-Chlorophenol	120	U	120	240	ug/Kg
95-48-7	2-Methylphenol	110	U	110	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	240	ug/Kg
98-86-2	Acetophenone	120	U	120	240	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	470	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	57.3	U	57.3	110	ug/Kg
67-72-1	Hexachloroethane	120	U	120	240	ug/Kg
98-95-3	Nitrobenzene	130	U	130	240	ug/Kg
78-59-1	Isophorone	120	U	120	240	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	240	ug/Kg
105-67-9	2,4-Dimethylphenol	130	U	130	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	120	U	120	240	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	240	ug/Kg
91-20-3	Naphthalene	120	U	120	240	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	240	ug/Kg
87-68-3	Hexachlorobutadiene	120	U	120	240	ug/Kg
105-60-2	Caprolactam	120	U	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	240	ug/Kg
91-57-6	2-Methylnaphthalene	120	U	120	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	U	110	240	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	240	ug/Kg
91-58-7	2-Chloronaphthalene	120	U	120	240	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	240	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	240	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	SOIL
Analytical Method:	SW8270	% Solid:	70.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141761.D	1	02/25/25 09:30	02/25/25 13:37	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	120	U	120	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	240	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	240	ug/Kg
83-32-9	Acenaphthene	120	U	120	240	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	350	470	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	470	ug/Kg
132-64-9	Dibenzofuran	120	U	120	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	120	U	120	240	ug/Kg
84-66-2	Diethylphthalate	110	U	110	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	U	120	240	ug/Kg
86-73-7	Fluorene	120	U	120	240	ug/Kg
100-01-6	4-Nitroaniline	150	U	150	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	470	ug/Kg
86-30-6	n-Nitrosodiphenylamine	120	U	120	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	240	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	240	ug/Kg
1912-24-9	Atrazine	130	U	130	240	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	470	ug/Kg
85-01-8	Phenanthrene	120	U	120	240	ug/Kg
120-12-7	Anthracene	120	U	120	240	ug/Kg
86-74-8	Carbazole	110	U	110	240	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	240	ug/Kg
206-44-0	Fluoranthene	120	U	120	240	ug/Kg
129-00-0	Pyrene	120	U	120	240	ug/Kg
85-68-7	Butylbenzylphthalate	140	UQ	140	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	470	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	240	ug/Kg
218-01-9	Chrysene	110	U	110	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	240	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	U	120	240	ug/Kg

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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:	SOIL
Analytical Method:	SW8270	% Solid:	70.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141761.D	1	02/25/25 09:30	02/25/25 13:37	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	120	U	120	240	ug/Kg
50-32-8	Benzo(a)pyrene	130	U	130	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	U	120	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	240	ug/Kg
123-91-1	1,4-Dioxane	160	U	160	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	240	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	106		18 - 112	71%	SPK: 150
13127-88-3	Phenol-d6	105		15 - 107	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.1		18 - 107	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.2		20 - 109	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	89.1		10 - 116	59%	SPK: 150
1718-51-0	Terphenyl-d14	67.7		10 - 105	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	70900	6.781			
1146-65-2	Naphthalene-d8	286000	8.063			
15067-26-2	Acenaphthene-d10	151000	9.816			
1517-22-2	Phenanthrene-d10	243000	11.298			
1719-03-5	Chrysene-d12	169000	13.939			
1520-96-3	Perylene-d12	177000	15.386			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A		4.99	ug/Kg
000119-61-9	Benzophenone	420	J		10.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	2000	J		11.8	ug/Kg
000630-04-6	Hentriacontane	210	J		12.3	ug/Kg
058594-45-9	13-Octadecenal, (Z)-	110	J		12.5	ug/Kg
000057-11-4	Octadecanoic acid	730	J		12.6	ug/Kg
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	640	J		12.8	ug/Kg

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Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-01	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	70.3
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141761.D	1	02/25/25 09:30	02/25/25 13:37	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000593-49-7	Heptacosane	240	J		13.2	ug/Kg
074339-54-1	Trichloroacetic acid, hexadecyl es	220	J		13.8	ug/Kg
000544-77-4	Hexadecane, 1-iodo-	320	J		13.9	ug/Kg
007225-64-1	Heptadecane, 9-octyl-	400	J		14.4	ug/Kg
000112-95-8	Eicosane	210	J		14.7	ug/Kg
000638-68-6	Triacontane	190	J		14.9	ug/Kg
000646-31-1	Tetracosane	120	J		15.0	ug/Kg

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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:	SOIL
Analytical Method:	SW8270	% Solid:	75.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141764.D	1	02/25/25 09:30	02/25/25 15:06	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	240	U	240	440	ug/Kg
108-95-2	Phenol	110	J	110	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	230	ug/Kg
95-48-7	2-Methylphenol	110	U	110	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	230	ug/Kg
98-86-2	Acetophenone	120	U	120	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.6	U	53.6	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	230	ug/Kg
78-59-1	Isophorone	110	U	110	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	230	ug/Kg
91-20-3	Naphthalene	110	U	110	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	230	ug/Kg
105-60-2	Caprolactam	120	U	120	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.9	U	94.9	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.4	U	98.4	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	230	ug/Kg

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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:	SOIL
Analytical Method:	SW8270	% Solid:	75.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141764.D	1	02/25/25 09:30	02/25/25 15:06	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	110	U	110	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	230	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	230	ug/Kg
86-73-7	Fluorene	110	U	110	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	230	ug/Kg
1912-24-9	Atrazine	120	U	120	230	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	440	ug/Kg
85-01-8	Phenanthrene	110	U	110	230	ug/Kg
120-12-7	Anthracene	110	U	110	230	ug/Kg
86-74-8	Carbazole	110	U	110	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	230	ug/Kg
206-44-0	Fluoranthene	110	U	110	230	ug/Kg
129-00-0	Pyrene	110	U	110	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	UQ	130	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	230	ug/Kg
218-01-9	Chrysene	110	U	110	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	230	ug/Kg

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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:	SOIL
Analytical Method:	SW8270	% Solid:	75.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141764.D	1	02/25/25 09:30	02/25/25 15:06	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	110	U	110	230	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.3	U	99.3	230	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	135		18 - 112	90%	SPK: 150
13127-88-3	Phenol-d6	133		15 - 107	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.8		18 - 107	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.8		20 - 109	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	107		10 - 116	71%	SPK: 150
1718-51-0	Terphenyl-d14	79.4		10 - 105	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	71400	6.781			
1146-65-2	Naphthalene-d8	281000	8.063			
15067-26-2	Acenaphthene-d10	149000	9.816			
1517-22-2	Phenanthrene-d10	236000	11.298			
1719-03-5	Chrysene-d12	161000	13.939			
1520-96-3	Perylene-d12	175000	15.386			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A		4.99	ug/Kg
001119-40-0	Pentanedioic acid, dimethyl ester	98.8	J		7.61	ug/Kg
000119-61-9	Benzophenone	400	J		10.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	350	J		11.8	ug/Kg
000544-63-8	Tetradecanoic acid	170	J		12.6	ug/Kg
1010351-87-0	Heptadecyl trifluoroacetate	360	J		13.8	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	160	J		14.7	ug/Kg

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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:	SOIL
Analytical Method:	SW8270	% Solid:	75.2
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141764.D	1	02/25/25 09:30	02/25/25 15:06	PB166853

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

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:	SOIL
Analytical Method:	SW8270	% Solid:	78.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141765.D	1	02/25/25 09:30	02/25/25 15:35	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	230	U	230	420	ug/Kg
108-95-2	Phenol	110	U	110	220	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	220	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	220	ug/Kg
95-48-7	2-Methylphenol	100	U	100	220	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	220	ug/Kg
98-86-2	Acetophenone	110	U	110	220	ug/Kg
65794-96-9	3+4-Methylphenols	100	U	100	420	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.3	U	51.3	100	ug/Kg
67-72-1	Hexachloroethane	110	U	110	220	ug/Kg
98-95-3	Nitrobenzene	120	U	120	220	ug/Kg
78-59-1	Isophorone	110	U	110	220	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	220	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	220	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	220	ug/Kg
120-83-2	2,4-Dichlorophenol	96.2	U	96.2	220	ug/Kg
91-20-3	Naphthalene	110	U	110	220	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	220	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	220	ug/Kg
105-60-2	Caprolactam	110	U	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98.7	U	98.7	220	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	91.0	U	91.0	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	94.3	U	94.3	220	ug/Kg
92-52-4	1,1-Biphenyl	110	U	110	220	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	220	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	220	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	220	ug/Kg

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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:	SOIL
Analytical Method:	SW8270	% Solid:	78.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141765.D	1	02/25/25 09:30	02/25/25 15:35	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	110	U	110	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	220	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	220	ug/Kg
83-32-9	Acenaphthene	100	U	100	220	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	420	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	420	ug/Kg
132-64-9	Dibenzofuran	110	U	110	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	220	ug/Kg
84-66-2	Diethylphthalate	100	U	100	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	220	ug/Kg
86-73-7	Fluorene	110	U	110	220	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	220	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	420	ug/Kg
86-30-6	n-Nitrosodiphenylamine	100	U	100	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	220	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	220	ug/Kg
1912-24-9	Atrazine	120	U	120	220	ug/Kg
87-86-5	Pentachlorophenol	98.5	U	98.5	420	ug/Kg
85-01-8	Phenanthrene	110	U	110	220	ug/Kg
120-12-7	Anthracene	110	U	110	220	ug/Kg
86-74-8	Carbazole	100	U	100	220	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	220	ug/Kg
206-44-0	Fluoranthene	100	U	100	220	ug/Kg
129-00-0	Pyrene	110	U	110	220	ug/Kg
85-68-7	Butylbenzylphthalate	120	UQ	120	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	420	ug/Kg
56-55-3	Benzo(a)anthracene	100	U	100	220	ug/Kg
218-01-9	Chrysene	100	U	100	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	220	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	220	ug/Kg

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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:	SOIL
Analytical Method:	SW8270	% Solid:	78.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141765.D	1	02/25/25 09:30	02/25/25 15:35	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	110	U	110	220	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	99.5	U	99.5	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	U	100	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	U	100	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	110	U	110	220	ug/Kg
123-91-1	1,4-Dioxane	140	U	140	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	95.2	U	95.2	220	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	108		18 - 112	72%	SPK: 150
13127-88-3	Phenol-d6	104		15 - 107	70%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.1		18 - 107	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.0		20 - 109	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.7		10 - 116	56%	SPK: 150
1718-51-0	Terphenyl-d14	72.2		10 - 105	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69900	6.781			
1146-65-2	Naphthalene-d8	276000	8.063			
15067-26-2	Acenaphthene-d10	147000	9.816			
1517-22-2	Phenanthrene-d10	233000	11.298			
1719-03-5	Chrysene-d12	155000	13.939			
1520-96-3	Perylene-d12	165000	15.386			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	150	A		4.99	ug/Kg
000119-61-9	Benzophenone	190	J		10.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	110	J		11.8	ug/Kg
959261-25-7	Pentafluoropropionic acid, octadec	240	J		13.8	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	85.8	J		14.7	ug/Kg
007683-64-9	Supraene	110	J		14.8	ug/Kg

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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:	SOIL
Analytical Method:	SW8270	% Solid:	78.4
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141765.D	1	02/25/25 09:30	02/25/25 15:35	PB166853

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

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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**
			SVOC-TCL BNA -20	8270E		02/25/25	02/25/25	
Q1421-07	**P001-CLAY-CF01-02**	**SOIL**			**02/24/25**			**02/24/25**
			SVOC-TCL BNA -20	8270E		02/25/25	02/25/25	
Q1421-09	**P001-CLAY-CF02-01**	**SOIL**			**02/24/25**			**02/24/25**
			SVOC-TCL BNA -20	8270E		02/25/25	02/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1421

Client: Weston Solutions, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : P001-CLAY-CF01-01								
Q1421-04	P001-CLAY-CF01-01	WATER	Dimethylphthalate	9.500		0.93	5	ug/L
Q1421-04	P001-CLAY-CF01-01	WATER	Diethylphthalate	4.000	J	1	5	ug/L
Q1421-04	P001-CLAY-CF01-01	WATER	Di-n-butylphthalate	2.100	J	1.5	5	ug/L
			Total Svoc :			**15.60**		
			Total Concentration:			**15.60**		
Client ID : P001-CLAY-CF01-02								
Q1421-08	P001-CLAY-CF01-02	WATER	Dimethylphthalate	13.700		0.93	5	ug/L
			Total Svoc :			**13.70**		
			Total Concentration:			**13.70**		
Client ID : P001-CLAY-CF02-01								
Q1421-10	P001-CLAY-CF02-01	WATER	Dimethylphthalate	12.100		0.93	5	ug/L
			Total Svoc :			**12.10**		
			Total Concentration:			**12.10**		

SAMPLE DATA

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/26/25
Project:	RFP 905	Date Received:	02/26/25
Client Sample ID:	PB166894TB	SDG No.:	Q1421
Lab Sample ID:	PB166894TB	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024119.D	1	02/26/25 11:20	02/27/25 13:41	PB166894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.0	ug/L
108-95-2	Phenol	0.93	U	0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.00	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.00	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.50	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
78-59-1	Isophorone	1.10	U	1.10	5.00	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	5.00	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.00	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	1.10	U	1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	5.00	U	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	5.00	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.00	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	5.00	ug/L

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/26/25
Project:	RFP 905	Date Received:	02/26/25
Client Sample ID:	PB166894TB	SDG No.:	Q1421
Lab Sample ID:	PB166894TB	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024119.D	1	02/26/25 11:20	02/27/25 13:41	PB166894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.00	U	1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
99-09-2	3-Nitroaniline	1.40	U	1.40	5.00	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.40	U	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.0	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
84-66-2	Diethylphthalate	1.00	U	1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	5.00	ug/L
86-73-7	Fluorene	0.96	U	0.96	5.00	ug/L
100-01-6	4-Nitroaniline	2.00	U	2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
1912-24-9	Atrazine	1.30	UQ	1.30	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	5.00	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.00	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.00	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.00	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	2.10	U	2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	5.00	ug/L
218-01-9	Chrysene	0.86	U	0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	1.10	U	1.10	5.00	ug/L

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/26/25
Project:	RFP 905	Date Received:	02/26/25
Client Sample ID:	PB166894TB	SDG No.:	Q1421
Lab Sample ID:	PB166894TB	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024119.D	1	02/26/25 11:20	02/27/25 13:41	PB166894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.00	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	150		10 - 139	100%	SPK: 150
13127-88-3	Phenol-d6	150		10 - 134	100%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.9		49 - 133	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.5		52 - 132	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	150		44 - 137	100%	SPK: 150
1718-51-0	Terphenyl-d14	116		48 - 125	116%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	451000	7.757			
1146-65-2	Naphthalene-d8	1840000	10.534			
15067-26-2	Acenaphthene-d10	1170000	14.386			
1517-22-2	Phenanthrene-d10	2220000	17.18			
1719-03-5	Chrysene-d12	1680000	21.645			
1520-96-3	Perylene-d12	1600000	25.027			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

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:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024120.D	1	02/26/25 11:20	02/27/25 14:27	PB166894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.0	ug/L
108-95-2	Phenol	0.93	U	0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.00	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.00	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.50	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
78-59-1	Isophorone	1.10	U	1.10	5.00	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	5.00	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.00	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	1.10	U	1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	5.00	U	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	5.00	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.00	ug/L
131-11-3	Dimethylphthalate	9.50		0.93	5.00	ug/L

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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:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024120.D	1	02/26/25 11:20	02/27/25 14:27	PB166894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.00	U	1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
99-09-2	3-Nitroaniline	1.40	U	1.40	5.00	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.40	U	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.0	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
84-66-2	Diethylphthalate	4.00	J	1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	5.00	ug/L
86-73-7	Fluorene	0.96	U	0.96	5.00	ug/L
100-01-6	4-Nitroaniline	2.00	U	2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
1912-24-9	Atrazine	1.30	UQ	1.30	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	5.00	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.00	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	2.10	J	1.50	5.00	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.00	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	2.10	U	2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	5.00	ug/L
218-01-9	Chrysene	0.86	U	0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	1.10	U	1.10	5.00	ug/L

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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:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024120.D	1	02/26/25 11:20	02/27/25 14:27	PB166894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.00	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.2		10 - 139	45%	SPK: 150
13127-88-3	Phenol-d6	39.1		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	108		49 - 133	108%	SPK: 100
321-60-8	2-Fluorobiphenyl	102		52 - 132	102%	SPK: 100
118-79-6	2,4,6-Tribromophenol	178		44 - 137	119%	SPK: 150
1718-51-0	Terphenyl-d14	108		48 - 125	108%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	228000	7.758			
1146-65-2	Naphthalene-d8	878000	10.534			
15067-26-2	Acenaphthene-d10	522000	14.393			
1517-22-2	Phenanthrene-d10	1050000	17.198			
1719-03-5	Chrysene-d12	1210000	21.663			
1520-96-3	Perylene-d12	1420000	25.045			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
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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:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141806.D	1	02/26/25 11:20	02/28/25 13:22	PB166894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.0	ug/L
108-95-2	Phenol	0.93	U	0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.00	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.00	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.50	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
78-59-1	Isophorone	1.10	U	1.10	5.00	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	5.00	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.00	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	1.10	U	1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	5.00	U	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	5.00	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.00	ug/L
131-11-3	Dimethylphthalate	13.7		0.93	5.00	ug/L

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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:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141806.D	1	02/26/25 11:20	02/28/25 13:22	PB166894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.00	U	1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
99-09-2	3-Nitroaniline	1.40	U	1.40	5.00	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.40	U	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.0	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
84-66-2	Diethylphthalate	1.00	U	1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	5.00	ug/L
86-73-7	Fluorene	0.96	U	0.96	5.00	ug/L
100-01-6	4-Nitroaniline	2.00	U	2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
1912-24-9	Atrazine	1.30	UQ	1.30	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	5.00	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.00	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.00	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.00	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	2.10	U	2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	5.00	ug/L
218-01-9	Chrysene	0.86	U	0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	1.10	U	1.10	5.00	ug/L

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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:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141806.D	1	02/26/25 11:20	02/28/25 13:22	PB166894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.00	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	58.4		10 - 139	39%	SPK: 150
13127-88-3	Phenol-d6	34.9		10 - 134	23%	SPK: 150
4165-60-0	Nitrobenzene-d5	112		49 - 133	112%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.8		52 - 132	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	168		44 - 137	112%	SPK: 150
1718-51-0	Terphenyl-d14	77.7		48 - 125	78%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	244000	6.887			
1146-65-2	Naphthalene-d8	972000	8.169			
15067-26-2	Acenaphthene-d10	564000	9.922			
1517-22-2	Phenanthrene-d10	1040000	11.41			
1719-03-5	Chrysene-d12	1000000	14.045			
1520-96-3	Perylene-d12	851000	15.521			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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Fax : 908 789 8922

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:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141807.D	1	02/26/25 11:20	02/28/25 13:52	PB166894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.0	ug/L
108-95-2	Phenol	0.93	U	0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.00	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.00	ug/L
98-86-2	Acetophenone	1.10	U	1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.50	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
78-59-1	Isophorone	1.10	U	1.10	5.00	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	5.00	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.00	ug/L
106-47-8	4-Chloroaniline	1.30	U	1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
105-60-2	Caprolactam	1.70	U	1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	1.10	U	1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	5.00	U	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.00	U	1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	0.91	U	0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	5.00	ug/L
88-74-4	2-Nitroaniline	1.40	U	1.40	5.00	ug/L
131-11-3	Dimethylphthalate	12.1		0.93	5.00	ug/L

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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:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141807.D	1	02/26/25 11:20	02/28/25 13:52	PB166894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	1.00	U	1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
99-09-2	3-Nitroaniline	1.40	U	1.40	5.00	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.40	U	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.0	ug/L
132-64-9	Dibenzofuran	0.93	U	0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
84-66-2	Diethylphthalate	1.00	U	1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	5.00	ug/L
86-73-7	Fluorene	0.96	U	0.96	5.00	ug/L
100-01-6	4-Nitroaniline	2.00	U	2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
1912-24-9	Atrazine	1.30	UQ	1.30	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	5.00	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.00	ug/L
86-74-8	Carbazole	1.20	U	1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.00	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.00	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	2.10	U	2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	5.00	ug/L
218-01-9	Chrysene	0.86	U	0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	1.10	U	1.10	5.00	ug/L

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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:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141807.D	1	02/26/25 11:20	02/28/25 13:52	PB166894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	U	1.10	5.00	ug/L
123-91-1	1,4-Dioxane	1.30	U	1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.79	U	0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	64.4		10 - 139	43%	SPK: 150
13127-88-3	Phenol-d6	38.7		10 - 134	26%	SPK: 150
4165-60-0	Nitrobenzene-d5	116		49 - 133	116%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.4		52 - 132	95%	SPK: 100
118-79-6	2,4,6-Tribromophenol	169		44 - 137	113%	SPK: 150
1718-51-0	Terphenyl-d14	92.4		48 - 125	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	260000	6.887			
1146-65-2	Naphthalene-d8	1030000	8.169			
15067-26-2	Acenaphthene-d10	584000	9.922			
1517-22-2	Phenanthrene-d10	1060000	11.404			
1719-03-5	Chrysene-d12	833000	14.045			
1520-96-3	Perylene-d12	649000	15.516			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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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**
			SVOC-TCL BNA -20	8270E		02/25/25	02/25/25	
Q1421-04	**P001-CLAY-CF01-01**	**Water**			**02/24/25**			**02/24/25**
			SPLP BNA	8270E		02/26/25	02/27/25	
Q1421-07	**P001-CLAY-CF01-02**	**SOIL**			**02/24/25**			**02/24/25**
			SVOC-TCL BNA -20	8270E		02/25/25	02/25/25	
Q1421-08	**P001-CLAY-CF01-02**	**Water**			**02/24/25**			**02/24/25**
			SPLP BNA	8270E		02/26/25	02/28/25	
Q1421-09	**P001-CLAY-CF02-01**	**SOIL**			**02/24/25**			**02/24/25**
			SVOC-TCL BNA -20	8270E		02/25/25	02/25/25	
Q1421-10	**P001-CLAY-CF02-01**	**Water**			**02/24/25**			**02/24/25**
			SPLP BNA	8270E		02/26/25	02/28/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1421 **Order ID:** Q1421

Client: Weston Solutions, Inc. **Project ID:** RFP 905

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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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:	SOIL
Analytical Method:	SW8082A	% Solid:	70.3 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070047.D	1	02/25/25 09:02	02/25/25 16:00	PB166854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	24.1	ug/kg
11104-28-2	Aroclor-1221	9.10	U	9.10	24.1	ug/kg
11141-16-5	Aroclor-1232	4.80	U	4.80	24.1	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	24.1	ug/kg
12672-29-6	Aroclor-1248	11.2	U	11.2	24.1	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	24.1	ug/kg
37324-23-5	Aroclor-1262	6.50	U	6.50	24.1	ug/kg
11100-14-4	Aroclor-1268	4.90	U	4.90	24.1	ug/kg
11096-82-5	Aroclor-1260	4.10	U	4.10	24.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		32 - 144	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		32 - 175	99%	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

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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:	SOIL
Analytical Method:	SW8082A	% Solid:	75.2 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070050.D	1	02/25/25 09:02	02/25/25 16:48	PB166854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.50	U	4.50	22.6	ug/kg
11104-28-2	Aroclor-1221	8.50	U	8.50	22.6	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	22.6	ug/kg
53469-21-9	Aroclor-1242	4.50	U	4.50	22.6	ug/kg
12672-29-6	Aroclor-1248	10.5	U	10.5	22.6	ug/kg
11097-69-1	Aroclor-1254	3.60	U	3.60	22.6	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	22.6	ug/kg
11100-14-4	Aroclor-1268	4.60	U	4.60	22.6	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	22.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.5		32 - 144	137%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.7		32 - 175	113%	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

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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:	SOIL
Analytical Method:	SW8082A	% Solid:	78.4 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070051.D	1	02/25/25 09:02	02/25/25 17:05	PB166854

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	21.7	ug/kg
11104-28-2	Aroclor-1221	8.20	U	8.20	21.7	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	21.7	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	21.7	ug/kg
12672-29-6	Aroclor-1248	10.1	U	10.1	21.7	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	21.7	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	21.7	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	21.7	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	21.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	27.9		32 - 144	140%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.4		32 - 175	122%	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

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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	
Q1421-07	**P001-CLAY-CF01-02**	**SOIL**			**02/24/25**			**02/24/25**
			PCB	8082A		02/25/25	02/25/25	
Q1421-09	**P001-CLAY-CF02-01**	**SOIL**			**02/24/25**			**02/24/25**
			PCB	8082A		02/25/25	02/25/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1421 **Order ID:** Q1421

Client: Weston Solutions, Inc. **Project ID:** RFP 905

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 905	Date Received:	02/27/25
Client Sample ID:	PB166895TB	SDG No.:	Q1421
Lab Sample ID:	PB166895TB	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
PP070103.D	1	02/27/25 08:55	02/27/25 19:05	PB166895

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	23.8		10 - 157	119%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.1		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

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Fax : 908 789 8922

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:	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
PP070104.D	1	02/27/25 08:55	02/27/25 19:21	PB166895

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	26.3		10 - 157	131%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.7		10 - 173	123%	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

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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:	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
PP070107.D	1	02/27/25 08:55	02/27/25 20:10	PB166895

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	24.8		10 - 157	124%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.9		10 - 173	115%	SPK: 20

Comments:

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MDL = Method Detection Limit
LOD = Limit of Detection
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() = Laboratory InHouse Limit

Alliance TECHNICAL GROUP
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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:	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
PP070108.D	1	02/27/25 08:55	02/27/25 20:26	PB166895

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	23.4		10 - 157	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.9		10 - 173	104%	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
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S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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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	
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	
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	
Q1421-09	**P001-CLAY-CF02-01**	**SOIL**			**02/24/25**			**02/24/25**
			PCB	8082A		02/25/25	02/25/25	
Q1421-10	**P001-CLAY-CF02-01**	**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	

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Hit Summary Sheet
SW-846

SDG No.: Q1421 **Order ID:** Q1421

Client: Weston Solutions, Inc. **Project ID:** RFP 905

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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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:	SOIL
Analytical Method:	SW8081	% Solid:	70.3 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094392.D	1	02/25/25 09:03	02/25/25 14:31	PB166855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.26	U	0.26	2.40	ug/kg
319-85-7	beta-BHC	0.70	U	0.70	2.40	ug/kg
319-86-8	delta-BHC	0.67	U	0.67	2.40	ug/kg
58-89-9	gamma-BHC (Lindane)	0.27	U	0.27	2.40	ug/kg
76-44-8	Heptachlor	0.24	U	0.24	2.40	ug/kg
309-00-2	Aldrin	0.20	U	0.20	2.40	ug/kg
1024-57-3	Heptachlor epoxide	0.33	U	0.33	2.40	ug/kg
959-98-8	Endosulfan I	0.24	U	0.24	2.40	ug/kg
60-57-1	Dieldrin	0.21	U	0.21	2.40	ug/kg
72-55-9	4,4-DDE	0.18	U	0.18	2.40	ug/kg
72-20-8	Endrin	0.23	U	0.23	2.40	ug/kg
33213-65-9	Endosulfan II	0.43	U	0.43	2.40	ug/kg
72-54-8	4,4-DDD	0.27	U	0.27	2.40	ug/kg
1031-07-8	Endosulfan Sulfate	0.18	U	0.18	2.40	ug/kg
50-29-3	4,4-DDT	0.24	U	0.24	2.40	ug/kg
72-43-5	Methoxychlor	0.54	U	0.54	2.40	ug/kg
53494-70-5	Endrin ketone	0.31	U	0.31	2.40	ug/kg
7421-93-4	Endrin aldehyde	0.55	U	0.55	2.40	ug/kg
5103-71-9	alpha-Chlordane	0.24	U	0.24	2.40	ug/kg
5103-74-2	gamma-Chlordane	0.27	U	0.27	2.40	ug/kg
8001-35-2	Toxaphene	7.40	U	7.40	46.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.4		20 - 144	92%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		19 - 148	103%	SPK: 20

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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:	SOIL
Analytical Method:	SW8081	% Solid:	70.3 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094392.D	1	02/25/25 09:03	02/25/25 14:31	PB166855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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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:	SOIL
Analytical Method:	SW8081	% Solid:	75.2 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094395.D	1	02/25/25 09:03	02/25/25 15:11	PB166855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.24	U	0.24	2.30	ug/kg
319-85-7	beta-BHC	0.65	U	0.65	2.30	ug/kg
319-86-8	delta-BHC	0.62	U	0.62	2.30	ug/kg
58-89-9	gamma-BHC (Lindane)	0.25	U	0.25	2.30	ug/kg
76-44-8	Heptachlor	0.23	U	0.23	2.30	ug/kg
309-00-2	Aldrin	0.19	U	0.19	2.30	ug/kg
1024-57-3	Heptachlor epoxide	0.31	U	0.31	2.30	ug/kg
959-98-8	Endosulfan I	0.23	U	0.23	2.30	ug/kg
60-57-1	Dieldrin	0.20	U	0.20	2.30	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.30	ug/kg
72-20-8	Endrin	0.21	U	0.21	2.30	ug/kg
33213-65-9	Endosulfan II	0.40	U	0.40	2.30	ug/kg
72-54-8	4,4-DDD	0.25	U	0.25	2.30	ug/kg
1031-07-8	Endosulfan Sulfate	0.17	U	0.17	2.30	ug/kg
50-29-3	4,4-DDT	0.23	U	0.23	2.30	ug/kg
72-43-5	Methoxychlor	0.50	U	0.50	2.30	ug/kg
53494-70-5	Endrin ketone	0.29	U	0.29	2.30	ug/kg
7421-93-4	Endrin aldehyde	0.52	U	0.52	2.30	ug/kg
5103-71-9	alpha-Chlordane	0.23	U	0.23	2.30	ug/kg
5103-74-2	gamma-Chlordane	0.25	U	0.25	2.30	ug/kg
8001-35-2	Toxaphene	6.90	U	6.90	43.8	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.4		20 - 144	107%	SPK: 20
877-09-8	Tetrachloro-m-xylene	25.9		19 - 148	130%	SPK: 20

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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:	SOIL
Analytical Method:	SW8081	% Solid:	75.2 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094395.D	1	02/25/25 09:03	02/25/25 15:11	PB166855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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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:	SOIL
Analytical Method:	SW8081	% Solid:	78.4 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094396.D	1	02/25/25 09:03	02/25/25 15:25	PB166855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.23	U	0.23	2.20	ug/kg
319-85-7	beta-BHC	0.62	U	0.62	2.20	ug/kg
319-86-8	delta-BHC	0.60	U	0.60	2.20	ug/kg
58-89-9	gamma-BHC (Lindane)	0.24	U	0.24	2.20	ug/kg
76-44-8	Heptachlor	0.22	U	0.22	2.20	ug/kg
309-00-2	Aldrin	0.18	U	0.18	2.20	ug/kg
1024-57-3	Heptachlor epoxide	0.29	U	0.29	2.20	ug/kg
959-98-8	Endosulfan I	0.22	U	0.22	2.20	ug/kg
60-57-1	Dieldrin	0.19	U	0.19	2.20	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.20	ug/kg
72-20-8	Endrin	0.20	U	0.20	2.20	ug/kg
33213-65-9	Endosulfan II	0.38	U	0.38	2.20	ug/kg
72-54-8	4,4-DDD	0.24	U	0.24	2.20	ug/kg
1031-07-8	Endosulfan Sulfate	0.17	U	0.17	2.20	ug/kg
50-29-3	4,4-DDT	0.22	U	0.22	2.20	ug/kg
72-43-5	Methoxychlor	0.48	U	0.48	2.20	ug/kg
53494-70-5	Endrin ketone	0.28	U	0.28	2.20	ug/kg
7421-93-4	Endrin aldehyde	0.50	U	0.50	2.20	ug/kg
5103-71-9	alpha-Chlordane	0.22	U	0.22	2.20	ug/kg
5103-74-2	gamma-Chlordane	0.24	U	0.24	2.20	ug/kg
8001-35-2	Toxaphene	6.70	U	6.70	42.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.5		20 - 144	112%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.4		19 - 148	132%	SPK: 20

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Fax : 908 789 8922

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:	SOIL
Analytical Method:	SW8081	% Solid:	78.4 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094396.D	1	02/25/25 09:03	02/25/25 15:25	PB166855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

Comments:

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E = Value Exceeds Calibration Range
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N = Presumptive Evidence of a Compound
* = Values outside of QC limits
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() = Laboratory InHouse Limit

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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	
Q1421-05	**P001-CLAY-CF01-01MS**	**Water**			**02/24/25**			**02/24/25**
			EPH	NJEPH		02/26/25	02/27/25	
Q1421-06	**P001-CLAY-CF01-01MSD**	**Water**			**02/24/25**			**02/24/25**
			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-CF01-02RE**	**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**

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LAB CHRONICLE

			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
Q1421-10	**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

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Hit Summary Sheet
SW-846

SDG No.: Q1421 **Order ID:** Q1421

Client: Weston Solutions, Inc. **Project ID:** RFP 905

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: 0.000

SAMPLE DATA

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 905	Date Received:	02/27/25
Client Sample ID:	PB166896TB	SDG No.:	Q1421
Lab Sample ID:	PB166896TB	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094437.D	1	02/27/25 09:10	02/27/25 20:54	PB166896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.2		43 - 140	121%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.2		77 - 126	121%	SPK: 20

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 905	Date Received:	02/27/25
Client Sample ID:	PB166896TB	SDG No.:	Q1421
Lab Sample ID:	PB166896TB	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094437.D	1	02/27/25 09:10	02/27/25 20:54	PB166896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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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:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094438.D	1	02/27/25 09:10	02/27/25 21:08	PB166896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.2		43 - 140	126%	SPK: 20
877-09-8	Tetrachloro-m-xylene	25.4	*	77 - 126	127%	SPK: 20

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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:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094438.D	1	02/27/25 09:10	02/27/25 21:08	PB166896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

Alliance TECHNICAL GROUP
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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:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094441.D	1	02/27/25 09:10	02/27/25 21:48	PB166896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.6		43 - 140	128%	SPK: 20
877-09-8	Tetrachloro-m-xylene	27.1	*	77 - 126	136%	SPK: 20

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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:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094441.D	1	02/27/25 09:10	02/27/25 21:48	PB166896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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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-CF01-02RE	SDG No.:	Q1421
Lab Sample ID:	Q1421-08RE	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094461.D	1	02/27/25 09:10	02/28/25 14:47	PB166896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.8		43 - 140	119%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.7	*	77 - 126	134%	SPK: 20

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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-CF01-02RE	SDG No.:	Q1421
Lab Sample ID:	Q1421-08RE	Matrix:	WATER
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094461.D	1	02/27/25 09:10	02/28/25 14:47	PB166896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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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:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094442.D	1	02/27/25 09:10	02/27/25 22:02	PB166896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0061	U	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.014	U	0.014	0.050	ug/L
319-86-8	delta-BHC	0.015	U	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
309-00-2	Aldrin	0.0044	U	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.0050	U	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.0047	U	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.0045	U	0.0045	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.0075	U	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.0092	U	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0035	U	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.0044	U	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0097	U	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.0099	U	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0060	U	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0060	U	0.0060	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	25.4		43 - 140	127%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.9		77 - 126	120%	SPK: 20

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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:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	SPLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094442.D	1	02/27/25 09:10	02/27/25 22:02	PB166896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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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	
			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-CF01-02RE**	**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	
			EPH	NJEPH		02/27/25	02/28/25	
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	

SAMPLE DATA

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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

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

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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

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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

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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-Flurobiphenyl (SURR)	69.5		40 - 140	139%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	40.6		40 - 140	81%	SPK: 50

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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-Flurobiphenyl (SURR)	8.201	8.201	6112214	69.53		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	6566627	40.59		ug/ml

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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

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	Datafile
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

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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

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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

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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-Flurobiphenyl (SURR)	61.8		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	54.1		40 - 140	108%	SPK: 50

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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 (SURR)	7.353	7.353	8613080	60.19		ug/ml
2-Flurobiphenyl (SURR)	8.203	8.203	5429412	61.76		ug/ml
ortho-Terphenyl (SURR)	11.237	11.237	8755655	54.12		ug/ml

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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

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

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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

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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

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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-Flurobiphenyl (SURR)	66.4		40 - 140	133%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	51.4		40 - 140	103%	SPK: 50

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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

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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

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	Datafile
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

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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

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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

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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-Flurobiphenyl (SURR)	56.1		40 - 140	112%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	48.3		40 - 140	97%	SPK: 50

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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 (SURR)	7.352	7.352	7707992	53.86		ug/ml
2-Flurobiphenyl (SURR)	8.202	8.202	4931798	56.1		ug/ml
ortho-Terphenyl (SURR)	11.237	11.237	7809827	48.28		ug/ml

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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

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

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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

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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

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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-Flurobiphenyl (SURR)	52.4		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.2		40 - 140	48%	SPK: 50

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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 (SURR)	7.351	7.351	7126244	49.8		ug/ml
2-Flurobiphenyl (SURR)	8.201	8.201	4606351	52.4		ug/ml
ortho-Terphenyl (SURR)	11.233	11.233	3917944	24.22		ug/ml

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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

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	Datafile
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

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Fax : 908 789 8922

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

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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

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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-Flurobiphenyl (SURR)	54.2		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.0		40 - 140	92%	SPK: 50

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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 (SURR)	7.352	7.352	7587165	53.02		ug/ml
2-Flurobiphenyl (SURR)	8.202	8.202	4761886	54.17		ug/ml
ortho-Terphenyl (SURR)	11.236	11.236	7448477	46.04		ug/ml

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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

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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

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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-Flurobiphenyl (SURR)	63.2		40 - 140	126%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	56.0		40 - 140	112%	SPK: 50

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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-Flurobiphenyl (SURR)	8.202	8.202	5555151	63.19		ug/ml
ortho-Terphenyl (SURR)	11.237	11.237	9067534	56.05		ug/ml

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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-CF01-02RE**	**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	

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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

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Hit Summary Sheet
SW-846

SDG No.: Q1421 **Order ID:** Q1421

Client: Weston Solutions, Inc. **Project ID:** RFP 905

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : P001-CLAY-CF01-01								
Q1421-01	P001-CLAY-CF01-01	SOIL	Aluminum	6910		3.12	6.47	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Arsenic	13.9		0.38	1.29	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Barium	53.2		0.83	6.47	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Beryllium	1.43		0.016	0.39	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Calcium	4470		3.62	129	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Chromium	15.4		0.070	0.65	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Cobalt	9.63		0.075	1.94	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Copper	17.4		0.61	1.29	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Iron	70100	D	6.96	12.9	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Lead	14.4		0.19	0.78	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Magnesium	3020		4.44	129	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Manganese	492		0.092	1.29	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Mercury	0.030		0.0090	0.020	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Nickel	20.5		0.12	2.59	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Potassium	3070		37.1	129	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Sodium	102	J	46.7	129	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Thallium	5.31		0.57	2.59	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Vanadium	23.4		0.35	2.59	mg/Kg
Q1421-01	P001-CLAY-CF01-01	SOIL	Zinc	72.9		0.14	2.59	mg/Kg
Client ID : P001-CLAY-CF01-02								
Q1421-07	P001-CLAY-CF01-02	SOIL	Aluminum	6620		2.77	5.76	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Arsenic	16.9		0.33	1.15	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Barium	47.6		0.74	5.76	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Beryllium	1.55		0.014	0.35	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Calcium	4480		3.22	115	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Chromium	15.5		0.062	0.58	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Cobalt	11.0		0.067	1.73	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Copper	21.6		0.54	1.15	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Iron	77800	D	6.19	11.5	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Lead	17.1		0.17	0.69	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Magnesium	3070		3.95	115	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Manganese	593		0.082	1.15	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Nickel	25.1		0.10	2.30	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Potassium	2180		33.0	115	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Sodium	104	J	41.6	115	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Thallium	5.27		0.51	2.30	mg/Kg
Q1421-07	P001-CLAY-CF01-02	SOIL	Vanadium	25.6		0.31	2.30	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: Q1421 **Order ID:** Q1421

Client: Weston Solutions, Inc. **Project ID:** RFP 905

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1421-07	P001-CLAY-CF01-02	SOIL	Zinc	80.4		0.13	2.30	mg/Kg
Client ID :	**P001-CLAY-CF02-01**							
Q1421-09	P001-CLAY-CF02-01	SOIL	Aluminum	5940		2.77	5.75	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Arsenic	14.3		0.33	1.15	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Barium	41.8		0.74	5.75	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Beryllium	1.35		0.014	0.35	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Calcium	3290		3.22	115	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Chromium	15.3		0.062	0.57	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Cobalt	8.47		0.067	1.72	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Copper	17.8		0.54	1.15	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Iron	55100		3.09	5.75	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Lead	13.9		0.17	0.69	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Magnesium	2510		3.94	115	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Manganese	392		0.082	1.15	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Nickel	18.8		0.10	2.30	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Potassium	1920		33.0	115	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Sodium	79.7	J	41.5	115	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Thallium	4.39		0.51	2.30	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Vanadium	22.8		0.31	2.30	mg/Kg
Q1421-09	P001-CLAY-CF02-01	SOIL	Zinc	65.2		0.13	2.30	mg/Kg

SAMPLE DATA

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

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:	SOIL
Level (low/med):	low	% Solid:	70.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6910		1	3.12	6.47	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-36-0	Antimony	0.19	UN	1	0.19	3.23	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-38-2	Arsenic	13.9		1	0.38	1.29	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-39-3	Barium	53.2		1	0.83	6.47	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-41-7	Beryllium	1.43		1	0.016	0.39	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-43-9	Cadmium	0.021	U	1	0.021	0.39	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-70-2	Calcium	4470		1	3.62	129	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-47-3	Chromium	15.4		1	0.070	0.65	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-48-4	Cobalt	9.63		1	0.075	1.94	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-50-8	Copper	17.4		1	0.61	1.29	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7439-89-6	Iron	70100	D	2	6.96	12.9	mg/Kg	02/25/25 10:05	03/10/25 16:56	SW6010	SW3050
7439-92-1	Lead	14.4		1	0.19	0.78	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7439-95-4	Magnesium	3020		1	4.44	129	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7439-96-5	Manganese	492		1	0.092	1.29	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7439-97-6	Mercury	0.030	N	1	0.0090	0.020	mg/Kg	02/25/25 13:30	02/26/25 12:02	SW7471B	
7440-02-0	Nickel	20.5		1	0.12	2.59	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-09-7	Potassium	3070		1	37.1	129	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7782-49-2	Selenium	0.43	UN	1	0.43	1.29	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-22-4	Silver	0.067	UN	1	0.067	0.65	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-23-5	Sodium	102	J	1	46.7	129	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-28-0	Thallium	5.31		1	0.57	2.59	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-62-2	Vanadium	23.4		1	0.35	2.59	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050
7440-66-6	Zinc	72.9		1	0.14	2.59	mg/Kg	02/25/25 10:05	03/10/25 14:36	SW6010	SW3050

Color Before:	Black	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS TAL+CN				

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

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

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

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:	SOIL
Level (low/med):	low	% Solid:	75.2

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6620		1	2.77	5.76	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-36-0	Antimony	0.17	UN	1	0.17	2.88	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-38-2	Arsenic	16.9		1	0.33	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-39-3	Barium	47.6		1	0.74	5.76	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-41-7	Beryllium	1.55		1	0.014	0.35	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-43-9	Cadmium	0.018	U	1	0.018	0.35	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-70-2	Calcium	4480		1	3.22	115	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-47-3	Chromium	15.5		1	0.062	0.58	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-48-4	Cobalt	11.0		1	0.067	1.73	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-50-8	Copper	21.6		1	0.54	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7439-89-6	Iron	77800	D	2	6.19	11.5	mg/Kg	02/25/25 10:05	03/10/25 17:21	SW6010	SW3050
7439-92-1	Lead	17.1		1	0.17	0.69	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7439-95-4	Magnesium	3070		1	3.95	115	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7439-96-5	Manganese	593		1	0.082	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7439-97-6	Mercury	0.0080	UN	1	0.0080	0.018	mg/Kg	02/25/25 13:30	02/26/25 12:23	SW7471B	
7440-02-0	Nickel	25.1		1	0.10	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-09-7	Potassium	2180		1	33.0	115	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7782-49-2	Selenium	0.38	UN	1	0.38	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-22-4	Silver	0.12	UDN	2	0.12	1.15	mg/Kg	02/25/25 10:05	03/10/25 17:21	SW6010	SW3050
7440-23-5	Sodium	104	J	1	41.6	115	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-28-0	Thallium	5.27		1	0.51	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-62-2	Vanadium	25.6		1	0.31	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050
7440-66-6	Zinc	80.4		1	0.13	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:10	SW6010	SW3050

Color Before:	Black	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS TAL+CN				

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

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

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

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:	SOIL
Level (low/med):	low	% Solid:	78.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	5940		1	2.77	5.75	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-36-0	Antimony	0.17	UN	1	0.17	2.87	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-38-2	Arsenic	14.3		1	0.33	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-39-3	Barium	41.8		1	0.74	5.75	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-41-7	Beryllium	1.35		1	0.014	0.35	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-43-9	Cadmium	0.018	U	1	0.018	0.35	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-70-2	Calcium	3290		1	3.22	115	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-47-3	Chromium	15.3		1	0.062	0.57	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-48-4	Cobalt	8.47		1	0.067	1.72	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-50-8	Copper	17.8		1	0.54	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7439-89-6	Iron	55100		1	3.09	5.75	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7439-92-1	Lead	13.9		1	0.17	0.69	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7439-95-4	Magnesium	2510		1	3.94	115	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7439-96-5	Manganese	392		1	0.082	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7439-97-6	Mercury	0.0070	UN	1	0.0070	0.017	mg/Kg	02/25/25 13:30	02/26/25 12:26	SW7471B	
7440-02-0	Nickel	18.8		1	0.10	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-09-7	Potassium	1920		1	33.0	115	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7782-49-2	Selenium	0.38	UN	1	0.38	1.15	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-22-4	Silver	0.060	UN	1	0.060	0.57	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-23-5	Sodium	79.7	J	1	41.5	115	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-28-0	Thallium	4.39		1	0.51	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-62-2	Vanadium	22.8		1	0.31	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050
7440-66-6	Zinc	65.2		1	0.13	2.30	mg/Kg	02/25/25 10:05	03/10/25 15:14	SW6010	SW3050

Color Before:	Black	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	
Comments:	METALS TAL+CN				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
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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**
			Mercury	7471B		02/25/25	02/26/25	
			Metals ICP-TAL	6010D		02/25/25	03/10/25	
Q1421-07	**P001-CLAY-CF01-02**	**SOIL**			**02/24/25**			**02/24/25**
			Mercury	7471B		02/25/25	02/26/25	
			Metals ICP-TAL	6010D		02/25/25	03/10/25	
Q1421-09	**P001-CLAY-CF02-01**	**SOIL**			**02/24/25**			**02/24/25**
			Mercury	7471B		02/25/25	02/26/25	
			Metals ICP-TAL	6010D		02/25/25	03/10/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q1421 **Order ID:** Q1421

Client: Weston Solutions, Inc. **Project ID:** RFP 905

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : P001-CLAY-CF01-01								
Q1421-04	P001-CLAY-CF01-01	Water	Aluminum	142		28.3	50.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Barium	52.3		6.28	50.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Beryllium	0.61	J	0.13	3.00	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Calcium	21200		33.0	1000	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Cobalt	12.6	J	0.50	15.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Copper	9.80	J	7.07	10.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Iron	40600		18.5	50.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Magnesium	4480		39.4	1000	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Manganese	897		1.46	10.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Nickel	28.8		0.85	20.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Potassium	1820		685	1000	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Sodium	956	J	237	1000	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Thallium	3.07	J	2.32	20.0	ug/L
Q1421-04	P001-CLAY-CF01-01	Water	Zinc	78.1		1.75	20.0	ug/L
Client ID : P001-CLAY-CF01-02								
Q1421-08	P001-CLAY-CF01-02	Water	Aluminum	123		28.3	50.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Arsenic	4.98	J	3.48	10.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Barium	93.3		6.28	50.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Beryllium	0.38	J	0.13	3.00	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Calcium	18000		33.0	1000	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Cobalt	1.85	J	0.50	15.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Copper	11.5		7.07	10.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Iron	24500		18.5	50.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Magnesium	2850		39.4	1000	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Manganese	405		1.46	10.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Nickel	6.06	J	0.85	20.0	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Potassium	2560		685	1000	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Sodium	1990		237	1000	ug/L
Q1421-08	P001-CLAY-CF01-02	Water	Zinc	72.2		1.75	20.0	ug/L
Client ID : P001-CLAY-CF02-01								
Q1421-10	P001-CLAY-CF02-01	Water	Aluminum	316		28.3	50.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Arsenic	3.59	J	3.48	10.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Barium	107		6.28	50.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Beryllium	0.54	J	0.13	3.00	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Calcium	22300		33.0	1000	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Cobalt	2.76	J	0.50	15.0	ug/L

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

Hit Summary Sheet
SW-846

SDG No.: Q1421 **Order ID:** Q1421

Client: Weston Solutions, Inc. **Project ID:** RFP 905

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1421-10	P001-CLAY-CF02-01	Water	Copper	9.43	J	7.07	10.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Iron	31500		18.5	50.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Magnesium	3480		39.4	1000	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Manganese	416		1.46	10.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Nickel	6.01	J	0.85	20.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Potassium	2700		685	1000	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Sodium	1060		237	1000	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Thallium	2.34	J	2.32	20.0	ug/L
Q1421-10	P001-CLAY-CF02-01	Water	Zinc	72.8		1.75	20.0	ug/L

SAMPLE DATA

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

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
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	142		1	28.3	50.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-38-2	Arsenic	3.48	U	1	3.48	10.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-39-3	Barium	52.3		1	6.28	50.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-41-7	Beryllium	0.61	J	1	0.13	3.00	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-70-2	Calcium	21200		1	33.0	1000	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-47-3	Chromium	0.66	U	1	0.66	5.00	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-48-4	Cobalt	12.6	J	1	0.50	15.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-50-8	Copper	9.80	J	1	7.07	10.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7439-89-6	Iron	40600		1	18.5	50.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7439-95-4	Magnesium	4480		1	39.4	1000	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7439-96-5	Manganese	897		1	1.46	10.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	02/27/25 11:05	02/27/25 13:59	SW7470A	
7440-02-0	Nickel	28.8		1	0.85	20.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-09-7	Potassium	1820		1	685	1000	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-23-5	Sodium	956	J	1	237	1000	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-28-0	Thallium	3.07	J	1	2.32	20.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010
7440-66-6	Zinc	78.1		1	1.75	20.0	ug/L	02/26/25 12:05	03/11/25 11:38	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	SPLP ICP Metals				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
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N =Spiked sample recovery not within control limits

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

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
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	123		1	28.3	50.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-38-2	Arsenic	4.98	J	1	3.48	10.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-39-3	Barium	93.3		1	6.28	50.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-41-7	Beryllium	0.38	J	1	0.13	3.00	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-70-2	Calcium	18000		1	33.0	1000	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-47-3	Chromium	0.66	U	1	0.66	5.00	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-48-4	Cobalt	1.85	J	1	0.50	15.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-50-8	Copper	11.5		1	7.07	10.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7439-89-6	Iron	24500		1	18.5	50.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7439-95-4	Magnesium	2850		1	39.4	1000	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7439-96-5	Manganese	405		1	1.46	10.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	02/27/25 11:05	02/27/25 14:10	SW7470A	
7440-02-0	Nickel	6.06	J	1	0.85	20.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-09-7	Potassium	2560		1	685	1000	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-23-5	Sodium	1990		1	237	1000	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-28-0	Thallium	2.32	U	1	2.32	20.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010
7440-66-6	Zinc	72.2		1	1.75	20.0	ug/L	02/26/25 12:05	03/10/25 14:28	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	SPLP ICP Metals				

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N =Spiked sample recovery not within control limits

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

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
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	316		1	28.3	50.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-36-0	Antimony	2.06	U	1	2.06	25.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-38-2	Arsenic	3.59	J	1	3.48	10.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-39-3	Barium	107		1	6.28	50.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-41-7	Beryllium	0.54	J	1	0.13	3.00	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-43-9	Cadmium	0.094	U	1	0.094	3.00	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-70-2	Calcium	22300		1	33.0	1000	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-47-3	Chromium	0.66	U	1	0.66	5.00	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-48-4	Cobalt	2.76	J	1	0.50	15.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-50-8	Copper	9.43	J	1	7.07	10.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7439-89-6	Iron	31500		1	18.5	50.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7439-92-1	Lead	3.51	U	1	3.51	6.00	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7439-95-4	Magnesium	3480		1	39.4	1000	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7439-96-5	Manganese	416		1	1.46	10.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7439-97-6	Mercury	0.081	U	1	0.081	0.20	ug/L	02/27/25 11:05	02/27/25 14:17	SW7470A	
7440-02-0	Nickel	6.01	J	1	0.85	20.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-09-7	Potassium	2700		1	685	1000	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7782-49-2	Selenium	5.88	U	1	5.88	10.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-22-4	Silver	0.58	U	1	0.58	5.00	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-23-5	Sodium	1060		1	237	1000	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-28-0	Thallium	2.34	J	1	2.32	20.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-62-2	Vanadium	3.06	U	1	3.06	20.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010
7440-66-6	Zinc	72.8		1	1.75	20.0	ug/L	02/26/25 12:05	03/10/25 14:32	SW6010	SW3010

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	SPLP ICP Metals				

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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**
			Mercury	7471B		02/25/25	02/26/25	
			Metals ICP-TAL	6010D		02/25/25	03/10/25	
Q1421-04	**P001-CLAY-CF01-01**	**Water**			**02/24/25**			**02/24/25**
			SPLP ICP Metals	6010D		02/26/25	03/11/25	
			SPLP Mercury	7470A		02/27/25	02/27/25	
Q1421-07	**P001-CLAY-CF01-02**	**SOIL**			**02/24/25**			**02/24/25**
			Mercury	7471B		02/25/25	02/26/25	
			Metals ICP-TAL	6010D		02/25/25	03/10/25	
Q1421-08	**P001-CLAY-CF01-02**	**Water**			**02/24/25**			**02/24/25**
			SPLP ICP Metals	6010D		02/26/25	03/10/25	
			SPLP Mercury	7470A		02/27/25	02/27/25	
Q1421-09	**P001-CLAY-CF02-01**	**SOIL**			**02/24/25**			**02/24/25**
			Mercury	7471B		02/25/25	02/26/25	
			Metals ICP-TAL	6010D		02/25/25	03/10/25	
Q1421-10	**P001-CLAY-CF02-01**	**Water**			**02/24/25**			**02/24/25**
			SPLP ICP Metals	6010D		02/26/25	03/10/25	
			SPLP Mercury	7470A		02/27/25	02/27/25	

SAMPLE DATA

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25 09:40
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-01	Matrix:	SOIL
		% Solid:	70.3

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.097	J	1	0.061	0.35	mg/Kg	02/25/25 09:00	02/25/25 13:31	9012B

Comments:

U = Not Detected
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Q = indicates LCS control criteria did not meet requirements
H = Sample Analysis Out Of Hold Time

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N =Spiked sample recovery not within control limits

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25 09:40
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
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0024	U	1	0.0024	0.0050	mg/L	02/27/25 08:00	02/27/25 10:55	9012B

Comments:

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Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25 09:50
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-02	SDG No.:	Q1421
Lab Sample ID:	Q1421-07	Matrix:	SOIL
		% Solid:	75.2

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.13	J	1	0.057	0.32	mg/Kg	02/25/25 09:00	02/25/25 13:36	9012B

Comments:

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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25 09:50
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
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0024	U	1	0.0024	0.0050	mg/L	02/27/25 08:00	02/27/25 11:02	9012B

Comments:

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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25 10:00
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF02-01	SDG No.:	Q1421
Lab Sample ID:	Q1421-09	Matrix:	SOIL
		% Solid:	78.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.081	J	1	0.055	0.31	mg/Kg	02/25/25 09:00	02/25/25 13:36	9012B

Comments:

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LOD = Limit of Detection
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284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25 10:00
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
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Cyanide	0.0024	U	1	0.0024	0.0050	mg/L	02/27/25 08:00	02/27/25 11:02	9012B

Comments:

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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 09:40**			**02/24/25**
			Cyanide	9012B		02/25/25	02/25/25 13:31	
Q1421-04	**P001-CLAY-CF01-01**	**WATER**			**02/24/25 09:40**			**02/24/25**
			SPLP Cyanide	9012B		02/27/25	02/27/25 10:55	
Q1421-07	**P001-CLAY-CF01-02**	**SOIL**			**02/24/25 09:50**			**02/24/25**
			Cyanide	9012B		02/25/25	02/25/25 13:36	
Q1421-08	**P001-CLAY-CF01-02**	**WATER**			**02/24/25 09:50**			**02/24/25**
			SPLP Cyanide	9012B		02/27/25	02/27/25 11:02	
Q1421-09	**P001-CLAY-CF02-01**	**SOIL**			**02/24/25 10:00**			**02/24/25**
			Cyanide	9012B		02/25/25	02/25/25 13:36	
Q1421-10	**P001-CLAY-CF02-01**	**WATER**			**02/24/25 10:00**			**02/24/25**
			SPLP Cyanide	9012B		02/27/25	02/27/25 11:02	