



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

Hit Summary Sheet
SW-846

SDG No.: P5117
Client: Weston Solutions

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID:	TAPIAL2-IDW-SOIL-120424-00-T2								
P5117-02	TAPIAL2-IDW-SOIL	TCLP	2-Butanone	5.10	J	1.30	2.50	25.0	ug/L
			Total Voc :	5.10					
			Total Concentration:	5.10					



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/04/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/05/24
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2	SDG No.:	P5117
Lab Sample ID:	P5117-02	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085151.D	1		12/09/24 14:35	VN120924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
75-01-4	Vinyl Chloride	0.75	U	0.34	0.75	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.75	U	0.26	0.75	5.00	ug/L
78-93-3	2-Butanone	5.10	J	1.30	2.50	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.50	U	0.25	0.50	5.00	ug/L
67-66-3	Chloroform	0.50	U	0.26	0.50	5.00	ug/L
71-43-2	Benzene	0.50	U	0.16	0.50	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.75	U	0.24	0.75	5.00	ug/L
79-01-6	Trichloroethene	0.75	U	0.32	0.75	5.00	ug/L
127-18-4	Tetrachloroethene	0.50	U	0.25	0.50	5.00	ug/L
108-90-7	Chlorobenzene	0.50	U	0.13	0.50	5.00	ug/L
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.4		81 - 118		107%	SPK: 50
1868-53-7	Dibromofluoromethane	48.9		80 - 119		98%	SPK: 50
2037-26-5	Toluene-d8	50.4		89 - 112		101%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.8		85 - 114		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	133000	8.224				
540-36-3	1,4-Difluorobenzene	246000	9.1				
3114-55-4	Chlorobenzene-d5	222000	11.865				
3855-82-1	1,4-Dichlorobenzene-d4	85700	13.794				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



LAB CHRONICLE

OrderID:	P5117	OrderDate:	12/5/2024 10:55:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5117-02	TAPIAL2-IDW-SOIL-1 20424-00-T2	TCLP	TCLP VOA	8260D	12/04/24		12/09/24	12/05/24



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A
B
C
D

Hit Summary Sheet
SW-846

SDG No.: P5117
Client: Weston Solutions

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID :				0.000					
Total Svoc :					0.00				
Total Concentration:					0.00				



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/05/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/05/24
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2	SDG No.:	P5117
Lab Sample ID:	P5117-02	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF140790.D	1	12/06/24 10:45	12/09/24 15:29	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	40.0	U	15.5	40.0	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	40.0	U	8.40	40.0	50.0	ug/L
95-48-7	2-Methylphenol	40.0	U	11.3	40.0	50.0	ug/L
65794-96-9	3+4-Methylphenols	80.0	U	11.5	80.0	100	ug/L
67-72-1	Hexachloroethane	40.0	U	10.1	40.0	50.0	ug/L
98-95-3	Nitrobenzene	40.0	U	12.7	40.0	50.0	ug/L
87-68-3	Hexachlorobutadiene	40.0	U	12.7	40.0	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	40.0	U	8.90	40.0	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	40.0	U	10.1	40.0	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	40.0	U	15.2	40.0	50.0	ug/L
118-74-1	Hexachlorobenzene	40.0	U	11.4	40.0	50.0	ug/L
87-86-5	Pentachlorophenol	80.0	U	18.5	80.0	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127		19 - 119		85%	SPK: 150
13127-88-3	Phenol-d6	117		10 - 130		78%	SPK: 150
4165-60-0	Nitrobenzene-d5	89.3		44 - 120		89%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.9		44 - 119		94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		43 - 140		92%	SPK: 150
1718-51-0	Terphenyl-d14	93.1		50 - 134		93%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73900	6.863				
1146-65-2	Naphthalene-d8	273000	8.145				
15067-26-2	Acenaphthene-d10	146000	9.898				
1517-22-2	Phenanthrene-d10	269000	11.392				
1719-03-5	Chrysene-d12	150000	14.045				
1520-96-3	Perylene-d12	153000	15.551				

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/05/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/05/24
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2	SDG No.:	P5117
Lab Sample ID:	P5117-02	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF140790.D	1	12/06/24 10:45	12/09/24 15:29	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/06/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/06/24
Client Sample ID:	PB165390TB	SDG No.:	P5117
Lab Sample ID:	PB165390TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF140789.D	1	12/06/24 10:45	12/09/24 14:58	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
110-86-1	Pyridine	40.0	U	15.5	40.0	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	40.0	U	8.40	40.0	50.0	ug/L
95-48-7	2-Methylphenol	40.0	U	11.3	40.0	50.0	ug/L
65794-96-9	3+4-Methylphenols	80.0	U	11.5	80.0	100	ug/L
67-72-1	Hexachloroethane	40.0	U	10.1	40.0	50.0	ug/L
98-95-3	Nitrobenzene	40.0	U	12.7	40.0	50.0	ug/L
87-68-3	Hexachlorobutadiene	40.0	U	12.7	40.0	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	40.0	U	8.90	40.0	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	40.0	U	10.1	40.0	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	40.0	U	15.2	40.0	50.0	ug/L
118-74-1	Hexachlorobenzene	40.0	U	11.4	40.0	50.0	ug/L
87-86-5	Pentachlorophenol	80.0	U	18.5	80.0	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	149		19 - 119		100%	SPK: 150
13127-88-3	Phenol-d6	147		10 - 130		98%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.3		44 - 120		98%	SPK: 100
321-60-8	2-Fluorobiphenyl	101		44 - 119		101%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		43 - 140		102%	SPK: 150
1718-51-0	Terphenyl-d14	90.7		50 - 134		91%	SPK: 100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81900	6.863				
1146-65-2	Naphthalene-d8	312000	8.145				
15067-26-2	Acenaphthene-d10	173000	9.898				
1517-22-2	Phenanthrene-d10	343000	11.392				
1719-03-5	Chrysene-d12	239000	14.045				
1520-96-3	Perylene-d12	186000	15.545				

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/06/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/06/24
Client Sample ID:	PB165390TB	SDG No.:	P5117
Lab Sample ID:	PB165390TB	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
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
BF140789.D	1	12/06/24 10:45	12/09/24 14:58	PB165435

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



LAB CHRONICLE

OrderID:	P5117	OrderDate:	12/5/2024 10:55:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5117-02	TAPIAL2-IDW-SOIL-1 20424-00-T2	TCLP	TCLP BNA	8270E	12/05/24	12/06/24	12/09/24	12/05/24



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Hit Summary Sheet
SW-846

SDG No.: P5117

Order ID: P5117

Client: Weston Solutions

Project ID: Ft Meade Tipton Airfield Parcel RI - P

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

Total Concentration: 0.000

A

B

C

D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions		Date Collected:	12/05/24	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169		Date Received:	12/05/24	
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2		SDG No.:	P5117	
Lab Sample ID:	P5117-02		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD087067.D	1	12/06/24 10:50	12/06/24 17:15	PB165454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
58-89-9	gamma-BHC (Lindane)	0.25	U	0.049	0.25	0.50	ug/L
76-44-8	Heptachlor	0.25	U	0.054	0.25	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.25	U	0.090	0.25	0.50	ug/L
72-20-8	Endrin	0.10	U	0.043	0.10	0.50	ug/L
72-43-5	Methoxychlor	0.25	U	0.11	0.25	0.50	ug/L
8001-35-2	Toxaphene	5.00	U	1.50	5.00	10.0	ug/L
57-74-9	Chlordane	2.50	U	0.82	2.50	5.00	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	19.3		30 - 135		97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.8		44 - 124		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

Report of Analysis

Client:	Weston Solutions		Date Collected:		
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169		Date Received:	12/06/24	
Client Sample ID:	PB165390TB		SDG No.:	P5117	
Lab Sample ID:	PB165390TB		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD087066.D	1	12/06/24 10:50	12/06/24 17:02	PB165454

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
58-89-9	gamma-BHC (Lindane)	0.25	U	0.049	0.25	0.50	ug/L
76-44-8	Heptachlor	0.25	U	0.054	0.25	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.25	U	0.090	0.25	0.50	ug/L
72-20-8	Endrin	0.10	U	0.043	0.10	0.50	ug/L
72-43-5	Methoxychlor	0.25	U	0.11	0.25	0.50	ug/L
8001-35-2	Toxaphene	5.00	U	1.50	5.00	10.0	ug/L
57-74-9	Chlordane	2.50	U	0.82	2.50	5.00	ug/L
SURROGATES							
2051-24-3	Decachlorobiphenyl	18.5		30 - 135		92%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.8		44 - 124		99%	SPK: 20

Comments:

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LAB CHRONICLE

OrderID:	P5117	OrderDate:	12/5/2024 10:55:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5117-02	TAPIAL2-IDW-SOIL-1 20424-00-T2	SOIL			12/05/24			12/05/24
			PCB	8082A		12/06/24	12/06/24	
			TCLP Herbicide	8151A		12/06/24	12/06/24	
			TCLP Pesticide	8081B		12/06/24	12/06/24	



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Hit Summary Sheet
SW-846

SDG No.:P5117

Order ID:P5117

Client:Weston Solutions

Project ID:Ft Meade Tipton Airfield Parcel RI - P

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

Total Concentration:0.000



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions		Date Collected:	12/05/24	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169		Date Received:	12/05/24	
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2		SDG No.:	P5117	
Lab Sample ID:	P5117-02		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	79.8	Decanted:
Sample Wt/Vol:	30.09	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
PP068844.D	1	12/06/24 08:25	12/06/24 13:58	PB165421

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.4	U	4.20	10.4	21.2	ug/kg
11104-28-2	Aroclor-1221	16.2	U	8.00	16.2	21.2	ug/kg
11141-16-5	Aroclor-1232	16.2	U	4.20	16.2	21.2	ug/kg
53469-21-9	Aroclor-1242	10.4	U	4.20	10.4	21.2	ug/kg
12672-29-6	Aroclor-1248	16.2	U	9.90	16.2	21.2	ug/kg
11097-69-1	Aroclor-1254	16.2	U	3.40	16.2	21.2	ug/kg
37324-23-5	Aroclor-1262	10.4	U	5.70	10.4	21.2	ug/kg
11100-14-4	Aroclor-1268	16.2	U	4.30	16.2	21.2	ug/kg
11096-82-5	Aroclor-1260	10.4	U	3.60	10.4	21.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.0		44 - 130		110%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		60 - 125		98%	SPK: 20

Comments:

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LAB CHRONICLE

OrderID:	P5117	OrderDate:	12/5/2024 10:55:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5117-02	TAPIAL2-IDW-SOIL-1 20424-00-T2	SOIL			12/05/24			12/05/24
			PCB	8082A		12/06/24	12/06/24	



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Hit Summary Sheet
SW-846

SDG No.: P5117

Order ID: P5117

Client: Weston Solutions

Project ID: Ft Meade Tipton Airfield Parcel RI - P

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
-----------	-----------	--------	-----------	---------------	---	-----	-----	-----	-------

Client ID :

Total Concentration: 0.000

A

B

C

D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions		Date Collected:	12/05/24	
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169		Date Received:	12/05/24	
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2		SDG No.:	P5117	
Lab Sample ID:	P5117-02		Matrix:	TCLP	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028720.D	1	12/06/24 10:45	12/06/24 16:32	PB165455

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
94-75-7	2,4-D	15.0	U	4.90	15.0	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	15.0	UM	4.50	15.0	20.0	ug/L
SURROGATES							
19719-28-9	2,4-DCAA	350		32 - 138		70%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Weston Solutions		Date Collected:		
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169		Date Received:	12/06/24	
Client Sample ID:	PB165390TB		SDG No.:	P5117	
Lab Sample ID:	PB165390TB		Matrix:	TCLP	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS028725.D	1	12/06/24 10:45	12/06/24 18:32	PB165455

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
94-75-7	2,4-D	15.0	U	4.90	15.0	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	15.0	U	4.50	15.0	20.0	ug/L
SURROGATES							
19719-28-9	2,4-DCAA	264		32 - 138		53%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



LAB CHRONICLE

OrderID:	P5117	OrderDate:	12/5/2024 10:55:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5117-02	TAPIAL2-IDW-SOIL-1 20424-00-T2	SOIL			12/05/24			12/05/24
			PCB	8082A		12/06/24	12/06/24	
			TCLP Herbicide	8151A		12/06/24	12/06/24	



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

Hit Summary Sheet
SW-846

SDG No.:	P5117	Order ID:	P5117
Client:	Weston Solutions	Project ID:	Ft Meade Tipton Airfield Parcel RI - PO 01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TAPIAL2-IDW-SOIL-120424-00-T2									
P5117-02	TAPIAL2-IDW-SOIL-120424-00	TCLP	Barium	841		62.8	125	500	ug/L
P5117-02	TAPIAL2-IDW-SOIL-120424-00	TCLP	Chromium	23.2	J	6.60	25.0	50.0	ug/L



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/04/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/05/24
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2	SDG No.:	P5117
Lab Sample ID:	P5117-02	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	80.0	U	1	34.8	80.0	100	ug/L	12/06/24 11:10	12/09/24 14:14	SW6010	SW3050
7440-39-3	Barium	841	N	1	62.8	125	500	ug/L	12/06/24 11:10	12/09/24 14:14	SW6010	SW3050
7440-43-9	Cadmium	7.50	U	1	0.94	7.50	30.0	ug/L	12/06/24 11:10	12/09/24 14:14	SW6010	SW3050
7440-47-3	Chromium	23.2	J	1	6.60	25.0	50.0	ug/L	12/06/24 11:10	12/09/24 14:14	SW6010	SW3050
7439-92-1	Lead	48.0	U	1	35.1	48.0	60.0	ug/L	12/06/24 11:10	12/09/24 14:14	SW6010	SW3050
7439-97-6	Mercury	1.60	U	1	0.81	1.60	2.00	ug/L	12/09/24 08:55	12/09/24 12:37	SW7470A	
7782-49-2	Selenium	80.0	U	1	58.8	80.0	100	ug/L	12/06/24 11:10	12/09/24 14:14	SW6010	SW3050
7440-22-4	Silver	25.0	U	1	5.80	25.0	50.0	ug/L	12/06/24 11:10	12/09/24 14:14	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP METALS			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N = Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	P5117	OrderDate:	12/5/2024 10:55:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5117-01	TAPIAL3-SB04I-10-12 0324-00-T1	SOIL			12/03/24			12/05/24
			Mercury	7471B		12/06/24	12/06/24	
			Metals ICP-TAL	6020B		12/18/24	12/19/24	
P5117-02	TAPIAL2-IDW-SOIL-1 20424-00-T2	TCLP			12/04/24			12/05/24
			TCLP ICP Metals	6010D		12/06/24	12/09/24	
			TCLP Mercury	7470A		12/09/24	12/09/24	

Hit Summary Sheet SW-846

SDG No.: P5117

Order ID: P5117

Client: Weston Solutions

Project ID: Ft Meade Tipton Airfield Parcel RI - PO 01

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : TAPIAL3-SB04I-10-120324-00-T1									
P5117-01	TAPIAL3-SB04I-10-120324-00-	SOIL	Aluminum	37.6	D	2.08	3.71	7.41	mg/Kg
P5117-01	TAPIAL3-SB04I-10-120324-00-	SOIL	Antimony	0.037	JD	0.037	0.28	0.74	mg/Kg
P5117-01	TAPIAL3-SB04I-10-120324-00-	SOIL	Arsenic	0.033	JD	0.033	0.093	0.37	mg/Kg
P5117-01	TAPIAL3-SB04I-10-120324-00-	SOIL	Barium	1.46	JD	0.14	0.46	3.71	mg/Kg
P5117-01	TAPIAL3-SB04I-10-120324-00-	SOIL	Chromium	0.28	JD	0.089	0.19	0.74	mg/Kg
P5117-01	TAPIAL3-SB04I-10-120324-00-	SOIL	Cobalt	0.030	JD	0.030	0.093	0.37	mg/Kg
P5117-01	TAPIAL3-SB04I-10-120324-00-	SOIL	Iron	71.1	D	4.11	4.63	18.5	mg/Kg
P5117-01	TAPIAL3-SB04I-10-120324-00-	SOIL	Lead	0.19	JD	0.056	0.28	0.37	mg/Kg
P5117-01	TAPIAL3-SB04I-10-120324-00-	SOIL	Manganese	0.60	D	0.13	0.19	0.37	mg/Kg
P5117-01	TAPIAL3-SB04I-10-120324-00-	SOIL	Vanadium	0.30	JD	0.030	0.093	1.85	mg/Kg



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/03/24
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/05/24
Client Sample ID:	TAPIAL3-SB04I-10-120324-00-T1	SDG No.:	P5117
Lab Sample ID:	P5117-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	95.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	37.6	D	5	2.08	3.71	7.41	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-36-0	Antimony	0.037	JDN	5	0.037	0.28	0.74	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-38-2	Arsenic	0.033	JDN	5	0.033	0.093	0.37	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-39-3	Barium	1.46	JD	5	0.14	0.46	3.71	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-41-7	Beryllium	0.28	UDN	5	0.093	0.28	0.37	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-43-9	Cadmium	0.28	UDN	5	0.10	0.28	0.37	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-70-2	Calcium	70.4	UD	5	25.0	70.4	185	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-47-3	Chromium	0.28	JDN	5	0.089	0.19	0.74	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-48-4	Cobalt	0.030	JDN	5	0.030	0.093	0.37	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-50-8	Copper	0.37	UD	5	0.21	0.37	0.74	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7439-89-6	Iron	71.1	D	5	4.11	4.63	18.5	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7439-92-1	Lead	0.19	JD	5	0.056	0.28	0.37	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7439-95-4	Magnesium	70.4	UD	5	10.0	70.4	185	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7439-96-5	Manganese	0.60	D	5	0.13	0.19	0.37	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7439-97-6	Mercury	0.010	U	1	0.0060	0.010	0.013	mg/Kg	12/06/24 10:15	12/06/24 18:03	SW7471B	
7440-02-0	Nickel	0.093	UDN	5	0.059	0.093	0.37	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-09-7	Potassium	70.4	UD	5	14.7	70.4	185	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7782-49-2	Selenium	1.67	UDN	5	0.45	1.67	1.85	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-22-4	Silver	0.19	UDN	5	0.096	0.19	0.37	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-23-5	Sodium	92.6	UD	5	22.6	92.6	185	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-28-0	Thallium	0.19	UDN	5	0.037	0.19	0.37	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-62-2	Vanadium	0.30	JDN	5	0.030	0.093	1.85	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050
7440-66-6	Zinc	0.56	UD	5	0.48	0.56	1.85	mg/Kg	12/18/24 10:40	12/19/24 16:39	SW6020	SW3050

Color Before:	light Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits



LAB CHRONICLE

OrderID:	P5117	OrderDate:	12/5/2024 10:55:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5117-01	TAPIAL3-SB04I-10-12 0324-00-T1	SOIL			12/03/24			12/05/24
			Mercury	7471B		12/06/24	12/06/24	
			Metals ICP-TAL	6020B		12/18/24	12/19/24	



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/03/24 14:00
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/05/24
Client Sample ID:	TAPIAL3-SB04I-10-120324-00-T1	SDG No.:	P5117
Lab Sample ID:	P5117-01	Matrix:	SOIL
		% Solid:	95.7

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	7.21	H	1	0	0	0	pH		12/06/24 09:30	9045D
TOC	401		1	19.8	50.0	250	mg/Kg		12/06/24 15:34	9060A

Comments: pH result reported at temperature 20.8 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Weston Solutions	Date Collected:	12/04/24 13:00
Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169	Date Received:	12/05/24
Client Sample ID:	TAPIAL2-IDW-SOIL-120424-00-T2	SDG No.:	P5117
Lab Sample ID:	P5117-02	Matrix:	SOIL
		% Solid:	79.8

Parameter	Conc.	Qua.	DF	MDL	LOD	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.25	U	1	0.055	0.25	0.31	mg/Kg	12/07/24 10:00	12/09/24 12:54	9012B
Ignitability	NO		1	0	0	0	oC		12/07/24 08:30	1030
pH	6.41	H	1	0	0	0	pH		12/06/24 09:35	9045D
Sulfide	4.00	J	1	2.33	6.25	12.5	mg/Kg	12/11/24 10:10	12/11/24 14:41	9034

Comments: pH result reported at temperature 20.1 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	P5117	OrderDate:	12/5/2024 10:55:00 AM
Client:	Weston Solutions	Project:	Ft Meade Tipton Airfield Parcel RI - PO 0111169
Contact:	Nathan Fretz	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5117-01	TAPIAL3-SB04I-10-12 0324-00-T1	SOIL			12/03/24 14:00			12/05/24
			pH	9045D			12/06/24 09:30	
			TOC	9060A			12/06/24 15:34	
P5117-02	TAPIAL2-IDW-SOIL-1 20424-00-T2	SOIL			12/04/24 13:00			12/05/24
			Sulfide	9034		12/11/24	12/11/24 14:41	
			Cyanide	9012B		12/07/24	12/09/24 12:54	
			Ignitability	1030			12/07/24 08:30	
			pH	9045D			12/06/24 09:35	