

LAB CHRONICLE

OrderID:	Q3257	OrderDate:	9/30/2025 2:40:01 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3257-01	ENV1-6FT	SOIL	VOC-TCLVOA-10	8260D	09/30/25		10/02/25	09/30/25
Q3257-02	ENV2-6FT	SOIL	VOC-TCLVOA-10	8260D	09/29/25		10/02/25	09/30/25

Hit Summary Sheet
SW-846

SDG No.: Q3257
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q3257-01	ENV1-6FT ENV1-6FT	SOIL	Toluene	1.30	J	0.49	3.10	ug/Kg
			Total Voc :	1.30				
			Total Concentration:	1.30				
Client ID: Q3257-02	ENV2-6FT ENV2-6FT	SOIL	Acetone	17.4		2.40	12.7	ug/Kg
Q3257-02	ENV2-6FT	SOIL	Methylene Chloride	2.60	JQ	1.80	5.10	ug/Kg
			Total Voc :	20.0				
			Total Concentration:	20.0				



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.3
Sample Wt/Vol:	9.45 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:	Date Analyzed	Prep Batch ID
VW032327.D	1	10/02/25 13:13	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.72	U	0.72	3.10	ug/Kg
74-87-3	Chloromethane	0.72	U	0.72	3.10	ug/Kg
75-01-4	Vinyl Chloride	0.50	U	0.50	3.10	ug/Kg
74-83-9	Bromomethane	0.67	U	0.67	3.10	ug/Kg
75-00-3	Chloroethane	0.79	U	0.79	3.10	ug/Kg
75-69-4	Trichlorofluoromethane	0.76	U	0.76	3.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.67	U	0.67	3.10	ug/Kg
75-35-4	1,1-Dichloroethene	0.63	U	0.63	3.10	ug/Kg
67-64-1	Acetone	3.00	U	3.00	15.7	ug/Kg
75-15-0	Carbon Disulfide	0.67	U	0.67	3.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.46	U	0.46	3.10	ug/Kg
79-20-9	Methyl Acetate	0.97	U	0.97	3.10	ug/Kg
75-09-2	Methylene Chloride	2.20	UQ	2.20	6.30	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.54	U	0.54	3.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.50	U	0.50	3.10	ug/Kg
110-82-7	Cyclohexane	0.50	U	0.50	3.10	ug/Kg
78-93-3	2-Butanone	4.10	U	4.10	15.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.61	U	0.61	3.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.47	U	0.47	3.10	ug/Kg
74-97-5	Bromochloromethane	0.72	U	0.72	3.10	ug/Kg
67-66-3	Chloroform	0.53	U	0.53	3.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.58	U	0.58	3.10	ug/Kg
108-87-2	Methylcyclohexane	0.57	U	0.57	3.10	ug/Kg
71-43-2	Benzene	0.50	U	0.50	3.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.50	U	0.50	3.10	ug/Kg
79-01-6	Trichloroethene	0.51	U	0.51	3.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.57	U	0.57	3.10	ug/Kg
75-27-4	Bromodichloromethane	0.49	U	0.49	3.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	2.20	U	2.20	15.7	ug/Kg
108-88-3	Toluene	1.30	J	0.49	3.10	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.3
Sample Wt/Vol:	9.45 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:	Date Analyzed	Prep Batch ID
VW032327.D	1	10/02/25 13:13	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.41	U	0.41	3.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.39	U	0.39	3.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.58	U	0.58	3.10	ug/Kg
591-78-6	2-Hexanone	2.30	U	2.30	15.7	ug/Kg
124-48-1	Dibromochloromethane	0.55	U	0.55	3.10	ug/Kg
106-93-4	1,2-Dibromoethane	0.55	U	0.55	3.10	ug/Kg
127-18-4	Tetrachloroethene	0.66	U	0.66	3.10	ug/Kg
108-90-7	Chlorobenzene	0.57	U	0.57	3.10	ug/Kg
100-41-4	Ethyl Benzene	0.42	U	0.42	3.10	ug/Kg
179601-23-1	m/p-Xylenes	0.78	U	0.78	6.30	ug/Kg
95-47-6	o-Xylene	0.51	U	0.51	3.10	ug/Kg
100-42-5	Styrene	0.45	U	0.45	3.10	ug/Kg
75-25-2	Bromoform	0.54	U	0.54	3.10	ug/Kg
98-82-8	Isopropylbenzene	0.49	U	0.49	3.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.76	U	0.76	3.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.10	U	1.10	3.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.98	U	0.98	3.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.91	U	0.91	3.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.20	U	1.20	3.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.90	U	1.90	3.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	2.00	U	2.00	3.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	67.0		63 - 155	134%	SPK: 50
1868-53-7	Dibromofluoromethane	54.8		70 - 134	110%	SPK: 50
2037-26-5	Toluene-d8	56.8		74 - 123	114%	SPK: 50
460-00-4	4-Bromofluorobenzene	57.5		17 - 146	115%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	187000	7.965			
540-36-3	1,4-Difluorobenzene	416000	8.849			
3114-55-4	Chlorobenzene-d5	436000	11.635			
3855-82-1	1,4-Dichlorobenzene-d4	192000	13.556			

Report of Analysis

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Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
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Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.3
Sample Wt/Vol:	9.45 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:	Date Analyzed	Prep Batch ID
VW032327.D	1	10/02/25 13:13	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.7
Sample Wt/Vol:	11.59 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:	Date Analyzed	Prep Batch ID
VW032328.D	1	10/02/25 13:35	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	0.58	U	0.58	2.50	ug/Kg
74-87-3	Chloromethane	0.58	U	0.58	2.50	ug/Kg
75-01-4	Vinyl Chloride	0.40	U	0.40	2.50	ug/Kg
74-83-9	Bromomethane	0.54	U	0.54	2.50	ug/Kg
75-00-3	Chloroethane	0.64	U	0.64	2.50	ug/Kg
75-69-4	Trichlorofluoromethane	0.62	U	0.62	2.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.54	U	0.54	2.50	ug/Kg
75-35-4	1,1-Dichloroethene	0.51	U	0.51	2.50	ug/Kg
67-64-1	Acetone	17.4		2.40	12.7	ug/Kg
75-15-0	Carbon Disulfide	0.54	U	0.54	2.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.37	U	0.37	2.50	ug/Kg
79-20-9	Methyl Acetate	0.78	U	0.78	2.50	ug/Kg
75-09-2	Methylene Chloride	2.60	JQ	1.80	5.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.44	U	0.44	2.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.41	U	0.41	2.50	ug/Kg
110-82-7	Cyclohexane	0.40	U	0.40	2.50	ug/Kg
78-93-3	2-Butanone	3.30	U	3.30	12.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.49	U	0.49	2.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.38	U	0.38	2.50	ug/Kg
74-97-5	Bromochloromethane	0.59	U	0.59	2.50	ug/Kg
67-66-3	Chloroform	0.43	U	0.43	2.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.47	U	0.47	2.50	ug/Kg
108-87-2	Methylcyclohexane	0.46	U	0.46	2.50	ug/Kg
71-43-2	Benzene	0.40	U	0.40	2.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.40	U	0.40	2.50	ug/Kg
79-01-6	Trichloroethene	0.41	U	0.41	2.50	ug/Kg
78-87-5	1,2-Dichloropropane	0.46	U	0.46	2.50	ug/Kg
75-27-4	Bromodichloromethane	0.40	U	0.40	2.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	1.80	U	1.80	12.7	ug/Kg
108-88-3	Toluene	0.40	U	0.40	2.50	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.7
Sample Wt/Vol:	11.59 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:	Date Analyzed	Prep Batch ID
VW032328.D	1	10/02/25 13:35	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.33	U	0.33	2.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.32	U	0.32	2.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.47	U	0.47	2.50	ug/Kg
591-78-6	2-Hexanone	1.90	U	1.90	12.7	ug/Kg
124-48-1	Dibromochloromethane	0.44	U	0.44	2.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.45	U	0.45	2.50	ug/Kg
127-18-4	Tetrachloroethene	0.53	U	0.53	2.50	ug/Kg
108-90-7	Chlorobenzene	0.46	U	0.46	2.50	ug/Kg
100-41-4	Ethyl Benzene	0.34	U	0.34	2.50	ug/Kg
179601-23-1	m/p-Xylenes	0.63	U	0.63	5.10	ug/Kg
95-47-6	o-Xylene	0.42	U	0.42	2.50	ug/Kg
100-42-5	Styrene	0.36	U	0.36	2.50	ug/Kg
75-25-2	Bromoform	0.44	U	0.44	2.50	ug/Kg
98-82-8	Isopropylbenzene	0.40	U	0.40	2.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.62	U	0.62	2.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.87	U	0.87	2.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.79	U	0.79	2.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.74	U	0.74	2.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.94	U	0.94	2.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1.50	U	1.50	2.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	1.60	U	1.60	2.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	71.2		63 - 155	142%	SPK: 50
1868-53-7	Dibromofluoromethane	57.0		70 - 134	114%	SPK: 50
2037-26-5	Toluene-d8	57.1		74 - 123	114%	SPK: 50
460-00-4	4-Bromofluorobenzene	58.1		17 - 146	116%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	198000	7.965			
540-36-3	1,4-Difluorobenzene	431000	8.849			
3114-55-4	Chlorobenzene-d5	443000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	233000	13.556			

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	84.7
Sample Wt/Vol:	11.59 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:	Date Analyzed	Prep Batch ID
VW032328.D	1	10/02/25 13:35	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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



QC SUMMARY

Surrogate Summary

SDG No.: **Q3257**

Client: **CDM Smith**

Analytical Method: **SW8260D**

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%)	
							Low	High
Q3257-01	ENV1-6FT	1,2-Dichloroethane-d4	50	67.0	134		63	155
		Dibromofluoromethane	50	54.8	110		70	134
		Toluene-d8	50	56.8	114		74	123
		4-Bromofluorobenzene	50	57.5	115		17	146
Q3257-02	ENV2-6FT	1,2-Dichloroethane-d4	50	71.2	142		63	155
		Dibromofluoromethane	50	57.0	114		70	134
		Toluene-d8	50	57.1	114		74	123
		4-Bromofluorobenzene	50	58.1	116		17	146
VW1002SBL01	VW1002SBL01	1,2-Dichloroethane-d4	50	59.9	120		63	155
		Dibromofluoromethane	50	52.7	105		70	134
		Toluene-d8	50	53.3	107		74	123
		4-Bromofluorobenzene	50	50.8	102		17	146
VW1002SBS01	VW1002SBS01	1,2-Dichloroethane-d4	50	52.2	104		63	155
		Dibromofluoromethane	50	50.1	100		70	134
		Toluene-d8	50	51.8	104		74	123
		4-Bromofluorobenzene	50	51.5	103		17	146
VW1002SBSD0	VW1002SBSD01	1,2-Dichloroethane-d4	50	49.3	99		63	155
		Dibromofluoromethane	50	49.7	99		70	134
		Toluene-d8	50	50.2	100		74	123
		4-Bromofluorobenzene	50	49.3	99		17	146

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:	<u>Q3257</u>	SW-846	Analytical Method:	<u>SW8260D</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>VW032324.D</u>	

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW1002SBS01	Dichlorodifluoromethane	20	20.3	ug/Kg	102			64	136	
	Chloromethane	20	21.4	ug/Kg	107			52	151	
	Vinyl chloride	20	22.7	ug/Kg	114			56	148	
	Bromomethane	20	22.2	ug/Kg	111			58	141	
	Chloroethane	20	20.8	ug/Kg	104			69	130	
	Trichlorofluoromethane	20	21.0	ug/Kg	105			69	134	
	1,1,2-Trichlorotrifluoroethane	20	22.1	ug/Kg	111			81	123	
	1,1-Dichloroethene	20	22.3	ug/Kg	112			79	121	
	Acetone	100	120	ug/Kg	120			40	171	
	Carbon disulfide	20	22.3	ug/Kg	112			59	130	
	Methyl tert-butyl Ether	20	21.8	ug/Kg	109			77	129	
	Methyl Acetate	20	19.2	ug/Kg	96			69	149	
	Methylene Chloride	20	26.8	ug/Kg	134		*	72	131	
	trans-1,2-Dichloroethene	20	21.7	ug/Kg	109			80	123	
	1,1-Dichloroethane	20	21.3	ug/Kg	106			82	123	
	Cyclohexane	20	21.2	ug/Kg	106			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	21.2	ug/Kg	106			76	129	
	cis-1,2-Dichloroethene	20	21.1	ug/Kg	106			82	123	
	Bromochloromethane	20	21.5	ug/Kg	108			80	127	
	Chloroform	20	21.7	ug/Kg	109			82	125	
	1,1,1-Trichloroethane	20	22.5	ug/Kg	113			80	126	
	Methylcyclohexane	20	20.7	ug/Kg	104			77	123	
	Benzene	20	20.7	ug/Kg	104			84	121	
	1,2-Dichloroethane	20	21.1	ug/Kg	106			81	126	
	Trichloroethene	20	20.8	ug/Kg	104			83	122	
	1,2-Dichloropropane	20	20.7	ug/Kg	104			83	122	
	Bromodichloromethane	20	20.8	ug/Kg	104			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	21.3	ug/Kg	106			83	122	
	t-1,3-Dichloropropene	20	20.3	ug/Kg	102			78	124	
	cis-1,3-Dichloropropene	20	20.7	ug/Kg	104			81	122	
	1,1,2-Trichloroethane	20	20.8	ug/Kg	104			82	125	
	2-Hexanone	100	110	ug/Kg	110			66	138	
	Dibromochloromethane	20	20.4	ug/Kg	102			79	125	
	1,2-Dibromoethane	20	21.1	ug/Kg	106			80	125	
	Tetrachloroethene	20	20.3	ug/Kg	102			83	125	
	Chlorobenzene	20	20.7	ug/Kg	104			84	122	
	Ethyl Benzene	20	20.7	ug/Kg	104			82	124	
	m/p-Xylenes	40	41.2	ug/Kg	103			83	124	
	o-Xylene	20	20.8	ug/Kg	104			83	123	
	Styrene	20	20.7	ug/Kg	104			82	124	
	Bromoform	20	21.0	ug/Kg	105			75	127	
	Isopropylbenzene	20	20.0	ug/Kg	100			82	124	
	1,1,2,2-Tetrachloroethane	20	20.3	ug/Kg	102			77	127	
	1,3-Dichlorobenzene	20	20.5	ug/Kg	103			83	122	
	1,4-Dichlorobenzene	20	19.8	ug/Kg	99			84	121	
	1,2-Dichlorobenzene	20	19.7	ug/Kg	99			83	124	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3257

Analytical Method: SW8260D

Client: CDM Smith

Datafile : VW032324.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VW1002SBS01	1,2-Dibromo-3-Chloropropane	20	19.6	ug/Kg	98			66	134	
	1,2,4-Trichlorobenzene	20	20.0	ug/Kg	100			78	127	
	1,2,3-Trichlorobenzene	20	19.9	ug/Kg	100			70	137	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SDG No.:		Q3257	SW-846		Analytical Method:		SW8260D
Client:		CDM Smith	Datafile :		VW032325.D		

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits High	RPD
VW1002SBSD01	Dichlorodifluoromethane	20	19.2	ug/Kg	96	6		64	136	20
	Chloromethane	20	19.3	ug/Kg	97	10		52	151	20
	Vinyl chloride	20	20.6	ug/Kg	103	10		56	148	20
	Bromomethane	20	20.8	ug/Kg	104	7		58	141	20
	Chloroethane	20	20.3	ug/Kg	102	2		69	130	20
	Trichlorofluoromethane	20	22.1	ug/Kg	111	6		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	20.4	ug/Kg	102	8		81	123	20
	1,1-Dichloroethene	20	20.6	ug/Kg	103	8		79	121	20
	Acetone	100	110	ug/Kg	110	9		40	171	20
	Carbon disulfide	20	21.0	ug/Kg	105	6		59	130	20
	Methyl tert-butyl Ether	20	21.0	ug/Kg	105	4		77	129	20
	Methyl Acetate	20	17.8	ug/Kg	89	8		69	149	20
	Methylene Chloride	20	24.5	ug/Kg	123	9		72	131	20
	trans-1,2-Dichloroethene	20	20.2	ug/Kg	101	8		80	123	20
	1,1-Dichloroethane	20	20.1	ug/Kg	101	5		82	123	20
	Cyclohexane	20	19.9	ug/Kg	100	6		76	122	20
	2-Butanone	100	100	ug/Kg	100	10		69	131	20
	Carbon Tetrachloride	20	20.9	ug/Kg	104	2		76	129	20
	cis-1,2-Dichloroethene	20	20.0	ug/Kg	100	6		82	123	20
	Bromochloromethane	20	20.3	ug/Kg	102	6		80	127	20
	Chloroform	20	20.3	ug/Kg	102	7		82	125	20
	1,1,1-Trichloroethane	20	21.3	ug/Kg	106	6		80	126	20
	Methylcyclohexane	20	20.2	ug/Kg	101	3		77	123	20
	Benzene	20	20.3	ug/Kg	102	2		84	121	20
	1,2-Dichloroethane	20	20.4	ug/Kg	102	4		81	126	20
	Trichloroethene	20	19.9	ug/Kg	100	4		83	122	20
	1,2-Dichloropropane	20	20.6	ug/Kg	103	1		83	122	20
	Bromodichloromethane	20	20.4	ug/Kg	102	2		82	123	20
	4-Methyl-2-Pentanone	100	100	ug/Kg	100	0		70	135	20
	Toluene	20	20.3	ug/Kg	102	4		83	122	20
	t-1,3-Dichloropropene	20	20.3	ug/Kg	102	0		78	124	20
	cis-1,3-Dichloropropene	20	20.5	ug/Kg	103	1		81	122	20
	1,1,2-Trichloroethane	20	21.3	ug/Kg	106	2		82	125	20
	2-Hexanone	100	100	ug/Kg	100	10		66	138	20
	Dibromochloromethane	20	20.1	ug/Kg	101	1		79	125	20
	1,2-Dibromoethane	20	20.2	ug/Kg	101	5		80	125	20
	Tetrachloroethene	20	20.2	ug/Kg	101	1		83	125	20
	Chlorobenzene	20	21.1	ug/Kg	106	2		84	122	20
	Ethyl Benzene	20	21.3	ug/Kg	106	2		82	124	20
	m/p-Xylenes	40	43.2	ug/Kg	108	5		83	124	20
	o-Xylene	20	21.2	ug/Kg	106	2		83	123	20
	Styrene	20	22.0	ug/Kg	110	6		82	124	20
	Bromoform	20	20.9	ug/Kg	104	1		75	127	20
	Isopropylbenzene	20	20.6	ug/Kg	103	3		82	124	20
	1,1,2,2-Tetrachloroethane	20	20.4	ug/Kg	102	0		77	127	20
	1,3-Dichlorobenzene	20	19.9	ug/Kg	100	3		83	122	20
	1,4-Dichlorobenzene	20	20.7	ug/Kg	104	5		84	121	20
	1,2-Dichlorobenzene	20	20.5	ug/Kg	103	4		83	124	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3257</u>	Analytical Method:	<u>SW8260D</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>VW032325.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Low	Limits	RPD
									High	
VW1002SBSD01	1,2-Dibromo-3-Chloropropane	20	19.0	ug/Kg	95	3		66	134	20
	1,2,4-Trichlorobenzene	20	20.5	ug/Kg	103	3		78	127	20
	1,2,3-Trichlorobenzene	20	19.9	ug/Kg	100	0		70	137	20

VOLATILE METHOD BLANK SUMMARY

Client ID

VW1002SBL01

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab File ID: VW032323.D

Lab Sample ID: VW1002SBL01

Date Analyzed: 10/02/2025

Time Analyzed: 11:20

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: (Y/N) Y

Instrument ID: MSVOA_W

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VW1002SBS01	VW1002SBS01	VW032324.D	10/02/2025
VW1002SBSD01	VW1002SBSD01	VW032325.D	10/02/2025
ENV1-6FT	Q3257-01	VW032327.D	10/02/2025
ENV2-6FT	Q3257-02	VW032328.D	10/02/2025

COMMENTS: _____

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab File ID: VW032312.D

BFB Injection Date: 10/01/2025

Instrument ID: MSVOA_W

BFB Injection Time: 08:12

GC Column: RXI-624 ID: 0.25 (mm)

Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.3
75	30.0 - 60.0% of mass 95	51.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	66.2
175	5.0 - 9.0% of mass 174	5.3 (8) 1
176	95.0 - 101.0% of mass 174	63.3 (95.6) 1
177	5.0 - 9.0% of mass 176	4.2 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDIC005	VSTDIC005	VW032313.D	10/01/2025	13:12
VSTDIC010	VSTDIC010	VW032314.D	10/01/2025	13:34
VSTDIC020	VSTDIC020	VW032315.D	10/01/2025	14:15
VSTDIC050	VSTDIC050	VW032316.D	10/01/2025	14:37
VSTDIC100	VSTDIC100	VW032317.D	10/01/2025	14:59
VSTDIC150	VSTDIC150	VW032318.D	10/01/2025	15:20

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: VW032321.D
Instrument ID: MSVOA_W
GC Column: RXI-624 ID: 0.25 (mm)

Contract: CAMP02
SDG NO.: Q3257
BFB Injection Date: 10/02/2025
BFB Injection Time: 09:19
Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	19.7
75	30.0 - 60.0% of mass 95	52.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.2
173	Less than 2.0% of mass 174	0.0 (0.0) 1
174	50.0 - 100.0% of mass 95	66.6
175	5.0 - 9.0% of mass 174	5.1 (7.7) 1
176	95.0 - 101.0% of mass 174	63.5 (95.3) 1
177	5.0 - 9.0% of mass 176	4.6 (7.2) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VW032322.D	10/02/2025	10:53
VW1002SBL01	VW1002SBL01	VW032323.D	10/02/2025	11:20
VW1002SBS01	VW1002SBS01	VW032324.D	10/02/2025	11:48
VW1002SBSD01	VW1002SBSD01	VW032325.D	10/02/2025	12:10
ENV1-6FT	Q3257-01	VW032327.D	10/02/2025	13:13
ENV2-6FT	Q3257-02	VW032328.D	10/02/2025	13:35

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3257</u>
Lab File ID:	<u>VW032322.D</u>	Date Analyzed:	<u>10/02/2025</u>
Instrument ID:	<u>MSVOA_W</u>	Time Analyzed:	<u>10:53</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>Y</u>

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	303983	7.96	550095	8.85	496155	11.63
UPPER LIMIT	607966	8.459	1100190	9.349	992310	12.129
LOWER LIMIT	151992	7.459	275048	8.349	248078	11.129
EPA SAMPLE NO.						
ENV1-6FT	186871	7.97	415708	8.85	435605	11.64
ENV2-6FT	197845	7.97	430890	8.85	442868	11.63
VW1002SBL01	200843	7.97	433970	8.85	450698	11.63
VW1002SBS01	277189	7.97	526280	8.85	484324	11.63
VW1002SBSD01	291487	7.97	534672	8.86	467867	11.63

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3257</u>
Lab File ID:	<u>VW032322.D</u>	Date Analyzed:	<u>10/02/2025</u>
Instrument ID:	<u>MSVOA_W</u>	Time Analyzed:	<u>10:53</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)
		Heated Purge:	(Y/N) <u>Y</u>

	IS4 AREA #	RT #				
12 HOUR STD	241629	13.556				
UPPER LIMIT	483258	14.056				
LOWER LIMIT	120815	13.056				
EPA SAMPLE NO.						
ENV1-6FT	191597	13.56				
ENV2-6FT	232780	13.56				
VW1002SBL01	204423	13.56				
VW1002SBS01	242228	13.56				
VW1002SBSD01	239286	13.56				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
 AREA LOWER LIMIT = -50% of internal standard area
 RT UPPER LIMIT = +0.50 minutes of internal standard RT
 RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
 * Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBL01	SDG No.:	Q3257
Lab Sample ID:	VW1002SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 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:	Date Analyzed	Prep Batch ID
VW032323.D	1	10/02/25 11:20	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

Report of Analysis

Client:	CDM Smith		Date Collected:	
Project:	MWCO CJO WTP Edison 295110		Date Received:	
Client Sample ID:	VW1002SBL01	SDG No.:	Q3257	
Lab Sample ID:	VW1002SBL01	Matrix:	SOIL	
Analytical Method:	8260D	% Solid:	100	
Sample Wt/Vol:	5	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:	Date Analyzed	Prep Batch ID
VW032323.D	1	10/02/25 11:20	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	59.9		63 - 155	120%	SPK: 50
1868-53-7	Dibromofluoromethane	52.7		70 - 134	105%	SPK: 50
2037-26-5	Toluene-d8	53.3		74 - 123	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.8		17 - 146	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	201000	7.965			
540-36-3	1,4-Difluorobenzene	434000	8.849			
3114-55-4	Chlorobenzene-d5	451000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	204000	13.556			

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBL01	SDG No.:	Q3257
Lab Sample ID:	VW1002SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 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:	Date Analyzed	Prep Batch ID
VW032323.D	1	10/02/25 11:20	VW100225

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBS01	SDG No.:	Q3257
Lab Sample ID:	VW1002SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 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:	Date Analyzed	Prep Batch ID
VW032324.D	1	10/02/25 11:48	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.3		1.10	5.00	ug/Kg
74-87-3	Chloromethane	21.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	22.7		0.79	5.00	ug/Kg
74-83-9	Bromomethane	22.2		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.8		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	21.0		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.1		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	22.3		1.00	5.00	ug/Kg
67-64-1	Acetone	120		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	22.3		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.8		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	19.2		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	26.8		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.7		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	21.3		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	21.2		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.2		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	21.1		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	21.5		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.7		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.5		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.7		0.91	5.00	ug/Kg
71-43-2	Benzene	20.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.1		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.8		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.7		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	21.3		0.78	5.00	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBS01	SDG No.:	Q3257
Lab Sample ID:	VW1002SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 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:	Date Analyzed	Prep Batch ID
VW032324.D	1	10/02/25 11:48	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.3		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.7		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.8		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.4		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	21.1		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.3		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.7		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.7		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.2		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.8		0.82	5.00	ug/Kg
100-42-5	Styrene	20.7		0.71	5.00	ug/Kg
75-25-2	Bromoform	21.0		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.0		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.5		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.8		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.7		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.6		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.0		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.9		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.2		63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 - 134	100%	SPK: 50
2037-26-5	Toluene-d8	51.8		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.5		17 - 146	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	277000	7.965			
540-36-3	1,4-Difluorobenzene	526000	8.849			
3114-55-4	Chlorobenzene-d5	484000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	242000	13.556			

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBS01	SDG No.:	Q3257
Lab Sample ID:	VW1002SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 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:	Date Analyzed	Prep Batch ID
VW032324.D	1	10/02/25 11:48	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBSD01	SDG No.:	Q3257
Lab Sample ID:	VW1002SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 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:	Date Analyzed	Prep Batch ID
VW032325.D	1	10/02/25 12:10	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	19.2		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.3		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.6		0.79	5.00	ug/Kg
74-83-9	Bromomethane	20.8		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.3		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	22.1		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.4		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.6		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.0		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.0		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	17.8		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.5		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.2		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.1		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	19.9		0.79	5.00	ug/Kg
78-93-3	2-Butanone	100		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.9		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.0		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.3		1.20	5.00	ug/Kg
67-66-3	Chloroform	20.3		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.3		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.2		0.91	5.00	ug/Kg
71-43-2	Benzene	20.3		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.4		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	19.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.6		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.4		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	20.3		0.78	5.00	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBSD01	SDG No.:	Q3257
Lab Sample ID:	VW1002SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 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:	Date Analyzed	Prep Batch ID
VW032325.D	1	10/02/25 12:10	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.3		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.5		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.3		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	100		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.1		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.2		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.2		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.1		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	21.3		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	43.2		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.2		0.82	5.00	ug/Kg
100-42-5	Styrene	22.0		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.9		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.6		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.4		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.9		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.7		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.5		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	19.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.5		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	19.9		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		63 - 155	99%	SPK: 50
1868-53-7	Dibromofluoromethane	49.7		70 - 134	99%	SPK: 50
2037-26-5	Toluene-d8	50.2		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.3		17 - 146	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	291000	7.965			
540-36-3	1,4-Difluorobenzene	535000	8.855			
3114-55-4	Chlorobenzene-d5	468000	11.629			
3855-82-1	1,4-Dichlorobenzene-d4	239000	13.555			

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	VW1002SBSD01	SDG No.:	Q3257
Lab Sample ID:	VW1002SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:		Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
VW032325.D	1	10/02/25 12:10	VW100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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



CALIBRATION SUMMARY

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3257</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date(s):	<u>10/01/2025</u> <u>10/01/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Calibration Time(s):	<u>13:12</u> <u>15:20</u>
GC Column:	<u>RXI-624</u> ID: <u>0.25</u> (mm)		

LAB FILE ID:		RRF005 = VW032313.D		RRF010 = VW032314.D		RRF020 = VW032315.D		
		RRF050 = VW032316.D		RRF100 = VW032317.D		RRF150 = VW032318.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
Dichlorodifluoromethane	0.347	0.343	0.345	0.264	0.284	0.299	0.314	11.5
Chloromethane	0.532	0.527	0.516	0.418	0.450	0.463	0.484	9.7
Vinyl Chloride	0.625	0.636	0.606	0.529	0.533	0.538	0.578	8.6
Bromomethane	0.483	0.472	0.435	0.382	0.391	0.386	0.425	10.6
Chloroethane	0.405	0.409	0.394	0.356	0.365	0.361	0.382	6.3
Trichlorofluoromethane	0.426	0.453	0.430	0.418	0.422	0.447	0.433	3.3
1,1,2-Trichlorotrifluoroethane	0.609	0.569	0.524	0.465	0.469	0.478	0.519	11.5
1,1-Dichloroethene	0.588	0.608	0.595	0.521	0.534	0.535	0.564	6.7
Acetone	0.235	0.230	0.209	0.183	0.174	0.181	0.202	13.1
Carbon Disulfide	1.581	1.583	1.581	1.442	1.517	1.521	1.538	3.7
Methyl tert-butyl Ether	1.087	1.161	1.150	1.069	1.094	1.099	1.110	3.3
Methyl Acetate	0.478	0.597	0.612	0.624	0.567	0.592	0.578	9.1
Methylene Chloride	1.280	1.052	0.811	0.631	0.630	0.625	0.838	32.6
trans-1,2-Dichloroethene	0.649	0.640	0.636	0.589	0.613	0.617	0.624	3.6
1,1-Dichloroethane	1.238	1.261	1.244	1.132	1.169	1.172	1.203	4.3
Cyclohexane	1.228	1.108	1.042	0.911	0.931	0.939	1.027	12.1
2-Butanone	0.271	0.293	0.286	0.262	0.262	0.277	0.275	4.6
Carbon Tetrachloride	0.446	0.441	0.427	0.403	0.434	0.429	0.430	3.5
cis-1,2-Dichloroethene	0.768	0.763	0.766	0.716	0.740	0.744	0.749	2.7
Bromochloromethane	0.566	0.588	0.583	0.547	0.553	0.557	0.566	2.9
Chloroform	1.257	1.275	1.271	1.146	1.191	1.178	1.220	4.5
1,1,1-Trichloroethane	0.906	0.910	0.896	0.816	0.835	0.822	0.864	5.1
Methylcyclohexane	0.585	0.542	0.529	0.521	0.568	0.561	0.551	4.5
Benzene	1.518	1.494	1.440	1.345	1.424	1.373	1.432	4.7
1,2-Dichloroethane	0.487	0.497	0.472	0.442	0.461	0.453	0.469	4.4
Trichloroethene	0.354	0.348	0.330	0.312	0.339	0.329	0.335	4.5
1,2-Dichloropropane	0.370	0.371	0.363	0.341	0.355	0.346	0.358	3.4
Bromodichloromethane	0.507	0.517	0.500	0.480	0.513	0.500	0.503	2.6
4-Methyl-2-Pentanone	0.289	0.325	0.318	0.312	0.314	0.317	0.313	3.9
Toluene	0.909	0.905	0.897	0.857	0.908	0.876	0.892	2.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: <u>Alliance</u>	Contract: <u>CAMP02</u>
Lab Code: <u>ACE</u>	SDG No.: <u>Q3257</u>
Instrument ID: <u>MSVOA_W</u>	Calibration Date(s): <u>10/01/2025</u> <u>10/01/2025</u>
Heated Purge: (Y/N) <u>Y</u>	Calibration Time(s): <u>13:12</u> <u>15:20</u>
GC Column: <u>RXI-624</u> ID: <u>0.25</u> (mm)	

LAB FILE ID:								
RRF005 = VW032313.D			RRF010 = VW032314.D			RRF020 = VW032315.D		
RRF050 = VW032316.D			RRF100 = VW032317.D			RRF150 = VW032318.D		
COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	RRF	% RSD
t-1,3-Dichloropropene	0.451	0.482	0.469	0.478	0.525	0.523	0.488	6.1
cis-1,3-Dichloropropene	0.531	0.571	0.550	0.544	0.591	0.584	0.562	4.2
1,1,2-Trichloroethane	0.304	0.307	0.295	0.280	0.293	0.285	0.294	3.6
2-Hexanone	0.202	0.225	0.226	0.219	0.223	0.228	0.220	4.4
Dibromochloromethane	0.317	0.327	0.334	0.326	0.355	0.343	0.334	4
1,2-Dibromoethane	0.286	0.295	0.288	0.278	0.285	0.287	0.287	2
Tetrachloroethene	0.327	0.325	0.299	0.278	0.287	0.279	0.299	7.3
Chlorobenzene	1.159	1.140	1.109	1.028	1.094	1.070	1.100	4.3
Ethyl Benzene	1.822	1.861	1.843	1.734	1.897	1.845	1.834	3
m/p-Xylenes	0.704	0.720	0.715	0.668	0.730	0.705	0.707	3
o-Xylene	0.632	0.665	0.653	0.637	0.701	0.678	0.661	3.9
Styrene	1.090	1.143	1.199	1.124	1.186	1.186	1.155	3.7
Bromoform	0.179	0.207	0.192	0.189	0.202	0.209	0.196	6
Isopropylbenzene	3.316	3.159	3.364	3.327	3.645	3.714	3.421	6.2
1,1,2,2-Tetrachloroethane	0.867	0.867	0.851	0.808	0.833	0.869	0.849	2.9
1,3-Dichlorobenzene	1.765	1.650	1.625	1.600	1.658	1.722	1.670	3.7
1,4-Dichlorobenzene	1.839	1.673	1.700	1.548	1.661	1.597	1.670	6
1,2-Dichlorobenzene	1.541	1.549	1.557	1.402	1.467	1.540	1.509	4.1
1,2-Dibromo-3-Chloropropane	0.146	0.144	0.150	0.146	0.147	0.160	0.149	3.8
1,2,4-Trichlorobenzene	0.956	0.842	0.865	0.833	0.938	0.997	0.905	7.5
1,2,3-Trichlorobenzene	0.893	0.818	0.839	0.810	0.864	0.895	0.853	4.3
1,2-Dichloroethane-d4	0.738	0.758	0.765	0.695	0.714	0.706	0.729	4
Dibromofluoromethane	0.331	0.335	0.327	0.306	0.331	0.311	0.324	3.8
Toluene-d8	1.182	1.204	1.166	1.193	1.231	1.194	1.195	1.8
4-Bromofluorobenzene	0.472	0.449	0.436	0.448	0.459	0.446	0.452	2.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3257</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>10/02/2025</u> <u>10:53</u>
Lab File ID:	<u>VW032322.D</u>	Init. Calib. Date(s):	<u>10/01/2025</u> <u>10/01/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>13:12</u> <u>15:20</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.314	0.263		-16.24	20
Chloromethane	0.484	0.416	0.1	-14.05	20
Vinyl Chloride	0.578	0.590		2.08	20
Bromomethane	0.425	0.399		-6.12	20
Chloroethane	0.382	0.375		-1.83	20
Trichlorofluoromethane	0.433	0.410		-5.31	20
1,1,2-Trichlorotrifluoroethane	0.519	0.519		0	20
1,1-Dichloroethene	0.564	0.579		2.66	20
Acetone	0.202	0.203		0.5	20
Carbon Disulfide	1.538	1.615		5.01	20
Methyl tert-butyl Ether	1.110	1.122		1.08	20
Methyl Acetate	0.578	0.504		-12.8	20
Methylene Chloride	0.838	0.727		-13.25	20
trans-1,2-Dichloroethene	0.624	0.624		0	20
1,1-Dichloroethane	1.203	1.183	0.1	-1.66	20
Cyclohexane	1.027	0.989		-3.7	20
2-Butanone	0.275	0.264		-4	20
Carbon Tetrachloride	0.430	0.455		5.81	20
cis-1,2-Dichloroethene	0.749	0.743		-0.8	20
Bromochloromethane	0.566	0.539		-4.77	20
Chloroform	1.220	1.209		-0.9	20
1,1,1-Trichloroethane	0.864	0.899		4.05	20
Methylcyclohexane	0.551	0.592		7.44	20
Benzene	1.432	1.427		-0.35	20
1,2-Dichloroethane	0.469	0.460		-1.92	20
Trichloroethene	0.335	0.327		-2.39	20
1,2-Dichloropropane	0.358	0.354		-1.12	20
Bromodichloromethane	0.503	0.515		2.39	20
4-Methyl-2-Pentanone	0.313	0.313		0	20
Toluene	0.892	0.915		2.58	20
t-1,3-Dichloropropene	0.488	0.502		2.87	20
cis-1,3-Dichloropropene	0.562	0.585		4.09	20
1,1,2-Trichloroethane	0.294	0.293		-0.34	20
2-Hexanone	0.220	0.224		1.82	20
Dibromochloromethane	0.334	0.331		-0.9	20
1,2-Dibromoethane	0.287	0.290		1.04	20
Tetrachloroethene	0.299	0.299		0	20
Chlorobenzene	1.100	1.106	0.3	0.46	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3257</u>
Instrument ID:	<u>MSVOA_W</u>	Calibration Date/Time:	<u>10/02/2025</u> <u>10:53</u>
Lab File ID:	<u>VW032322.D</u>	Init. Calib. Date(s):	<u>10/01/2025</u> <u>10/01/2025</u>
Heated Purge: (Y/N)	<u>Y</u>	Init. Calib. Time(s):	<u>13:12</u> <u>15:20</u>
GC Column:	<u>RXI-624</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.834	1.940		5.78	20
m/p-Xylenes	0.707	0.745		5.38	20
o-Xylene	0.661	0.691		4.54	20
Styrene	1.155	1.222		5.8	20
Bromoform	0.196	0.195	0.1	-0.51	20
Isopropylbenzene	3.421	3.669		7.25	20
1,1,2,2-Tetrachloroethane	0.849	0.836	0.3	-1.53	20
1,3-Dichlorobenzene	1.670	1.642		-1.68	20
1,4-Dichlorobenzene	1.670	1.643		-1.62	20
1,2-Dichlorobenzene	1.509	1.503		-0.4	20
1,2-Dibromo-3-Chloropropane	0.149	0.145		-2.68	20
1,2,4-Trichlorobenzene	0.905	0.923		1.99	20
1,2,3-Trichlorobenzene	0.853	0.891		4.45	20
1,2-Dichloroethane-d4	0.729	0.688		-5.62	20
Dibromofluoromethane	0.324	0.314		-3.09	20
Toluene-d8	1.195	1.202		0.59	20
4-Bromofluorobenzene	0.452	0.441		-2.43	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

LAB CHRONICLE

OrderID:	Q3257	OrderDate:	9/30/2025 2:40:01 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3257-01	ENV1-6FT	SOIL	SVOC-TCL BNA -20	8270E	09/30/25	10/01/25	10/01/25	09/30/25
Q3257-02	ENV2-6FT	SOIL	SVOC-TCL BNA -20	8270E	09/29/25	10/01/25	10/01/25	09/30/25

Hit Summary Sheet SW-846

SDG No.: Q3257
Client: CDM Smith

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	ENV1-6FT							
Q3257-01	ENV1-6FT	SOIL	1-Heneicosyl formate	*	250.000	J 0	0	ug/Kg
Q3257-01	ENV1-6FT	SOIL	Benzophenone	*	180.000	J 0	0	ug/Kg
Q3257-01	ENV1-6FT	SOIL	n-Hexadecanoic acid	*	680.000	J 0	0	ug/Kg
Q3257-01	ENV1-6FT	SOIL	Octadecanoic acid	*	100.000	J 0	0	ug/Kg
Q3257-01	ENV1-6FT	SOIL	Palmitoleic acid	*	300.000	J 0	0	ug/Kg
Total Tics :				1,510.00				
Total Concentration:				1,510.00				
Client ID :	ENV2-6FT							
Q3257-02	ENV2-6FT	SOIL	Benzophenone	*	230.000	J 0	0	ug/Kg
Q3257-02	ENV2-6FT	SOIL	Butyl citrate	*	85.300	J 0	0	ug/Kg
Q3257-02	ENV2-6FT	SOIL	Hexanedioic acid, dioctyl ester	*	500.000	J 0	0	ug/Kg
Q3257-02	ENV2-6FT	SOIL	n-Hexadecanoic acid	*	570.000	J 0	0	ug/Kg
Q3257-02	ENV2-6FT	SOIL	Octadecanoic acid	*	190.000	J 0	0	ug/Kg
Q3257-02	ENV2-6FT	SOIL	Oleic Acid	*	98.600	J 0	0	ug/Kg
Total Tics :				1,673.90				
Total Concentration:				1,673.90				



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.3
Sample Wt/Vol:	30.02 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
BP025906.D	1	10/01/25 10:10	10/01/25 18:34	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	390	ug/Kg
108-95-2	Phenol	26.2	U	26.2	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.8	U	28.8	200	ug/Kg
95-57-8	2-Chlorophenol	28.9	U	28.9	200	ug/Kg
95-48-7	2-Methylphenol	35.4	U	35.4	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44.5	U	44.5	200	ug/Kg
98-86-2	Acetophenone	35.0	UQ	35.0	200	ug/Kg
65794-96-9	3+4-Methylphenols	48.7	U	48.7	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	56.2	U	56.2	94.8	ug/Kg
67-72-1	Hexachloroethane	20.9	U	20.9	200	ug/Kg
98-95-3	Nitrobenzene	21.7	U	21.7	200	ug/Kg
78-59-1	Isophorone	38.9	U	38.9	200	ug/Kg
88-75-5	2-Nitrophenol	69.0	U	69.0	200	ug/Kg
105-67-9	2,4-Dimethylphenol	76.8	U	76.8	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.5	U	36.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.5	U	33.5	200	ug/Kg
91-20-3	Naphthalene	26.9	U	26.9	200	ug/Kg
106-47-8	4-Chloroaniline	42.0	U	42.0	200	ug/Kg
87-68-3	Hexachlorobutadiene	30.0	UQ	30.0	200	ug/Kg
105-60-2	Caprolactam	61.8	U	61.8	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34.0	U	34.0	200	ug/Kg
91-57-6	2-Methylnaphthalene	30.3	U	30.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.5	UQ	23.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.5	UQ	34.5	200	ug/Kg
92-52-4	1,1-Biphenyl	25.8	UQ	25.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.7	UQ	26.7	200	ug/Kg
88-74-4	2-Nitroaniline	57.0	U	57.0	200	ug/Kg
131-11-3	Dimethylphthalate	32.1	U	32.1	200	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.3
Sample Wt/Vol:	30.02 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
BP025906.D	1	10/01/25 10:10	10/01/25 18:34	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	34.3	U	34.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	39.8	U	39.8	200	ug/Kg
99-09-2	3-Nitroaniline	54.5	U	54.5	200	ug/Kg
83-32-9	Acenaphthene	25.3	U	25.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	390	ug/Kg
132-64-9	Dibenzofuran	26.9	U	26.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.4	U	59.4	200	ug/Kg
84-66-2	Diethylphthalate	33.5	U	33.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.7	UQ	31.7	200	ug/Kg
86-73-7	Fluorene	30.0	U	30.0	200	ug/Kg
100-01-6	4-Nitroaniline	76.1	U	76.1	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	39.0	UQ	39.0	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33.0	UQ	33.0	200	ug/Kg
118-74-1	Hexachlorobenzene	30.0	UQ	30.0	200	ug/Kg
1912-24-9	Atrazine	40.3	U	40.3	200	ug/Kg
87-86-5	Pentachlorophenol	60.8	U	60.8	390	ug/Kg
85-01-8	Phenanthrene	24.8	U	24.8	200	ug/Kg
120-12-7	Anthracene	39.5	U	39.5	200	ug/Kg
86-74-8	Carbazole	37.0	U	37.0	200	ug/Kg
84-74-2	Di-n-butylphthalate	56.8	U	56.8	200	ug/Kg
206-44-0	Fluoranthene	35.6	U	35.6	200	ug/Kg
129-00-0	Pyrene	42.7	U	42.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	84.6	U	84.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43.5	U	43.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	27.3	U	27.3	200	ug/Kg
218-01-9	Chrysene	23.6	U	23.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	70.2	U	70.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.5	U	22.5	200	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.3
Sample Wt/Vol:	30.02 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
BP025906.D	1	10/01/25 10:10	10/01/25 18:34	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	26.6	U	26.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	35.0	U	35.0	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.5	U	34.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32.5	U	32.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.5	U	30.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.3	UQ	30.3	200	ug/Kg
123-91-1	1,4-Dioxane	53.6	U	53.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.5	U	32.5	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	65.0		18 - 112	43%	SPK: 150
13127-88-3	Phenol-d6	61.8		15 - 107	41%	SPK: 150
4165-60-0	Nitrobenzene-d5	39.6		18 - 107	40%	SPK: 100
321-60-8	2-Fluorobiphenyl	40.8		20 - 109	41%	SPK: 100
118-79-6	2,4,6-Tribromophenol	66.9		10 - 116	45%	SPK: 150
1718-51-0	Terphenyl-d14	45.3		10 - 105	45%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	187000	7.743
1146-65-2	Naphthalene-d8	698000	10.507
15067-26-2	Acenaphthene-d10	448000	14.36
1517-22-2	Phenanthrene-d10	859000	17.166
1719-03-5	Chrysene-d12	846000	21.613
1520-96-3	Perylene-d12	910000	24.953

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	180	J	15.7	ug/Kg
000373-49-9	Palmitoleic acid	300	J	18.0	ug/Kg
000057-10-3	n-Hexadecanoic acid	680	J	18.1	ug/Kg
000057-11-4	Octadecanoic acid	100	J	19.4	ug/Kg
077899-03-7	1-Heneicosyl formate	250	J	21.3	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.3
Sample Wt/Vol:	30.02 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
BP025906.D	1	10/01/25 10:10	10/01/25 18:34	PB169936

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
Sample Wt/Vol:	30.05 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
BP025907.D	1	10/01/25 10:10	10/01/25 19:15	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	180	U	180	390	ug/Kg
108-95-2	Phenol	26.0	U	26.0	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	28.6	U	28.6	200	ug/Kg
95-57-8	2-Chlorophenol	28.8	U	28.8	200	ug/Kg
95-48-7	2-Methylphenol	35.2	U	35.2	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44.2	U	44.2	200	ug/Kg
98-86-2	Acetophenone	34.8	UQ	34.8	200	ug/Kg
65794-96-9	3+4-Methylphenols	48.4	U	48.4	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	55.9	U	55.9	94.3	ug/Kg
67-72-1	Hexachloroethane	20.7	U	20.7	200	ug/Kg
98-95-3	Nitrobenzene	21.6	U	21.6	200	ug/Kg
78-59-1	Isophorone	38.7	U	38.7	200	ug/Kg
88-75-5	2-Nitrophenol	68.6	U	68.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	76.4	U	76.4	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	36.3	U	36.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	33.4	U	33.4	200	ug/Kg
91-20-3	Naphthalene	26.8	U	26.8	200	ug/Kg
106-47-8	4-Chloroaniline	41.7	U	41.7	200	ug/Kg
87-68-3	Hexachlorobutadiene	29.8	UQ	29.8	200	ug/Kg
105-60-2	Caprolactam	61.4	U	61.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33.8	U	33.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	30.2	U	30.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	23.3	UQ	23.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	34.3	UQ	34.3	200	ug/Kg
92-52-4	1,1-Biphenyl	25.7	UQ	25.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	26.5	UQ	26.5	200	ug/Kg
88-74-4	2-Nitroaniline	56.7	U	56.7	200	ug/Kg
131-11-3	Dimethylphthalate	31.9	U	31.9	200	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
Sample Wt/Vol:	30.05 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
BP025907.D	1	10/01/25 10:10	10/01/25 19:15	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	34.1	U	34.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	39.6	U	39.6	200	ug/Kg
99-09-2	3-Nitroaniline	54.2	U	54.2	200	ug/Kg
83-32-9	Acenaphthene	25.1	U	25.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	390	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	390	ug/Kg
132-64-9	Dibenzofuran	26.8	U	26.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	59.1	U	59.1	200	ug/Kg
84-66-2	Diethylphthalate	33.4	U	33.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31.5	UQ	31.5	200	ug/Kg
86-73-7	Fluorene	29.8	U	29.8	200	ug/Kg
100-01-6	4-Nitroaniline	75.7	U	75.7	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	38.8	UQ	38.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32.8	UQ	32.8	200	ug/Kg
118-74-1	Hexachlorobenzene	29.8	UQ	29.8	200	ug/Kg
1912-24-9	Atrazine	40.1	U	40.1	200	ug/Kg
87-86-5	Pentachlorophenol	60.5	U	60.5	390	ug/Kg
85-01-8	Phenanthrene	24.6	U	24.6	200	ug/Kg
120-12-7	Anthracene	39.2	U	39.2	200	ug/Kg
86-74-8	Carbazole	36.8	U	36.8	200	ug/Kg
84-74-2	Di-n-butylphthalate	56.5	U	56.5	200	ug/Kg
206-44-0	Fluoranthene	35.4	U	35.4	200	ug/Kg
129-00-0	Pyrene	42.4	U	42.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	84.2	U	84.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	43.3	U	43.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	27.1	U	27.1	200	ug/Kg
218-01-9	Chrysene	23.5	U	23.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	69.8	U	69.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	22.4	U	22.4	200	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
Sample Wt/Vol:	30.05 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
BP025907.D	1	10/01/25 10:10	10/01/25 19:15	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	26.4	U	26.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	34.8	U	34.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34.3	U	34.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32.3	U	32.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	30.3	U	30.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30.2	UQ	30.2	200	ug/Kg
123-91-1	1,4-Dioxane	53.3	U	53.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	32.3	U	32.3	200	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	69.3		18 - 112	46%	SPK: 150
13127-88-3	Phenol-d6	67.3		15 - 107	45%	SPK: 150
4165-60-0	Nitrobenzene-d5	41.4		18 - 107	41%	SPK: 100
321-60-8	2-Fluorobiphenyl	43.1		20 - 109	43%	SPK: 100
118-79-6	2,4,6-Tribromophenol	84.7		10 - 116	56%	SPK: 150
1718-51-0	Terphenyl-d14	56.5		10 - 105	57%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	163000	7.743
1146-65-2	Naphthalene-d8	606000	10.507
15067-26-2	Acenaphthene-d10	368000	14.354
1517-22-2	Phenanthrene-d10	688000	17.154
1719-03-5	Chrysene-d12	698000	21.613
1520-96-3	Perylene-d12	789000	24.96

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	230	J	15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	570	J	18.1	ug/Kg
000112-80-1	Oleic Acid	98.6	J	19.3	ug/Kg
000057-11-4	Octadecanoic acid	190	J	19.4	ug/Kg
000077-94-1	Butyl citrate	85.3	J	19.6	ug/Kg
000123-79-5	Hexanedioic acid, dioctyl ester	500	J	20.7	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
Sample Wt/Vol:	30.05 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
BP025907.D	1	10/01/25 10:10	10/01/25 19:15	PB169936

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



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: **Q3257**

Client: **CDM Smith**

Analytical Method: **8270E**

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169936BL	PB169936BL	2-Fluorophenol	150	148	99		18	112
		Phenol-d6	150	137	92		15	107
		Nitrobenzene-d5	100	84.3	84		18	107
		2-Fluorobiphenyl	100	89.9	90		20	109
		2,4,6-Tribromophenol	150	153	102		10	116
		Terphenyl-d14	100	93.4	93		10	105
PB169936BS	PB169936BS	2-Fluorophenol	150	158	105		18	112
		Phenol-d6	150	147	98		15	107
		Nitrobenzene-d5	100	90.4	90		18	107
		2-Fluorobiphenyl	100	97.5	98		20	109
		2,4,6-Tribromophenol	150	164	110		10	116
		Terphenyl-d14	100	99.0	99		10	105
Q3257-01	ENV1-6FT	2-Fluorophenol	150	65.0	43		18	112
		Phenol-d6	150	61.8	41		15	107
		Nitrobenzene-d5	100	39.6	40		18	107
		2-Fluorobiphenyl	100	40.8	41		20	109
		2,4,6-Tribromophenol	150	66.9	45		10	116
		Terphenyl-d14	100	45.3	45		10	105
Q3257-02	ENV2-6FT	2-Fluorophenol	150	69.3	46		18	112
		Phenol-d6	150	67.3	45		15	107
		Nitrobenzene-d5	100	41.4	41		18	107
		2-Fluorobiphenyl	100	43.1	43		20	109
		2,4,6-Tribromophenol	150	84.7	56		10	116
		Terphenyl-d14	100	56.5	57		10	105
Q3257-02MS	ENV2-6FTMS	2-Fluorophenol	150	75.9	51		18	112
		Phenol-d6	150	75.8	51		15	107
		Nitrobenzene-d5	100	45.5	46		18	107
		2-Fluorobiphenyl	100	47.3	47		20	109
		2,4,6-Tribromophenol	150	95.7	64		10	116
		Terphenyl-d14	100	62.4	62		10	105
Q3257-02MSD	ENV2-6FTMSD	2-Fluorophenol	150	76.3	51		18	112
		Phenol-d6	150	76.0	51		15	107
		Nitrobenzene-d5	100	46.0	46		18	107
		2-Fluorobiphenyl	100	47.4	47		20	109
		2,4,6-Tribromophenol	150	94.4	63		10	116
		Terphenyl-d14	100	62.7	63		10	105

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3257

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP025908.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3257-02MS		Client Sample ID: ENV2-6FTMS									
Benzaldehyde	2000	0	1600	ug/Kg	80				10	171	
Phenol	2000	0	2100	ug/Kg	105				51	122	
bis(2-Chloroethyl)ether	2000	0	2000	ug/Kg	100				54	125	
2-Chlorophenol	2000	0	2100	ug/Kg	105				51	121	
2-Methylphenol	2000	0	2000	ug/Kg	100				47	125	
2,2-oxybis(1-Chloropropane)	2000	0	1700	ug/Kg	85				46	119	
Acetophenone	2000	0	2300	ug/Kg	115				55	128	
3+4-Methylphenols	2000	0	1900	ug/Kg	95				49	125	
N-Nitroso-di-n-propylamine	2000	0	1800	ug/Kg	90				59	119	
Hexachloroethane	2000	0	2000	ug/Kg	100				51	116	
Nitrobenzene	2000	0	2000	ug/Kg	100				47	124	
Isophorone	2000	0	1900	ug/Kg	95				49	127	
2-Nitrophenol	2000	0	2300	ug/Kg	115				43	131	
2,4-Dimethylphenol	2000	0	2100	ug/Kg	105				63	151	
bis(2-Chloroethoxy)methane	2000	0	2000	ug/Kg	100				51	119	
2,4-Dichlorophenol	2000	0	2200	ug/Kg	110				50	122	
Naphthalene	2000	0	2100	ug/Kg	105				51	121	
4-Chloroaniline	2000	0	990	ug/Kg	50				10	100	
Hexachlorobutadiene	2000	0	2200	ug/Kg	110				44	126	
Caprolactam	2000	0	1700	ug/Kg	85				51	134	
4-Chloro-3-methylphenol	2000	0	2000	ug/Kg	100				57	132	
2-Methylnaphthalene	2000	0	2000	ug/Kg	100				59	123	
Hexachlorocyclopentadiene	3900	0	3400	ug/Kg	87				10	175	
2,4,6-Trichlorophenol	2000	0	2400	ug/Kg	120				33	141	
2,4,5-Trichlorophenol	2000	0	2300	ug/Kg	115				38	135	
1,1-Biphenyl	2000	0	2400	ug/Kg	120				55	131	
2-Chloronaphthalene	2000	0	2200	ug/Kg	110				48	124	
2-Nitroaniline	2000	0	2100	ug/Kg	105				47	134	
Dimethylphthalate	2000	0	2100	ug/Kg	105				54	120	
Acenaphthylene	2000	0	2200	ug/Kg	110				57	125	
2,6-Dinitrotoluene	2000	0	2200	ug/Kg	110				48	127	
3-Nitroaniline	2000	0	1400	ug/Kg	70				10	112	
Acenaphthene	2000	0	2100	ug/Kg	105				70	121	
2,4-Dinitrophenol	3900	0	3200	ug/Kg	82				10	155	
4-Nitrophenol	3900	0	3600	ug/Kg	92				10	175	
Dibenzofuran	2000	0	2100	ug/Kg	105				52	114	
2,4-Dinitrotoluene	2000	0	2100	ug/Kg	105				41	140	
Diethylphthalate	2000	0	2000	ug/Kg	100				51	119	
4-Chlorophenyl-phenylether	2000	0	2100	ug/Kg	105				48	122	
Fluorene	2000	0	2100	ug/Kg	105				53	118	
4-Nitroaniline	2000	0	1900	ug/Kg	95				29	140	
4,6-Dinitro-2-methylphenol	2000	0	1900	ug/Kg	95				10	160	
N-Nitrosodiphenylamine	2000	0	2300	ug/Kg	115				73	118	
4-Bromophenyl-phenylether	2000	0	2300	ug/Kg	115				65	121	
Hexachlorobenzene	2000	0	2300	ug/Kg	115				67	118	
Atrazine	2000	0	2200	ug/Kg	110				45	175	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3257

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP025908.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	3900	0	4500	ug/Kg	115				13	153	
Phenanthrene	2000	0	2100	ug/Kg	105				52	128	
Anthracene	2000	0	2200	ug/Kg	110				62	124	
Carbazole	2000	0	2100	ug/Kg	105				59	119	
Di-n-butylphthalate	2000	0	2100	ug/Kg	105				55	125	
Fluoranthene	2000	0	2000	ug/Kg	100				44	125	
Pyrene	2000	0	2200	ug/Kg	110				37	122	
Butylbenzylphthalate	2000	0	2200	ug/Kg	110				44	135	
3,3-Dichlorobenzidine	2000	0	1800	ug/Kg	90				15	112	
Benzo(a)anthracene	2000	0	2200	ug/Kg	110				53	119	
Chrysene	2000	0	2100	ug/Kg	105				57	121	
bis(2-Ethylhexyl)phthalate	2000	0	2200	ug/Kg	110				42	169	
Di-n-octyl phthalate	2000	0	2200	ug/Kg	110				51	156	
Benzo(b)fluoranthene	2000	0	2200	ug/Kg	110				52	117	
Benzo(k)fluoranthene	2000	0	2100	ug/Kg	105				57	134	
Benzo(a)pyrene	2000	0	2100	ug/Kg	105				70	142	
Indeno(1,2,3-cd)pyrene	2000	0	2200	ug/Kg	110				40	129	
Dibenz(a,h)anthracene	2000	0	2300	ug/Kg	115				43	123	
Benzo(g,h,i)perylene	2000	0	2300	ug/Kg	115				24	125	
1,2,4,5-Tetrachlorobenzene	2000	0	2600	ug/Kg	130				52	134	
1,4-Dioxane	2000	0	1800	ug/Kg	90				46	112	
2,3,4,6-Tetrachlorophenol	2000	0	2300	ug/Kg	115				24	146	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3257

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP025909.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID: Q3257-02MSD		Client Sample ID: ENV2-6FTMSD									
Benzaldehyde	2000	0	1600	ug/Kg	80		0		10	171	20
Phenol	2000	0	2100	ug/Kg	105		0		51	122	20
bis(2-Chloroethyl)ether	2000	0	2000	ug/Kg	100		0		54	125	20
2-Chlorophenol	2000	0	2200	ug/Kg	110		5		51	121	20
2-Methylphenol	2000	0	2000	ug/Kg	100		0		47	125	20
2,2-oxybis(1-Chloropropane)	2000	0	1800	ug/Kg	90		6		46	119	20
Acetophenone	2000	0	2300	ug/Kg	115		0		55	128	20
3+4-Methylphenols	2000	0	1900	ug/Kg	95		0		49	125	20
N-Nitroso-di-n-propylamine	2000	0	1800	ug/Kg	90		0		59	119	20
Hexachloroethane	2000	0	2100	ug/Kg	105		5		51	116	20
Nitrobenzene	2000	0	2100	ug/Kg	105		5		47	124	20
Isophorone	2000	0	2000	ug/Kg	100		5		49	127	20
2-Nitrophenol	2000	0	2300	ug/Kg	115		0		43	131	20
2,4-Dimethylphenol	2000	0	2100	ug/Kg	105		0		63	151	20
bis(2-Chloroethoxy)methane	2000	0	2000	ug/Kg	100		0		51	119	20
2,4-Dichlorophenol	2000	0	2200	ug/Kg	110		0		50	122	20
Naphthalene	2000	0	2100	ug/Kg	105		0		51	121	20
4-Chloroaniline	2000	0	1000	ug/Kg	50		0		10	100	20
Hexachlorobutadiene	2000	0	2200	ug/Kg	110		0		44	126	20
Caprolactam	2000	0	1800	ug/Kg	90		6		51	134	20
4-Chloro-3-methylphenol	2000	0	2000	ug/Kg	100		0		57	132	20
2-Methylnaphthalene	2000	0	2000	ug/Kg	100		0		59	123	20
Hexachlorocyclopentadiene	3900	0	3500	ug/Kg	90		3		10	175	20
2,4,6-Trichlorophenol	2000	0	2400	ug/Kg	120		0		33	141	20
2,4,5-Trichlorophenol	2000	0	2300	ug/Kg	115		0		38	135	20
1,1-Biphenyl	2000	0	2400	ug/Kg	120		0		55	131	20
2-Chloronaphthalene	2000	0	2200	ug/Kg	110		0		48	124	20
2-Nitroaniline	2000	0	2100	ug/Kg	105		0		47	134	20
Dimethylphthalate	2000	0	2000	ug/Kg	100		5		54	120	20
Acenaphthylene	2000	0	2200	ug/Kg	110		0		57	125	20
2,6-Dinitrotoluene	2000	0	2100	ug/Kg	105		5		48	127	20
3-Nitroaniline	2000	0	1400	ug/Kg	70		0		10	112	20
Acenaphthene	2000	0	2100	ug/Kg	105		0		70	121	20
2,4-Dinitrophenol	3900	0	3200	ug/Kg	82		0		10	155	20
4-Nitrophenol	3900	0	3500	ug/Kg	90		2		10	175	20
Dibenzofuran	2000	0	2100	ug/Kg	105		0		52	114	20
2,4-Dinitrotoluene	2000	0	2100	ug/Kg	105		0		41	140	20
Diethylphthalate	2000	0	2000	ug/Kg	100		0		51	119	20
4-Chlorophenyl-phenylether	2000	0	2100	ug/Kg	105		0		48	122	20
Fluorene	2000	0	2100	ug/Kg	105		0		53	118	20
4-Nitroaniline	2000	0	1900	ug/Kg	95		0		29	140	20
4,6-Dinitro-2-methylphenol	2000	0	2000	ug/Kg	100		5		10	160	20
N-Nitrosodiphenylamine	2000	0	2300	ug/Kg	115		0		73	118	20
4-Bromophenyl-phenylether	2000	0	2400	ug/Kg	120		4		65	121	20
Hexachlorobenzene	2000	0	2400	ug/Kg	120	*	4		67	118	20
Atrazine	2000	0	2200	ug/Kg	110		0		45	175	20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3257

Analytical Method: SW8270E

Client: CDM Smith

DataFile: BP025909.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Pentachlorophenol	3900	0	4500	ug/Kg	115		0		13	153	20
Phenanthrene	2000	0	2100	ug/Kg	105		0		52	128	20
Anthracene	2000	0	2100	ug/Kg	105		5		62	124	20
Carbazole	2000	0	2100	ug/Kg	105		0		59	119	20
Di-n-butylphthalate	2000	0	2100	ug/Kg	105		0		55	125	20
Fluoranthene	2000	0	2000	ug/Kg	100		0		44	125	20
Pyrene	2000	0	2300	ug/Kg	115		4		37	122	20
Butylbenzylphthalate	2000	0	2300	ug/Kg	115		4		44	135	20
3,3-Dichlorobenzidine	2000	0	1800	ug/Kg	90		0		15	112	20
Benzo(a)anthracene	2000	0	2200	ug/Kg	110		0		53	119	20
Chrysene	2000	0	2200	ug/Kg	110		5		57	121	20
bis(2-Ethylhexyl)phthalate	2000	0	2200	ug/Kg	110		0		42	169	20
Di-n-octyl phthalate	2000	0	2200	ug/Kg	110		0		51	156	20
Benzo(b)fluoranthene	2000	0	2200	ug/Kg	110		0		52	117	20
Benzo(k)fluoranthene	2000	0	2100	ug/Kg	105		0		57	134	20
Benzo(a)pyrene	2000	0	2100	ug/Kg	105		0		70	142	20
Indeno(1,2,3-cd)pyrene	2000	0	2300	ug/Kg	115		4		40	129	20
Dibenz(a,h)anthracene	2000	0	2300	ug/Kg	115		0		43	123	20
Benzo(g,h,i)perylene	2000	0	2300	ug/Kg	115		0		24	125	20
1,2,4,5-Tetrachlorobenzene	2000	0	2600	ug/Kg	130		0		52	134	20
1,4-Dioxane	2000	0	1800	ug/Kg	90		0		46	112	20
2,3,4,6-Tetrachlorophenol	2000	0	2200	ug/Kg	110		4		24	146	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3257

Analytical Method: 8270E

Client: CDM Smith

DataFile: BP025903.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169936BS	Benzaldehyde	1700	1300	ug/Kg	76				10	133	
	Phenol	1700	1600	ug/Kg	94				62	112	
	bis(2-Chloroethyl)ether	1700	1600	ug/Kg	94				60	101	
	2-Chlorophenol	1700	1700	ug/Kg	100				65	112	
	2-Methylphenol	1700	1600	ug/Kg	94				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1800	ug/Kg	106		*		66	98	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1600	ug/Kg	94				72	108	
	Nitrobenzene	1700	1600	ug/Kg	94				57	101	
	Isophorone	1700	1500	ug/Kg	88				59	99	
	2-Nitrophenol	1700	1800	ug/Kg	106				61	111	
	2,4-Dimethylphenol	1700	1700	ug/Kg	100				46	141	
	bis(2-Chloroethoxy)methane	1700	1600	ug/Kg	94				66	97	
	2,4-Dichlorophenol	1700	1700	ug/Kg	100				62	107	
	Naphthalene	1700	1600	ug/Kg	94				62	100	
	4-Chloroaniline	1700	1100	ug/Kg	65				16	100	
	Hexachlorobutadiene	1700	1800	ug/Kg	106		*		53	98	
	Caprolactam	1700	1400	ug/Kg	82				67	110	
	4-Chloro-3-methylphenol	1700	1500	ug/Kg	88				58	112	
	2-Methylnaphthalene	1700	1600	ug/Kg	94				60	104	
	Hexachlorocyclopentadiene	3300	3100	ug/Kg	94				45	165	
	2,4,6-Trichlorophenol	1700	1800	ug/Kg	106		*		59	102	
	2,4,5-Trichlorophenol	1700	1800	ug/Kg	106		*		61	98	
	1,1-Biphenyl	1700	1900	ug/Kg	112		*		57	103	
	2-Chloronaphthalene	1700	1700	ug/Kg	100		*		58	99	
	2-Nitroaniline	1700	1600	ug/Kg	94				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1700	ug/Kg	100				63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1300	ug/Kg	76				28	100	
	Acenaphthene	1700	1600	ug/Kg	94				57	104	
	2,4-Dinitrophenol	3300	3000	ug/Kg	91				37	128	
	4-Nitrophenol	3300	2600	ug/Kg	79				48	119	
	Dibenzofuran	1700	1600	ug/Kg	94				63	99	
	2,4-Dinitrotoluene	1700	1600	ug/Kg	94				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1700	ug/Kg	100		*		58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1800	ug/Kg	106		*		71	99	
	4-Bromophenyl-phenylether	1700	1800	ug/Kg	106		*		66	102	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3257

Analytical Method: 8270E

Client: CDM Smith

DataFile: BP025903.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB169936BS	Hexachlorobenzene	1700	1800	ug/Kg	106		*		64	98	
	Atrazine	1700	1700	ug/Kg	100				47	152	
	Pentachlorophenol	3300	3400	ug/Kg	103				67	105	
	Phenanthrene	1700	1600	ug/Kg	94				59	103	
	Anthracene	1700	1700	ug/Kg	100				61	105	
	Carbazole	1700	1600	ug/Kg	94				61	99	
	Di-n-butylphthalate	1700	1700	ug/Kg	100				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1700	ug/Kg	100				55	103	
	3,3-Dichlorobenzidine	1700	1400	ug/Kg	82				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1600	ug/Kg	94				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1600	ug/Kg	94				54	135	
	Di-n-octyl phthalate	1700	1600	ug/Kg	94				52	137	
	Benzo(b)fluoranthene	1700	1700	ug/Kg	100				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1700	ug/Kg	100				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1700	ug/Kg	100				63	101	
	Dibenz(a,h)anthracene	1700	1700	ug/Kg	100				61	112	
	Benzo(g,h,i)perylene	1700	1700	ug/Kg	100				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	2100	ug/Kg	124		*		53	101	
	1,4-Dioxane	1700	1300	ug/Kg	76				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1700	ug/Kg	100				59	108	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169936BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab File ID: BP025902.D

Lab Sample ID: PB169936BL

Instrument ID: BNA_P

Date Extracted: 10/01/2025

Matrix: (soil/water) SOIL

Date Analyzed: 10/01/2025

Level: (low/med) LOW

Time Analyzed: 15:49

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169936BS	PB169936BS	BP025903.D	10/01/2025
ENV1-6FT	Q3257-01	BP025906.D	10/01/2025
ENV2-6FT	Q3257-02	BP025907.D	10/01/2025
ENV2-6FTMS	Q3257-02MS	BP025908.D	10/01/2025
ENV2-6FTMSD	Q3257-02MSD	BP025909.D	10/01/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025724.D
Instrument ID: BNA_P

Contract: CAMP02
SDG NO.: Q3257
DFTPP Injection Date: 09/11/2025
DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	69.4
443	15.0 - 24.0% of mass 442	13.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025725.D	09/11/2025	08:56
SSTDICC005	SSTDICC005	BP025726.D	09/11/2025	09:37
SSTDICC010	SSTDICC010	BP025727.D	09/11/2025	10:18
SSTDICC020	SSTDICC020	BP025728.D	09/11/2025	10:59
SSTDICCC040	SSTDICCC040	BP025729.D	09/11/2025	12:21
SSTDICC060	SSTDICC060	BP025731.D	09/11/2025	13:43
SSTDICC080	SSTDICC080	BP025732.D	09/11/2025	14:24
SSTDICC050	SSTDICC050	BP025733.D	09/11/2025	15:20

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025900.D
Instrument ID: BNA_P

Contract: CAMP02
SDG NO.: Q3257
DFTPP Injection Date: 10/01/2025
DFTPP Injection Time: 14:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	32.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13.8
442	Greater than 50% of mass 198	91
443	15.0 - 24.0% of mass 442	17.7 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025901.D	10/01/2025	15:08
PB169936BL	PB169936BL	BP025902.D	10/01/2025	15:49
PB169936BS	PB169936BS	BP025903.D	10/01/2025	16:30
ENV1-6FT	Q3257-01	BP025906.D	10/01/2025	18:34
ENV2-6FT	Q3257-02	BP025907.D	10/01/2025	19:15
ENV2-6FTMS	Q3257-02MS	BP025908.D	10/01/2025	19:56
ENV2-6FTMSD	Q3257-02MSD	BP025909.D	10/01/2025	20:37

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3257

Client ID : SSTDCCC040

Date Analyzed: 10/01/2025

Lab File ID: BP025901.D

Time Analyzed: 15:08

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	258166	7.743	968218	10.51	591980	14.35
UPPER LIMIT	516332	8.243	1936440	11.007	1183960	14.854
LOWER LIMIT	129083	7.243	484109	10.007	295990	13.854
EPA SAMPLE NO.						
01 PB169936BL	202580	7.74	767867	10.51	474978	14.35
02 PB169936BS	169775	7.74	639814	10.51	385179	14.35
03 ENV1-6FT	186501	7.74	697594	10.51	448490	14.36
04 ENV2-6FT	163453	7.74	606018	10.51	367641	14.35
05 ENV2-6FTMS	185964	7.74	701384	10.50	422242	14.35
06 ENV2-6FTMSD	179543	7.74	674815	10.51	411036	14.36

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3257

Client ID: SSTDCCC040

Date Analyzed: 10/01/2025

Lab File ID: BP025901.D

Time Analyzed: 15:08

Instrument ID: BNA_P

GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1152880	17.16	1139360	21.601	1283530	24.942
UPPER LIMIT	2305760	17.66	2278720	22.101	2567060	25.442
LOWER LIMIT	576440	16.66	569680	21.101	641765	24.442
EPA SAMPLE NO.						
01 PB169936BL	939544	17.16	929664	21.61	989236	24.96
02 PB169936BS	734512	17.15	724379	21.60	789585	24.95
03 ENV1-6FT	858512	17.17	845751	21.61	909638	24.95
04 ENV2-6FT	687637	17.15	698335	21.61	789165	24.96
05 ENV2-6FTMS	814890	17.14	768586	21.60	893115	24.95
06 ENV2-6FTMSD	774966	17.17	702108	21.61	811885	24.94

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.

* Values outside of QC limits.



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169936BL	SDG No.:	Q3257
Lab Sample ID:	PB169936BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
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
BP025902.D	1	10/01/25 10:10	10/01/25 15:49	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	160	U	160	330	ug/Kg
108-95-2	Phenol	22.1	U	22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	24.3	U	24.3	170	ug/Kg
95-57-8	2-Chlorophenol	24.4	U	24.4	170	ug/Kg
95-48-7	2-Methylphenol	29.9	U	29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	37.5	U	37.5	170	ug/Kg
98-86-2	Acetophenone	29.5	U	29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	41.1	U	41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	47.4	U	47.4	80.0	ug/Kg
67-72-1	Hexachloroethane	17.6	U	17.6	170	ug/Kg
98-95-3	Nitrobenzene	18.3	U	18.3	170	ug/Kg
78-59-1	Isophorone	32.8	U	32.8	170	ug/Kg
88-75-5	2-Nitrophenol	58.2	U	58.2	170	ug/Kg
105-67-9	2,4-Dimethylphenol	64.8	U	64.8	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	30.8	U	30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	28.3	U	28.3	170	ug/Kg
91-20-3	Naphthalene	22.7	U	22.7	170	ug/Kg
106-47-8	4-Chloroaniline	35.4	U	35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	25.3	U	25.3	170	ug/Kg
105-60-2	Caprolactam	52.1	U	52.1	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28.7	U	28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	25.6	U	25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	19.8	U	19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	29.1	U	29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	21.8	U	21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	22.5	U	22.5	170	ug/Kg
88-74-4	2-Nitroaniline	48.1	U	48.1	170	ug/Kg
131-11-3	Dimethylphthalate	27.1	U	27.1	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169936BL	SDG No.:	Q3257
Lab Sample ID:	PB169936BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
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
BP025902.D	1	10/01/25 10:10	10/01/25 15:49	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	28.9	U	28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	33.6	U	33.6	170	ug/Kg
99-09-2	3-Nitroaniline	46.0	U	46.0	170	ug/Kg
83-32-9	Acenaphthene	21.3	U	21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	330	ug/Kg
132-64-9	Dibenzofuran	22.7	U	22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	50.1	U	50.1	170	ug/Kg
84-66-2	Diethylphthalate	28.3	U	28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26.7	U	26.7	170	ug/Kg
86-73-7	Fluorene	25.3	U	25.3	170	ug/Kg
100-01-6	4-Nitroaniline	64.2	U	64.2	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	32.9	U	32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27.8	U	27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	25.3	U	25.3	170	ug/Kg
1912-24-9	Atrazine	34.0	U	34.0	170	ug/Kg
87-86-5	Pentachlorophenol	51.3	U	51.3	330	ug/Kg
85-01-8	Phenanthrene	20.9	U	20.9	170	ug/Kg
120-12-7	Anthracene	33.3	U	33.3	170	ug/Kg
86-74-8	Carbazole	31.2	U	31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	47.9	U	47.9	170	ug/Kg
206-44-0	Fluoranthene	30.0	U	30.0	170	ug/Kg
129-00-0	Pyrene	36.0	U	36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	71.4	U	71.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	36.7	U	36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	23.0	U	23.0	170	ug/Kg
218-01-9	Chrysene	19.9	U	19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	59.2	U	59.2	170	ug/Kg
117-84-0	Di-n-octyl phthalate	86.8	U	86.8	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	19.0	U	19.0	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169936BL	SDG No.:	Q3257
Lab Sample ID:	PB169936BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
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
BP025902.D	1	10/01/25 10:10	10/01/25 15:49	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	22.4	U	22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	29.5	U	29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	29.1	U	29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	27.4	U	27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	25.7	U	25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	25.6	U	25.6	170	ug/Kg
123-91-1	1,4-Dioxane	45.2	U	45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	27.4	U	27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	148		18 - 112	99%	SPK: 150
13127-88-3	Phenol-d6	137		15 - 107	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	84.3		18 - 107	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.9		20 - 109	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	153		10 - 116	102%	SPK: 150
1718-51-0	Terphenyl-d14	93.4		10 - 105	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	203000		7.743		
1146-65-2	Naphthalene-d8	768000		10.507		
15067-26-2	Acenaphthene-d10	475000		14.354		
1517-22-2	Phenanthrene-d10	940000		17.16		
1719-03-5	Chrysene-d12	930000		21.613		
1520-96-3	Perylene-d12	989000		24.96		
TENTATIVE IDENTIFIED COMPOUNDS						
000646-31-1	Tetracosane	330	J		20.6	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169936BL	SDG No.:	Q3257
Lab Sample ID:	PB169936BL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:		Test:	SVOC-TCL BNA -20
Extraction Type :		Decanted :	N
Injection Volume :		Level :	LOW
	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025902.D	1	10/01/25 10:10	10/01/25 15:49	PB169936

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169936BS	SDG No.:	Q3257
Lab Sample ID:	PB169936BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
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
BP025903.D	1	10/01/25 10:10	10/01/25 16:30	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1300		160	330	ug/Kg
108-95-2	Phenol	1600		22.1	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1600		24.3	170	ug/Kg
95-57-8	2-Chlorophenol	1700		24.4	170	ug/Kg
95-48-7	2-Methylphenol	1600		29.9	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		37.5	170	ug/Kg
98-86-2	Acetophenone	1800		29.5	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		41.1	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		47.4	79.9	ug/Kg
67-72-1	Hexachloroethane	1600		17.6	170	ug/Kg
98-95-3	Nitrobenzene	1600		18.3	170	ug/Kg
78-59-1	Isophorone	1500		32.8	170	ug/Kg
88-75-5	2-Nitrophenol	1800		58.1	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1700		64.7	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1600		30.8	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		28.3	170	ug/Kg
91-20-3	Naphthalene	1600		22.7	170	ug/Kg
106-47-8	4-Chloroaniline	1100		35.4	170	ug/Kg
87-68-3	Hexachlorobutadiene	1800		25.3	170	ug/Kg
105-60-2	Caprolactam	1400		52.0	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		28.7	170	ug/Kg
91-57-6	2-Methylnaphthalene	1600		25.6	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3100	E	120	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		19.8	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		29.1	170	ug/Kg
92-52-4	1,1-Biphenyl	1900		21.8	170	ug/Kg
91-58-7	2-Chloronaphthalene	1700		22.5	170	ug/Kg
88-74-4	2-Nitroaniline	1600		48.1	170	ug/Kg
131-11-3	Dimethylphthalate	1600		27.1	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169936BS	SDG No.:	Q3257
Lab Sample ID:	PB169936BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
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
BP025903.D	1	10/01/25 10:10	10/01/25 16:30	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	1700		28.9	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		33.6	170	ug/Kg
99-09-2	3-Nitroaniline	1300		46.0	170	ug/Kg
83-32-9	Acenaphthene	1600		21.3	170	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	E	230	330	ug/Kg
100-02-7	4-Nitrophenol	2600		110	330	ug/Kg
132-64-9	Dibenzofuran	1600		22.7	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1600		50.0	170	ug/Kg
84-66-2	Diethylphthalate	1600		28.3	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		26.7	170	ug/Kg
86-73-7	Fluorene	1600		25.3	170	ug/Kg
100-01-6	4-Nitroaniline	1600		64.1	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		100	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		32.9	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		27.8	170	ug/Kg
118-74-1	Hexachlorobenzene	1800		25.3	170	ug/Kg
1912-24-9	Atrazine	1700		34.0	170	ug/Kg
87-86-5	Pentachlorophenol	3400	E	51.2	330	ug/Kg
85-01-8	Phenanthrene	1600		20.9	170	ug/Kg
120-12-7	Anthracene	1700		33.3	170	ug/Kg
86-74-8	Carbazole	1600		31.2	170	ug/Kg
84-74-2	Di-n-butylphthalate	1700		47.9	170	ug/Kg
206-44-0	Fluoranthene	1600		30.0	170	ug/Kg
129-00-0	Pyrene	1700		36.0	170	ug/Kg
85-68-7	Butylbenzylphthalate	1700		71.3	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		36.7	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		23.0	170	ug/Kg
218-01-9	Chrysene	1600		19.9	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		59.1	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		86.7	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700		19.0	170	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169936BS	SDG No.:	Q3257
Lab Sample ID:	PB169936BS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
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
BP025903.D	1	10/01/25 10:10	10/01/25 16:30	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	1600		22.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	1700		29.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		29.1	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		27.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		25.7	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2100		25.6	170	ug/Kg
123-91-1	1,4-Dioxane	1300		45.2	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		27.4	170	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	158		18 - 112	105%	SPK: 150
13127-88-3	Phenol-d6	147		15 - 107	98%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.4		18 - 107	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.5		20 - 109	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	164		10 - 116	110%	SPK: 150
1718-51-0	Terphenyl-d14	99.0		10 - 105	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	170000	7.743			
1146-65-2	Naphthalene-d8	640000	10.508			
15067-26-2	Acenaphthene-d10	385000	14.354			
1517-22-2	Phenanthrene-d10	735000	17.148			
1719-03-5	Chrysene-d12	724000	21.595			
1520-96-3	Perylene-d12	790000	24.948			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMS	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
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
BP025908.D	1	10/01/25 10:10	10/01/25 19:56	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1600		180	390	ug/Kg
108-95-2	Phenol	2100		26.1	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		28.7	200	ug/Kg
95-57-8	2-Chlorophenol	2100		28.8	200	ug/Kg
95-48-7	2-Methylphenol	2000		35.3	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		44.3	200	ug/Kg
98-86-2	Acetophenone	2300		34.8	200	ug/Kg
65794-96-9	3+4-Methylphenols	1900		48.5	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		55.9	94.4	ug/Kg
67-72-1	Hexachloroethane	2000		20.8	200	ug/Kg
98-95-3	Nitrobenzene	2000		21.6	200	ug/Kg
78-59-1	Isophorone	1900		38.7	200	ug/Kg
88-75-5	2-Nitrophenol	2300		68.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		76.5	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		36.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		33.4	200	ug/Kg
91-20-3	Naphthalene	2100		26.8	200	ug/Kg
106-47-8	4-Chloroaniline	990		41.8	200	ug/Kg
87-68-3	Hexachlorobutadiene	2200		29.9	200	ug/Kg
105-60-2	Caprolactam	1700		61.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2000		33.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	2000		30.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3400	E	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400		23.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2300		34.3	200	ug/Kg
92-52-4	1,1-Biphenyl	2400		25.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	2200		26.6	200	ug/Kg
88-74-4	2-Nitroaniline	2100		56.8	200	ug/Kg
131-11-3	Dimethylphthalate	2100		32.0	200	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMS	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
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
BP025908.D	1	10/01/25 10:10	10/01/25 19:56	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2200		34.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	2200		39.7	200	ug/Kg
99-09-2	3-Nitroaniline	1400		54.3	200	ug/Kg
83-32-9	Acenaphthene	2100		25.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	270	390	ug/Kg
100-02-7	4-Nitrophenol	3600	E	130	390	ug/Kg
132-64-9	Dibenzofuran	2100		26.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		59.1	200	ug/Kg
84-66-2	Diethylphthalate	2000		33.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		31.5	200	ug/Kg
86-73-7	Fluorene	2100		29.9	200	ug/Kg
100-01-6	4-Nitroaniline	1900		75.8	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2300		38.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2300		32.8	200	ug/Kg
118-74-1	Hexachlorobenzene	2300		29.9	200	ug/Kg
1912-24-9	Atrazine	2200		40.1	200	ug/Kg
87-86-5	Pentachlorophenol	4500	E	60.5	390	ug/Kg
85-01-8	Phenanthrene	2100		24.7	200	ug/Kg
120-12-7	Anthracene	2200		39.3	200	ug/Kg
86-74-8	Carbazole	2100		36.8	200	ug/Kg
84-74-2	Di-n-butylphthalate	2100		56.5	200	ug/Kg
206-44-0	Fluoranthene	2000		35.4	200	ug/Kg
129-00-0	Pyrene	2200		42.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	2200		84.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800		43.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	2200		27.1	200	ug/Kg
218-01-9	Chrysene	2100		23.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		69.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200		22.4	200	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMS	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
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
BP025908.D	1	10/01/25 10:10	10/01/25 19:56	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2100		26.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	2100		34.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2200		34.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2300		32.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2300		30.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2600		30.2	200	ug/Kg
123-91-1	1,4-Dioxane	1800		53.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2300		32.3	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	75.9		18 - 112	51%	SPK: 150
13127-88-3	Phenol-d6	75.8		15 - 107	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	45.5		18 - 107	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	47.3		20 - 109	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	95.7		10 - 116	64%	SPK: 150
1718-51-0	Terphenyl-d14	62.4		10 - 105	62%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	186000	7.737			
1146-65-2	Naphthalene-d8	701000	10.502			
15067-26-2	Acenaphthene-d10	422000	14.354			
1517-22-2	Phenanthrene-d10	815000	17.142			
1719-03-5	Chrysene-d12	769000	21.595			
1520-96-3	Perylene-d12	893000	24.954			

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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMSD	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
Sample Wt/Vol:	30.05 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
BP025909.D	1	10/01/25 10:10	10/01/25 20:37	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1600		180	390	ug/Kg
108-95-2	Phenol	2100		26.0	200	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		28.6	200	ug/Kg
95-57-8	2-Chlorophenol	2200		28.8	200	ug/Kg
95-48-7	2-Methylphenol	2000		35.2	200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1800		44.2	200	ug/Kg
98-86-2	Acetophenone	2300		34.8	200	ug/Kg
65794-96-9	3+4-Methylphenols	1900		48.4	390	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		55.9	94.3	ug/Kg
67-72-1	Hexachloroethane	2100		20.7	200	ug/Kg
98-95-3	Nitrobenzene	2100		21.6	200	ug/Kg
78-59-1	Isophorone	2000		38.7	200	ug/Kg
88-75-5	2-Nitrophenol	2300		68.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		76.4	200	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2000		36.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		33.4	200	ug/Kg
91-20-3	Naphthalene	2100		26.8	200	ug/Kg
106-47-8	4-Chloroaniline	1000		41.7	200	ug/Kg
87-68-3	Hexachlorobutadiene	2200		29.8	200	ug/Kg
105-60-2	Caprolactam	1800		61.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2000		33.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	2000		30.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3500	E	140	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400		23.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2300		34.3	200	ug/Kg
92-52-4	1,1-Biphenyl	2400		25.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	2200		26.5	200	ug/Kg
88-74-4	2-Nitroaniline	2100		56.7	200	ug/Kg
131-11-3	Dimethylphthalate	2000		31.9	200	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMSD	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
Sample Wt/Vol:	30.05 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
BP025909.D	1	10/01/25 10:10	10/01/25 20:37	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2200		34.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		39.6	200	ug/Kg
99-09-2	3-Nitroaniline	1400		54.2	200	ug/Kg
83-32-9	Acenaphthene	2100		25.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	3200	E	270	390	ug/Kg
100-02-7	4-Nitrophenol	3500	E	130	390	ug/Kg
132-64-9	Dibenzofuran	2100		26.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	2100		59.1	200	ug/Kg
84-66-2	Diethylphthalate	2000		33.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2100		31.5	200	ug/Kg
86-73-7	Fluorene	2100		29.8	200	ug/Kg
100-01-6	4-Nitroaniline	1900		75.7	200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		120	390	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2300		38.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2400		32.8	200	ug/Kg
118-74-1	Hexachlorobenzene	2400		29.8	200	ug/Kg
1912-24-9	Atrazine	2200		40.1	200	ug/Kg
87-86-5	Pentachlorophenol	4500	E	60.5	390	ug/Kg
85-01-8	Phenanthrene	2100		24.6	200	ug/Kg
120-12-7	Anthracene	2100		39.2	200	ug/Kg
86-74-8	Carbazole	2100		36.8	200	ug/Kg
84-74-2	Di-n-butylphthalate	2100		56.5	200	ug/Kg
206-44-0	Fluoranthene	2000		35.4	200	ug/Kg
129-00-0	Pyrene	2300		42.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	2300		84.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800		43.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	2200		27.1	200	ug/Kg
218-01-9	Chrysene	2200		23.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		69.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		100	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	2200		22.4	200	ug/Kg

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMSD	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	84.7
Sample Wt/Vol:	30.05 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
BP025909.D	1	10/01/25 10:10	10/01/25 20:37	PB169936

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	2100		26.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	2100		34.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2300		34.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2300		32.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	2300		30.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2600		30.2	200	ug/Kg
123-91-1	1,4-Dioxane	1800		53.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2200		32.3	200	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	76.3		18 - 112	51%	SPK: 150
13127-88-3	Phenol-d6	76.0		15 - 107	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	46.0		18 - 107	46%	SPK: 100
321-60-8	2-Fluorobiphenyl	47.4		20 - 109	47%	SPK: 100
118-79-6	2,4,6-Tribromophenol	94.4		10 - 116	63%	SPK: 150
1718-51-0	Terphenyl-d14	62.7		10 - 105	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	180000	7.743			
1146-65-2	Naphthalene-d8	675000	10.507			
15067-26-2	Acenaphthene-d10	411000	14.36			
1517-22-2	Phenanthrene-d10	775000	17.166			
1719-03-5	Chrysene-d12	702000	21.607			
1520-96-3	Perylene-d12	812000	24.942			

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



CALIBRATION SUMMARY

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025
Response Via : Initial Calibration

Calibration Files

2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP025732.D

Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1) I 1,4-Dichlorobenzen...	-----ISTD-----									
2) 1,4-Dioxane	0.565	0.497	0.558	0.546	0.514	0.493	0.469	0.520	7.02	
3) Pyridine	1.376	1.317	1.526	1.566	1.464	1.400	1.380	1.432	6.23	
4) n-Nitrosodimet...	0.639	0.715	0.721	0.680	0.652	0.648	0.676	0.676	5.26	
5) S 2-Fluorophenol	1.139	1.123	1.320	1.362	1.282	1.238	1.213	1.240	7.19	
6) Aniline	1.980	1.981	2.462	2.509	2.372	2.265	2.263	2.262	9.42	
7) S Phenol-d6	1.391	1.460	1.793	1.861	1.726	1.658	1.643	1.648	10.33	
8) 2-Chlorophenol	1.229	1.196	1.448	1.508	1.410	1.366	1.361	1.360	8.28	
9) Benzaldehyde	1.037	0.748	0.875	1.207	1.077	0.981	0.987	0.987	16.23	
10) C Phenol	1.512	1.525	1.848	1.964	1.819	1.751	1.741	1.737	9.59	
11) bis(2-Chloroet...	1.313	1.222	1.508	1.555	1.438	1.368	1.365	1.396	8.20	
12) 1,3-Dichlorobe...	1.550	1.447	1.662	1.674	1.548	1.489	1.464	1.548	5.87	
13) C 1,4-Dichlorobe...	1.550	1.475	1.698	1.690	1.590	1.539	1.492	1.576	5.63	
14) 1,2-Dichlorobe...	1.529	1.432	1.634	1.653	1.542	1.485	1.445	1.531	5.64	
15) Benzyl Alcohol	1.092	1.425	1.510	1.411	1.350	1.380	1.361	1.361	10.49	
16) 2,2'-oxybis(1-...	2.241	2.133	2.476	2.493	2.291	2.164	2.179	2.282	6.47	
17) 2-Methylphenol	0.973	1.030	1.268	1.319	1.231	1.185	1.192	1.171	10.72	
18) Hexachloroethane	0.603	0.557	0.633	0.647	0.609	0.588	0.579	0.602	5.18	
19) P n-Nitroso-di-n...	0.961	1.032	1.047	1.300	1.320	1.230	1.151	1.151	11.29	
20) 3+4-Methylphenols	1.352	1.721	1.819	1.693	1.625	1.633	1.640	1.640	9.62	
21) I Naphthalene-d8	-----ISTD-----									
22) Acetophenone	0.474	0.488	0.583	0.588	0.550	0.538	0.520	0.534	8.19	
23) S Nitrobenzene-d5	0.416	0.410	0.490	0.496	0.467	0.455	0.440	0.453	7.43	
24) Nitrobenzene	0.366	0.363	0.440	0.449	0.418	0.411	0.400	0.407	8.15	
25) Isophorone	0.737	0.726	0.862	0.860	0.815	0.791	0.787	0.797	6.76	
26) C 2-Nitrophenol	0.141	0.154	0.190	0.203	0.193	0.192	0.192	0.181	12.86	
27) 2,4-Dimethylph...	0.263	0.286	0.345	0.356	0.327	0.320	0.320	0.317	10.24	
28) bis(2-Chloroet...	0.414	0.423	0.510	0.498	0.474	0.452	0.453	0.461	7.83	
29) C 2,4-Dichloroph...	0.267	0.270	0.339	0.349	0.337	0.327	0.323	0.316	10.66	
30) 1,2,4-Trichlor...	0.355	0.335	0.377	0.378	0.357	0.346	0.343	0.356	4.60	
31) Naphthalene	1.072	1.028	1.164	1.147	1.084	1.044	1.010	1.078	5.41	
32) Benzoic acid	0.170	0.214	0.261	0.253	0.257	0.259	0.236	0.236	15.62	
33) 4-Chloroaniline	0.343	0.391	0.489	0.510	0.477	0.465	0.471	0.449	13.27	
34) C Hexachlorobuta...	0.226	0.219	0.247	0.242	0.227	0.226	0.217	0.229	4.97	
35) Caprolactam	0.105	0.127	0.132	0.123	0.120	0.123	0.122	0.122	7.52	
36) C 4-Chloro-3-met...	0.328	0.338	0.406	0.414	0.394	0.377	0.380	0.377	8.72	
37) 2-Methylnaphth...	0.662	0.639	0.758	0.747	0.698	0.677	0.666	0.693	6.47	
38) 1-Methylnaphth...	0.726	0.691	0.807	0.800	0.731	0.713	0.703	0.739	6.25	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP091225.M

39) I	Acenaphthene-d10	-----ISTD-----								
40)	1,2,4,5-Tetrac...	0.590	0.561	0.653	0.660	0.607	0.604	0.568	0.606	6.33
41) P	Hexachlorocycl...	0.225	0.326	0.380	0.351	0.347	0.351	0.330		16.40
42) S	2,4,6-Tribromo...	0.227	0.227	0.270	0.277	0.250	0.249	0.246	0.249	7.67
43) C	2,4,6-Trichlor...	0.340	0.354	0.435	0.445	0.409	0.409	0.397	0.398	9.86
44)	2,4,5-Trichlor...	0.375	0.389	0.482	0.501	0.459	0.457	0.441	0.443	10.43
45) S	2-Fluorobiphenyl	1.563	1.470	1.655	1.596	1.479	1.434	1.318	1.502	7.50
46)	1,1'-Biphenyl	1.458	1.375	1.599	1.587	1.465	1.425	1.366	1.468	6.37
47)	2-Chloronaphth...	1.140	1.090	1.252	1.240	1.164	1.132	1.073	1.156	5.96
48)	2-Nitroaniline	0.309	0.332	0.416	0.439	0.399	0.402	0.401	0.385	12.14
49)	Acenaphthylene	1.877	1.791	2.095	2.058	1.904	1.871	1.810	1.915	6.12
50)	Dimethylphthalate	1.545	1.433	1.682	1.659	1.493	1.446	1.430	1.527	6.95
51)	2,6-Dinitrotol...	0.286	0.291	0.353	0.358	0.329	0.330	0.318	0.324	8.57
52) C	Acenaphthene	1.129	1.052	1.207	1.195	1.084	1.055	1.010	1.104	6.80
53)	3-Nitroaniline	0.266	0.282	0.370	0.394	0.358	0.357	0.355	0.340	13.91
54) P	2,4-Dinitrophenol	0.108	0.173	0.209	0.201	0.201	0.201	0.209	0.183	21.35
55)	Dibenzofuran	1.834	1.754	1.967	1.922	1.766	1.719	1.640	1.800	6.39
56) P	4-Nitrophenol	0.148	0.255	0.307	0.273	0.280	0.288	0.258		22.01
57)	2,4-Dinitrotol...	0.382	0.398	0.501	0.521	0.484	0.471	0.467	0.460	11.27
58)	Fluorene	1.485	1.382	1.579	1.546	1.385	1.350	1.292	1.431	7.46
59)	2,3,4,6-Tetrac...	0.362	0.361	0.434	0.446	0.404	0.393	0.395	0.399	8.21
60)	Diethylphthalate	1.573	1.472	1.697	1.644	1.518	1.473	1.465	1.549	5.98
61)	4-Chlorophenyl...	0.755	0.699	0.791	0.769	0.704	0.681	0.651	0.721	7.07
62)	4-Nitroaniline	0.258	0.281	0.381	0.404	0.373	0.376	0.365	0.349	15.91
63)	Azobenzene	1.421	1.383	1.648	1.643	1.510	1.468	1.410	1.498	7.29
64) I	Phenanthrene-d10	-----ISTD-----								
65)	4,6-Dinitro-2-...	0.093	0.135	0.151	0.143	0.137	0.139	0.133		15.14
66) c	n-Nitrosodiphe...	0.597	0.573	0.681	0.664	0.628	0.594	0.547	0.612	7.88
67)	4-Bromophenyl-...	0.213	0.202	0.240	0.238	0.226	0.213	0.205	0.220	6.85
68)	Hexachlorobenzene	0.243	0.230	0.266	0.261	0.248	0.236	0.231	0.245	5.77
69)	Atrazine	0.215	0.210	0.260	0.260	0.240	0.227	0.227	0.234	8.54
70) C	Pentachlorophenol	0.132	0.168	0.179	0.167	0.161	0.163	0.162		9.85
71)	Phenanthrene	1.163	1.095	1.247	1.213	1.131	1.065	1.027	1.135	6.96
72)	Anthracene	1.120	1.086	1.280	1.237	1.183	1.107	1.044	1.151	7.39
73)	Carbazole	0.994	0.998	1.185	1.173	1.105	1.038	0.999	1.070	7.82
74)	Di-n-butylphth...	1.232	1.213	1.468	1.438	1.339	1.281	1.220	1.313	8.00
75) C	Fluoranthene	1.387	1.294	1.511	1.447	1.351	1.293	1.242	1.361	6.96
76) I	Chrysene-d12	-----ISTD-----								
77)	Benzidine	0.523	0.537	0.653	0.631	0.578	0.536	0.576		9.47
78)	Pyrene	1.307	1.243	1.444	1.430	1.337	1.308	1.274	1.335	5.71
79) S	Terphenyl-d14	1.133	1.093	1.198	1.177	1.111	1.054	1.017	1.112	5.78
80)	Butylbenzylphth...	0.519	0.511	0.636	0.647	0.608	0.587	0.588	0.585	9.02
81)	Benzo(a)anthra...	1.346	1.302	1.471	1.453	1.378	1.330	1.305	1.369	5.02
82)	3,3'-Dichlorob...	0.425	0.499	0.518	0.488	0.468	0.442	0.473		7.45
83)	Chrysene	1.316	1.253	1.397	1.375	1.317	1.268	1.210	1.305	5.11
84)	Bis(2-ethylhex...	0.800	0.781	0.930	0.945	0.861	0.857	0.818	0.856	7.31
85) c	Di-n-octyl pht...	1.315	1.604	1.670	1.531	1.513	1.504	1.523		7.87

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.340	1.334	1.533	1.596	1.506	1.485	1.386	1.454	6.99
88)	Benzo(b)fluora...	1.124	1.145	1.304	1.336	1.252	1.216	1.186	1.223	6.45
89)	Benzo(k)fluora...	1.228	1.170	1.367	1.341	1.258	1.220	1.151	1.248	6.51
90) C	Benzo(a)pyrene	1.131	1.100	1.276	1.307	1.221	1.208	1.141	1.198	6.45
91)	Dibenzo(a,h)an...	1.116	1.075	1.254	1.297	1.239	1.208	1.143	1.190	6.79
92)	Benzo(g,h,i)pe...	1.090	1.078	1.225	1.267	1.210	1.197	1.125	1.170	6.20

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3257</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>10/01/2025 15:08</u>
Lab File ID:	<u>BP025901.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>08:56 15:20</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.293		4.3	
Benzaldehyde	0.987	1.238		25.4	
Phenol-d6	1.648	1.614		-2.1	
Phenol	1.737	1.688		-2.8	20.0
bis(2-Chloroethyl)ether	1.396	1.322		-5.3	
2-Chlorophenol	1.360	1.371		0.8	
2-Methylphenol	1.171	1.117		-4.6	
2,2-oxybis(1-Chloropropane)	2.283	1.861		-18.5	
Acetophenone	0.534	0.539		0.9	
3+4-Methylphenols	1.640	1.483		-9.6	
n-Nitroso-di-n-propylamine	1.149	0.980	0.050	-14.7	
Nitrobenzene-d5	0.453	0.448		-1.1	
Hexachloroethane	0.602	0.591		-1.8	
Nitrobenzene	0.407	0.398		-2.2	
Isophorone	0.797	0.742		-6.9	
2-Nitrophenol	0.181	0.201		11.1	20.0
2,4-Dimethylphenol	0.317	0.319		0.6	
bis(2-Chloroethoxy)methane	0.461	0.451		-2.2	
2,4-Dichlorophenol	0.316	0.328		3.8	20.0
Naphthalene	1.078	1.059		-1.8	
4-Chloroaniline	0.449	0.453		0.9	
Hexachlorobutadiene	0.229	0.245		7.0	20.0
Caprolactam	0.122	0.132		8.2	
4-Chloro-3-methylphenol	0.377	0.357		-5.3	20.0
2-Methylnaphthalene	0.693	0.663		-4.3	
Hexachlorocyclopentadiene	0.330	0.315	0.050	-4.5	
2,4,6-Trichlorophenol	0.398	0.446		12.1	20.0
2-Fluorobiphenyl	1.502	1.562		4.0	
2,4,5-Trichlorophenol	0.443	0.475		7.2	
1,1-Biphenyl	1.468	1.518		3.4	
2-Chloronaphthalene	1.156	1.202		4.0	
2-Nitroaniline	0.385	0.375		-2.6	
Dimethylphthalate	1.527	1.464		-4.1	
Acenaphthylene	1.915	1.920		0.3	
2,6-Dinitrotoluene	0.324	0.330		1.9	
3-Nitroaniline	0.340	0.346		1.8	
Acenaphthene	1.104	1.098		-0.5	20.0
2,4-Dinitrophenol	0.183	0.207	0.050	13.1	
4-Nitrophenol	0.258	0.330	0.050	27.9	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3257</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>10/01/2025 15:08</u>
Lab File ID:	<u>BP025901.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>08:56 15:20</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.800	1.748		-2.9	
2,4-Dinitrotoluene	0.460	0.468		1.7	
Diethylphthalate	1.549	1.444		-6.8	
4-Chlorophenyl-phenylether	0.721	0.728		1.0	
Fluorene	1.431	1.410		-1.5	
4-Nitroaniline	0.349	0.354		1.4	
4,6-Dinitro-2-methylphenol	0.133	0.150		12.8	
n-Nitrosodiphenylamine	0.612	0.632		3.3	20.0
2,4,6-Tribromophenol	0.249	0.274		10.0	
4-Bromophenyl-phenylether	0.220	0.238		8.2	
Hexachlorobenzene	0.245	0.267		9.0	
Atrazine	0.234	0.236		0.9	
Pentachlorophenol	0.162	0.172		6.2	20.0
Phenanthrene	1.135	1.128		-0.6	
Anthracene	1.151	1.153		0.2	
Carbazole	1.070	1.042		-2.6	
Di-n-butylphthalate	1.313	1.293		-1.5	
Fluoranthene	1.361	1.317		-3.2	20.0
Pyrene	1.335	1.344		0.7	
Terphenyl-d14	1.112	1.159		4.2	
Butylbenzylphthalate	0.585	0.597		2.1	
3,3-Dichlorobenzidine	0.473	0.504		6.6	
Benzo (a) anthracene	1.369	1.352		-1.2	
Chrysene	1.305	1.283		-1.7	
Bis(2-ethylhexyl)phthalate	0.856	0.844		-1.4	
Di-n-octyl phthalate	1.523	1.517		-0.4	20.0
Benzo (b) fluoranthene	1.223	1.207		-1.3	
Benzo (k) fluoranthene	1.248	1.197		-4.1	
Benzo (a) pyrene	1.198	1.182		-1.3	20.0
Indeno (1,2,3-cd) pyrene	1.454	1.482		1.9	
Dibenzo (a,h) anthracene	1.190	1.214		2.0	
Benzo (g,h,i) perylene	1.171	1.194		2.0	
1,2,4,5-Tetrachlorobenzene	0.606	0.678		11.9	
1,4-Dioxane	0.520	0.513		-1.3	20.0
2,3,4,6-Tetrachlorophenol	0.399	0.412		3.3	

All other compounds must meet a minimum RRF of 0.010.

LAB CHRONICLE

OrderID:	Q3257	OrderDate:	9/30/2025 2:40:01 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3257-01	ENV1-6FT	SOIL			09/30/25			09/30/25
			PCB	8082A		10/01/25	10/01/25	
			Pesticide-TCL	8081B		10/01/25	10/01/25	
Q3257-02	ENV2-6FT	SOIL			09/29/25			09/30/25
			PCB	8082A		10/01/25	10/01/25	
			Pesticide-TCL	8081B		10/01/25	10/01/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q3257

Order ID: Q3257

Client: CDM Smith

Project ID: MWCO CJO WTP Edison 295110

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

Total Concentration: 0.000

A
B
C
D
E
F
G
H



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.3
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097486.D	1	10/01/25 09:36	10/01/25 15:06	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	2.00	ug/kg
319-85-7	beta-BHC	0.21	U	0.21	2.00	ug/kg
319-86-8	delta-BHC	0.46	U	0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	2.00	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	2.00	ug/kg
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.23	U	0.23	2.00	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.00	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.00	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.00	ug/kg
72-20-8	Endrin	0.17	U	0.17	2.00	ug/kg
33213-65-9	Endosulfan II	0.34	U	0.34	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.00	ug/kg
72-43-5	Methoxychlor	0.44	U	0.44	2.00	ug/kg
53494-70-5	Endrin ketone	0.23	U	0.23	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.44	U	0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	0.18	U	0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	39.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	10.2		20 - 144	51%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.6		19 - 148	63%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	09/30/25	
Project:	MWCO CJO WTP Edison 295110		Date Received:	09/30/25	
Client Sample ID:	ENV1-6FT		SDG No.:	Q3257	
Lab Sample ID:	Q3257-01		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	84.3	Decanted:
Sample Wt/Vol:	30.01	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
PL097486.D	1	10/01/25 09:36	10/01/25 15:06	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097487.D	1	10/01/25 09:36	10/01/25 15:20	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.15	U	0.15	2.00	ug/kg
319-85-7	beta-BHC	0.21	U	0.21	2.00	ug/kg
319-86-8	delta-BHC	0.46	U	0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	0.17	U	0.17	2.00	ug/kg
76-44-8	Heptachlor	0.14	U	0.14	2.00	ug/kg
309-00-2	Aldrin	0.14	U	0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	0.22	U	0.22	2.00	ug/kg
959-98-8	Endosulfan I	0.17	U	0.17	2.00	ug/kg
60-57-1	Dieldrin	0.17	U	0.17	2.00	ug/kg
72-55-9	4,4-DDE	0.17	U	0.17	2.00	ug/kg
72-20-8	Endrin	0.17	U	0.17	2.00	ug/kg
33213-65-9	Endosulfan II	0.34	U	0.34	2.00	ug/kg
72-54-8	4,4-DDD	0.18	U	0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	0.15	U	0.15	2.00	ug/kg
50-29-3	4,4-DDT	0.17	U	0.17	2.00	ug/kg
72-43-5	Methoxychlor	0.44	U	0.44	2.00	ug/kg
53494-70-5	Endrin ketone	0.22	U	0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	0.44	U	0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	0.14	U	0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	0.18	U	0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	38.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.2		20 - 144	71%	SPK: 20
877-09-8	Tetrachloro-m-xylene	13.9		19 - 148	70%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097487.D	1	10/01/25 09:36	10/01/25 15:20	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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



QC SUMMARY

Surrogate Summary

SDG No.: **Q3257**

Client: **CDM Smith**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PL097268.D	PIBLK-PL097268.D	Decachlorobiphen	1	20	17.3	87		57	171
		Tetrachloro-m-xyl	1	20	15.6	78		61	148
		Decachlorobiphen	2	20	17.1	86		57	171
		Tetrachloro-m-xyl	2	20	16.0	80		61	148
I.BLK-PL097467.D	PIBLK-PL097467.D	Decachlorobiphen	1	20	24.8	124		57	171
		Tetrachloro-m-xyl	1	20	21.9	109		61	148
		Decachlorobiphen	2	20	20.3	102		57	171
		Tetrachloro-m-xyl	2	20	20.2	101		61	148
PB169933BL	PB169933BL	Decachlorobiphen	1	20	22.8	114		20	144
		Tetrachloro-m-xyl	1	20	20.2	101		19	148
		Decachlorobiphen	2	20	20.0	100		20	144
		Tetrachloro-m-xyl	2	20	19.8	99		19	148
PB169933BS	PB169933BS	Decachlorobiphen	1	20	20.4	102		20	144
		Tetrachloro-m-xyl	1	20	17.4	87		19	148
		Decachlorobiphen	2	20	17.7	88		20	144
		Tetrachloro-m-xyl	2	20	17.0	85		19	148
I.BLK-PL097482.D	PIBLK-PL097482.D	Decachlorobiphen	1	20	24.7	124		57	171
		Tetrachloro-m-xyl	1	20	21.1	106		61	148
		Decachlorobiphen	2	20	21.5	108		57	171
		Tetrachloro-m-xyl	2	20	20.6	103		61	148
Q3257-01	ENV1-6FT	Decachlorobiphen	1	20	10.2	51		20	144
		Tetrachloro-m-xyl	1	20	12.6	63		19	148
		Decachlorobiphen	2	20	8.67	43		20	144
		Tetrachloro-m-xyl	2	20	12.2	61		19	148
Q3257-02	ENV2-6FT	Decachlorobiphen	1	20	14.2	71		20	144
		Tetrachloro-m-xyl	1	20	13.9	70		19	148
		Decachlorobiphen	2	20	12.3	62		20	144
		Tetrachloro-m-xyl	2	20	13.7	68		19	148
Q3257-02MS	ENV2-6FTMS	Decachlorobiphen	1	20	15.1	76		20	144
		Tetrachloro-m-xyl	1	20	14.1	70		19	148
		Decachlorobiphen	2	20	12.9	64		20	144
		Tetrachloro-m-xyl	2	20	13.8	69		19	148
Q3257-02MSD	ENV2-6FTMSD	Decachlorobiphen	1	20	15.0	75		20	144
		Tetrachloro-m-xyl	1	20	14.3	72		19	148
		Decachlorobiphen	2	20	13.2	66		20	144
		Tetrachloro-m-xyl	2	20	13.8	69		19	148
I.BLK-PL097490.D	PIBLK-PL097490.D	Decachlorobiphen	1	20	24.6	123		57	171
		Tetrachloro-m-xyl	1	20	21.3	107		61	148
		Decachlorobiphen	2	20	21.4	107		57	171
		Tetrachloro-m-xyl	2	20	20.5	103		61	148

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3257 Analytical Method: 8081B
Client: CDM Smith DataFile : PL097488.D

	Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD		Low	Limits	RPD
			Result				Qual	RPD	Qual		High	
Lab Sample ID:	Q3257-02MS (Column 1)	Client Sample ID:		ENV2-6FTMS								
	alpha-BHC	19.66	0	13.6	ug/kg	69				60	144	
	beta-BHC	19.66	0	13.8	ug/kg	70				54	143	
	delta-BHC	19.66	0	13.9	ug/kg	71				29	151	
	gamma-BHC (Lindane)	19.66	0	13.4	ug/kg	68				61	140	
	Heptachlor	19.66	0	12.4	ug/kg	63				63	135	
	Aldrin	19.66	0	13.2	ug/kg	67				49	139	
	Heptachlor epoxide	19.66	0	14.2	ug/kg	72				41	156	
	Endosulfan I	19.66	0	13.5	ug/kg	69				56	142	
	Dieldrin	19.66	0	13.9	ug/kg	71				47	161	
	4,4'-DDE	19.66	0	14.3	ug/kg	73				55	136	
	Endrin	19.66	0	13.1	ug/kg	67				57	139	
	Endosulfan II	19.66	0	13.4	ug/kg	68				40	163	
	4,4'-DDD	19.66	0	15.5	ug/kg	79				47	163	
	Endosulfan sulfate	19.66	0	14.1	ug/kg	72				62	139	
	4,4'-DDT	19.66	0	11.8	ug/kg	60				51	146	
	Methoxychlor	19.66	0	11.8	ug/kg	60				54	136	
	Endrin ketone	19.66	0	14.8	ug/kg	75				60	129	
	Endrin aldehyde	19.66	0	14.0	ug/kg	71				59	132	
	alpha-Chlordane	19.66	0	13.5	ug/kg	69				39	166	
	gamma-Chlordane	19.66	0	14.1	ug/kg	72				44	175	
Lab Sample ID:	Q3257-02MS (Column 2)	Client Sample ID:		ENV2-6FTMS								
	alpha-BHC	19.66	0	13.1	ug/kg	67				60	144	
	beta-BHC	19.66	0	14.8	ug/kg	75				54	143	
	delta-BHC	19.66	0	12.8	ug/kg	65				29	151	
	gamma-BHC (Lindane)	19.66	0	12.9	ug/kg	66				61	140	
	Heptachlor	19.66	0	12.0	ug/kg	61	*			63	135	
	Aldrin	19.66	0	12.9	ug/kg	66				49	139	
	Heptachlor epoxide	19.66	0	13.1	ug/kg	67				41	156	
	Endosulfan I	19.66	0	13.0	ug/kg	66				56	142	
	Dieldrin	19.66	0	13.0	ug/kg	66				47	161	
	4,4'-DDE	19.66	0	13.0	ug/kg	66				55	136	
	Endrin	19.66	0	12.4	ug/kg	63				57	139	
	Endosulfan II	19.66	0	12.9	ug/kg	66				40	163	
	4,4'-DDD	19.66	0	13.3	ug/kg	68				47	163	
	Endosulfan sulfate	19.66	0	12.6	ug/kg	64				62	139	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3257</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PL097488.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits		RPD
		Result	Result							High		
4,4'-DDT	19.66	0	10.3	ug/kg	52				51	146		
Methoxychlor	19.66	0	10.4	ug/kg	53	*			54	136		
Endrin ketone	19.66	0	12.8	ug/kg	65				60	129		
Endrin aldehyde	19.66	0	11.1	ug/kg	56	*			59	132		
alpha-Chlordane	19.66	0	13.1	ug/kg	67				39	166		
gamma-Chlordane	19.66	0	12.9	ug/kg	66				44	175		

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3257</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PL097489.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Low	Limits		RPD
			Result					Qual	RPD		High		
Lab Sample ID:	Q3257-02MSD (Column 1)	Client Sample ID:		ENV2-6FTMSD									
	alpha-BHC	19.63	0	13.7	ug/kg	70		1		60	144		20
	beta-BHC	19.63	0	13.9	ug/kg	71		1		54	143		20
	delta-BHC	19.63	0	13.8	ug/kg	70		1		29	151		20
	gamma-BHC (Lindane)	19.63	0	13.4	ug/kg	68		0		61	140		20
	Heptachlor	19.63	0	12.5	ug/kg	64		2		63	135		20
	Aldrin	19.63	0	13.4	ug/kg	68		1		49	139		20
	Heptachlor epoxide	19.63	0	14.3	ug/kg	73		1		41	156		20
	Endosulfan I	19.63	0	13.7	ug/kg	70		1		56	142		20
	Dieldrin	19.63	0	14.0	ug/kg	71		0		47	161		20
	4,4'-DDE	19.63	0	14.5	ug/kg	74		1		55	136		20
	Endrin	19.63	0	13.2	ug/kg	67		0		57	139		20
	Endosulfan II	19.63	0	13.6	ug/kg	69		1		40	163		20
	4,4'-DDD	19.63	0	15.7	ug/kg	80		1		47	163		20
	Endosulfan sulfate	19.63	0	14.1	ug/kg	72		0		62	139		20
	4,4'-DDT	19.63	0	11.6	ug/kg	59		2		51	146		20
	Methoxychlor	19.63	0	11.7	ug/kg	60		0		54	136		20
	Endrin ketone	19.63	0	14.9	ug/kg	76		1		60	129		20
	Endrin aldehyde	19.63	0	13.2	ug/kg	67		6		59	132		20
	alpha-Chlordane	19.63	0	13.6	ug/kg	69		0		39	166		20
	gamma-Chlordane	19.63	0	14.3	ug/kg	73		1		44	175		20
Lab Sample ID:	Q3257-02MSD (Column 2)	Client Sample ID:		ENV2-6FTMSD									
	alpha-BHC	19.63	0	13.2	ug/kg	67		0		60	144		20
	beta-BHC	19.63	0	14.8	ug/kg	75		0		54	143		20
	delta-BHC	19.63	0	12.8	ug/kg	65		0		29	151		20
	gamma-BHC (Lindane)	19.63	0	13.0	ug/kg	66		0		61	140		20
	Heptachlor	19.63	0	12.0	ug/kg	61	*	0		63	135		20
	Aldrin	19.63	0	13.0	ug/kg	66		0		49	139		20
	Heptachlor epoxide	19.63	0	13.2	ug/kg	67		0		41	156		20
	Endosulfan I	19.63	0	13.0	ug/kg	66		0		56	142		20
	Dieldrin	19.63	0	13.1	ug/kg	67		2		47	161		20
	4,4'-DDE	19.63	0	13.1	ug/kg	67		2		55	136		20
	Endrin	19.63	0	12.3	ug/kg	63		0		57	139		20
	Endosulfan II	19.63	0	13.0	ug/kg	66		0		40	163		20
	4,4'-DDD	19.63	0	13.5	ug/kg	69		1		47	163		20
	Endosulfan sulfate	19.63	0	12.6	ug/kg	64		0		62	139		20

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3257</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PL097489.D</u>

Parameter	Spike	Sample		Units	Rec	Rec Qual	RPD		Limits		
		Result	Result				RPD	Qual	Low	High	RPD
4,4'-DDT	19.63	0	10.2	ug/kg	52		0		51	146	20
Methoxychlor	19.63	0	10.2	ug/kg	52	*	2		54	136	20
Endrin ketone	19.63	0	12.9	ug/kg	66		2		60	129	20
Endrin aldehyde	19.63	0	10.5	ug/kg	53	*	6		59	132	20
alpha-Chlordane	19.63	0	13.2	ug/kg	67		0		39	166	20
gamma-Chlordane	19.63	0	13.1	ug/kg	67		2		44	175	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3257</u>	Analytical Method:	<u>8081B</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PL097481.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169933BS (Column 1)	alpha-BHC	16.65	15.0	ug/kg	90				84	123		
	beta-BHC	16.65	15.0	ug/kg	90				82	123		
	delta-BHC	16.65	15.6	ug/kg	94				83	126		
	gamma-BHC (Lindane)	16.65	14.8	ug/kg	89				83	125		
	Heptachlor	16.65	14.4	ug/kg	86				83	122		
	Aldrin	16.65	14.7	ug/kg	88				82	124		
	Heptachlor epoxide	16.65	15.3	ug/kg	92				83	120		
	Endosulfan I	16.65	15.4	ug/kg	92				81	124		
	Dieldrin	16.65	15.3	ug/kg	92				85	121		
	4,4'-DDE	16.65	15.9	ug/kg	95				81	123		
	Endrin	16.65	15.4	ug/kg	92				76	130		
	Endosulfan II	16.65	14.5	ug/kg	87				80	125		
	4,4'-DDD	16.65	17.0	ug/kg	102				80	131		
	Endosulfan sulfate	16.65	16.1	ug/kg	97				81	122		
	4,4'-DDT	16.65	14.6	ug/kg	88				70	129		
	Methoxychlor	16.65	14.5	ug/kg	87				60	119		
	Endrin ketone	16.65	16.7	ug/kg	100				77	132		
	Endrin aldehyde	16.65	17.3	ug/kg	104				79	124		
	alpha-Chlordane	16.65	15.3	ug/kg	92				84	120		
	gamma-Chlordane	16.65	15.2	ug/kg	91				83	122		
	alpha-BHC	16.65	14.7	ug/kg	88				84	123		
PB169933BS (Column 2)	beta-BHC	16.65	13.9	ug/kg	83				82	123		
	delta-BHC	16.65	14.5	ug/kg	87				83	126		
	gamma-BHC (Lindane)	16.65	14.6	ug/kg	88				83	125		
	Heptachlor	16.65	14.2	ug/kg	85				83	122		
	Aldrin	16.65	14.6	ug/kg	88				82	124		
	Heptachlor epoxide	16.65	14.7	ug/kg	88				83	120		
	Endosulfan I	16.65	13.8	ug/kg	83				81	124		
	Dieldrin	16.65	15.0	ug/kg	90				85	121		
	4,4'-DDE	16.65	14.5	ug/kg	87				81	123		
	Endrin	16.65	16.0	ug/kg	96				76	130		
	Endosulfan II	16.65	14.4	ug/kg	86				80	125		
	4,4'-DDD	16.65	14.8	ug/kg	89				80	131		
	Endosulfan sulfate	16.65	14.6	ug/kg	88				81	122		
	4,4'-DDT	16.65	12.8	ug/kg	77				70	129		
	Methoxychlor	16.65	12.8	ug/kg	77				60	119		
	Endrin ketone	16.65	16.1	ug/kg	97				77	132		
	Endrin aldehyde	16.65	14.5	ug/kg	87				79	124		
	alpha-Chlordane	16.65	14.4	ug/kg	86				84	120		
	gamma-Chlordane	16.65	14.3	ug/kg	86				83	122		

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169933BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: PB169933BL

Lab File ID: PL097480.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/01/2025

Date Analyzed (1): 10/01/2025

Date Analyzed (2): 10/01/2025

Time Analyzed (1): 13:34

Time Analyzed (2): 13:34

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB169933BS	PB169933BS	PL097481.D	10/01/2025	10/01/2025
ENV1-6FT	Q3257-01	PL097486.D	10/01/2025	10/01/2025
ENV2-6FT	Q3257-02	PL097487.D	10/01/2025	10/01/2025
ENV2-6FTMS	Q3257-02MS	PL097488.D	10/01/2025	10/01/2025
ENV2-6FTMSD	Q3257-02MSD	PL097489.D	10/01/2025	10/01/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169933BL	SDG No.:	Q3257
Lab Sample ID:	PB169933BL	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097480.D	1	10/01/25 09:36	10/01/25 13:34	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.13	U	0.13	1.70	ug/kg
319-85-7	beta-BHC	0.18	U	0.18	1.70	ug/kg
319-86-8	delta-BHC	0.39	U	0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	0.14	U	0.14	1.70	ug/kg
76-44-8	Heptachlor	0.12	U	0.12	1.70	ug/kg
309-00-2	Aldrin	0.12	U	0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	0.19	U	0.19	1.70	ug/kg
959-98-8	Endosulfan I	0.14	U	0.14	1.70	ug/kg
60-57-1	Dieldrin	0.14	U	0.14	1.70	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.70	ug/kg
72-20-8	Endrin	0.14	U	0.14	1.70	ug/kg
33213-65-9	Endosulfan II	0.29	U	0.29	1.70	ug/kg
72-54-8	4,4-DDD	0.15	U	0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	0.13	U	0.13	1.70	ug/kg
50-29-3	4,4-DDT	0.14	U	0.14	1.70	ug/kg
72-43-5	Methoxychlor	0.37	U	0.37	1.70	ug/kg
53494-70-5	Endrin ketone	0.19	U	0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	0.37	U	0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	0.12	U	0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	0.15	U	0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.8		20 - 144	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.2		19 - 148	101%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	MWCO CJO WTP Edison 295110		Date Received:		
Client Sample ID:	PB169933BL		SDG No.:	Q3257	
Lab Sample ID:	PB169933BL		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	100	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
PL097480.D	1	10/01/25 09:36	10/01/25 13:34	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	CDM Smith	Date Collected:	09/18/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/18/25
Client Sample ID:	PIBLK-PL097268.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097268.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097268.D	1		09/18/25	PL092025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.3		57 - 171	87%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.0		61 - 148	80%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	09/18/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/18/25
Client Sample ID:	PIBLK-PL097268.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097268.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097268.D	1		09/18/25	PL092025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097467.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097467.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097467.D	1		10/01/25	PI100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.8		57 - 171	124%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.9		61 - 148	109%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	10/01/25	
Project:	MWCO CJO WTP Edison 295110		Date Received:	10/01/25	
Client Sample ID:	PIBLK-PL097467.D		SDG No.:	Q3257	
Lab Sample ID:	I.BLK-PL097467.D		Matrix:	WATER	
Analytical Method:	8081B		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097467.D	1		10/01/25	PI100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097482.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097482.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097482.D	1		10/01/25	PI100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.7		57 - 171	124%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.1		61 - 148	106%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097482.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097482.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097482.D	1		10/01/25	PI100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097490.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097490.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Decanted:	
		Final Vol:	10000
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097490.D	1		10/01/25	PI100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.0039	U	0.0039	0.050	ug/L
319-85-7	beta-BHC	0.0049	U	0.0049	0.050	ug/L
319-86-8	delta-BHC	0.011	U	0.011	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.0037	U	0.0037	0.050	ug/L
76-44-8	Heptachlor	0.0027	U	0.0027	0.050	ug/L
309-00-2	Aldrin	0.0036	U	0.0036	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
959-98-8	Endosulfan I	0.0031	U	0.0031	0.050	ug/L
60-57-1	Dieldrin	0.0036	U	0.0036	0.050	ug/L
72-55-9	4,4-DDE	0.0037	U	0.0037	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
33213-65-9	Endosulfan II	0.0079	U	0.0079	0.050	ug/L
72-54-8	4,4-DDD	0.0071	U	0.0071	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.0037	U	0.0037	0.050	ug/L
50-29-3	4,4-DDT	0.0035	U	0.0035	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.0093	U	0.0093	0.050	ug/L
7421-93-4	Endrin aldehyde	0.011	U	0.011	0.050	ug/L
5103-71-9	alpha-Chlordane	0.0035	U	0.0035	0.050	ug/L
5103-74-2	gamma-Chlordane	0.0039	U	0.0039	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.6		57 - 171	123%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.3		61 - 148	107%	SPK: 20

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PL097490.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PL097490.D	Matrix:	WATER
Analytical Method:	8081B	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097490.D	1		10/01/25	PI100125

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

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169933BS	SDG No.:	Q3257
Lab Sample ID:	PB169933BS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	100
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097481.D	1	10/01/25 09:36	10/01/25 13:48	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	15.0		0.13	1.70	ug/kg
319-85-7	beta-BHC	15.0		0.18	1.70	ug/kg
319-86-8	delta-BHC	15.6		0.39	1.70	ug/kg
58-89-9	gamma-BHC (Lindane)	14.8		0.14	1.70	ug/kg
76-44-8	Heptachlor	14.4		0.12	1.70	ug/kg
309-00-2	Aldrin	14.7		0.12	1.70	ug/kg
1024-57-3	Heptachlor epoxide	15.3		0.19	1.70	ug/kg
959-98-8	Endosulfan I	15.4		0.14	1.70	ug/kg
60-57-1	Dieldrin	15.3		0.14	1.70	ug/kg
72-55-9	4,4-DDE	15.9		0.14	1.70	ug/kg
72-20-8	Endrin	16.0		0.14	1.70	ug/kg
33213-65-9	Endosulfan II	14.5		0.29	1.70	ug/kg
72-54-8	4,4-DDD	17.0		0.15	1.70	ug/kg
1031-07-8	Endosulfan Sulfate	16.1		0.13	1.70	ug/kg
50-29-3	4,4-DDT	14.6		0.14	1.70	ug/kg
72-43-5	Methoxychlor	14.5		0.37	1.70	ug/kg
53494-70-5	Endrin ketone	16.7		0.19	1.70	ug/kg
7421-93-4	Endrin aldehyde	17.3		0.37	1.70	ug/kg
5103-71-9	alpha-Chlordane	15.3		0.12	1.70	ug/kg
5103-74-2	gamma-Chlordane	15.2		0.15	1.70	ug/kg
8001-35-2	Toxaphene	5.40	U	5.40	33.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.4		20 - 144	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		19 - 148	87%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	MWCO CJO WTP Edison 295110		Date Received:		
Client Sample ID:	PB169933BS		SDG No.:	Q3257	
Lab Sample ID:	PB169933BS		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	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
PL097481.D	1	10/01/25 09:36	10/01/25 13:48	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMS	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097488.D	1	10/01/25 09:36	10/01/25 15:33	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	13.6		0.15	2.00	ug/kg
319-85-7	beta-BHC	14.8		0.21	2.00	ug/kg
319-86-8	delta-BHC	13.9		0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	13.4		0.17	2.00	ug/kg
76-44-8	Heptachlor	12.4		0.14	2.00	ug/kg
309-00-2	Aldrin	13.2		0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	14.2		0.22	2.00	ug/kg
959-98-8	Endosulfan I	13.5		0.17	2.00	ug/kg
60-57-1	Dieldrin	13.9		0.17	2.00	ug/kg
72-55-9	4,4-DDE	14.3		0.17	2.00	ug/kg
72-20-8	Endrin	13.1		0.17	2.00	ug/kg
33213-65-9	Endosulfan II	13.4		0.34	2.00	ug/kg
72-54-8	4,4-DDD	15.5		0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	14.1		0.15	2.00	ug/kg
50-29-3	4,4-DDT	11.8		0.17	2.00	ug/kg
72-43-5	Methoxychlor	11.8		0.44	2.00	ug/kg
53494-70-5	Endrin ketone	14.8		0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	14.0		0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	13.5		0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	14.1		0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	38.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.1		20 - 144	76%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.1		19 - 148	70%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	09/29/25	
Project:	MWCO CJO WTP Edison 295110		Date Received:	09/30/25	
Client Sample ID:	ENV2-6FTMS		SDG No.:	Q3257	
Lab Sample ID:	Q3257-02MS		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	84.7	Decanted:
Sample Wt/Vol:	30.03	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
PL097488.D	1	10/01/25 09:36	10/01/25 15:33	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMSD	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MSD	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	84.7
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097489.D	1	10/01/25 09:36	10/01/25 15:47	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	13.7		0.15	2.00	ug/kg
319-85-7	beta-BHC	14.8		0.21	2.00	ug/kg
319-86-8	delta-BHC	13.8		0.46	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	13.4		0.16	2.00	ug/kg
76-44-8	Heptachlor	12.5		0.14	2.00	ug/kg
309-00-2	Aldrin	13.4		0.14	2.00	ug/kg
1024-57-3	Heptachlor epoxide	14.3		0.22	2.00	ug/kg
959-98-8	Endosulfan I	13.7		0.16	2.00	ug/kg
60-57-1	Dieldrin	14.0		0.16	2.00	ug/kg
72-55-9	4,4-DDE	14.5		0.16	2.00	ug/kg
72-20-8	Endrin	13.2		0.16	2.00	ug/kg
33213-65-9	Endosulfan II	13.6		0.34	2.00	ug/kg
72-54-8	4,4-DDD	15.7		0.18	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	14.1		0.15	2.00	ug/kg
50-29-3	4,4-DDT	11.6		0.16	2.00	ug/kg
72-43-5	Methoxychlor	11.7		0.44	2.00	ug/kg
53494-70-5	Endrin ketone	14.9		0.22	2.00	ug/kg
7421-93-4	Endrin aldehyde	13.2		0.44	2.00	ug/kg
5103-71-9	alpha-Chlordane	13.6		0.14	2.00	ug/kg
5103-74-2	gamma-Chlordane	14.3		0.18	2.00	ug/kg
8001-35-2	Toxaphene	6.40	U	6.40	38.9	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.0		20 - 144	75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.3		19 - 148	72%	SPK: 20

Report of Analysis

Client:	CDM Smith		Date Collected:	09/29/25	
Project:	MWCO CJO WTP Edison 295110		Date Received:	09/30/25	
Client Sample ID:	ENV2-6FTMSD		SDG No.:	Q3257	
Lab Sample ID:	Q3257-02MSD		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	84.7	Decanted:
Sample Wt/Vol:	30.08	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
PL097489.D	1	10/01/25 09:36	10/01/25 15:47	PB169933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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CALIBRATION SUMMARY

A
B
C
D
E
F
G
H

Contract: **CAMP02**

SDG NO.: Q3257

Calibration Date(s): **09/18/2025** **09/18/2025**

Calibration Times: **17:06** **18:00**

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:		RT 100 =	<u>PL097271.D</u>	RT 075 =	<u>PL097272.D</u>
RT 050 =	PL097273.D	RT 025 =	PL097274.D	RT 005 =	PL097275.D

[illegible]

A
B
C
D
E
F
G
H

Contract: **CAMP02**

SDG NO.: Q3257

Calibration Date(s): 09/18/2025 09/18/2025

Calibration Times: **17:06** **18:00**

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		RT 100 =	<u>PL097271.D</u>	RT 075 =	<u>PL097272.D</u>
RT 050 =	PL097273.D	RT 025 =	PL097274.D	RT 005 =	PL097275.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: CAMP02
SDG NO.: Q3257

Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	PL097271.D	CF 075 =	PL097272.D		
CF 050 =	PL097273.D	CF 025 =	PL097274.D	CF 005 =	PL097275.D		
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	3890970000	3788420000	3762720000	3580660000	3829940000	3770540000	3
4,4'-DDE	4963980000	4819990000	4737070000	4512820000	4789690000	4764710000	3
4,4'-DDT	4402840000	4274830000	4245340000	4064150000	4148830000	4227200000	3
Aldrin	6552430000	6368880000	6295000000	6072640000	6380380000	6333870000	3
alpha-BHC	7433460000	7150430000	7020140000	6635730000	6697400000	6987430000	5
alpha-Chlordane	5728330000	5597580000	5593620000	5491270000	5988720000	5679910000	3
beta-BHC	2691590000	2641310000	2679400000	2673590000	2945030000	2726180000	5
Decachlorobiphenyl	3151670000	3121880000	3187620000	3242730000	3657150000	3272210000	7
delta-BHC	6408970000	6173000000	6129940000	5874830000	5754960000	6068340000	4
Dieldrin	5667980000	5504780000	5450620000	5257570000	5529790000	5482150000	3
Endosulfan I	5248570000	5119040000	5121050000	5001710000	5416320000	5181340000	3
Endosulfan II	4694590000	4637630000	4774680000	4729590000	5755250000	4918350000	10
Endosulfan sulfate	4084400000	3990510000	4020090000	3958010000	4360620000	4082720000	4
Endrin	4777540000	4640970000	4618310000	4356250000	4672620000	4613140000	3
Endrin aldehyde	3035530000	2997840000	3059200000	3036470000	3285020000	3082810000	4
Endrin ketone	4296460000	4191230000	4224850000	4117820000	4391400000	4244350000	2
gamma-BHC (Lindane)	6940420000	6699850000	6593990000	6320490000	6510990000	6613150000	3
gamma-Chlordane	5793040000	5651990000	5610580000	5462080000	5749930000	5653520000	2
Heptachlor	6809100000	6621120000	6608040000	6426970000	6885270000	6670100000	3
Heptachlor epoxide	5764160000	5655320000	5756800000	5829540000	5728960000	5746960000	1
Methoxychlor	2052960000	2027370000	2062620000	2055200000	2228740000	2085380000	4
Tetrachloro-m-xylene	4554070000	4459430000	4465020000	4402740000	4754560000	4527160000	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_L

Contract: CAMP02
SDG NO.: Q3257

Calibration Date(s): 09/18/2025 09/18/2025
Calibration Times: 17:06 18:00

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		CF 100 =	<u>PL097271.D</u>	CF 075 =	<u>PL097272.D</u>		
CF 050 =		<u>PL097273.D</u>	CF 025 =	<u>PL097274.D</u>	CF 005 =	<u>PL097275.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
4,4'-DDD	6589410000	6442790000	6358010000	6264340000	6590870000	6449080000	2
4,4'-DDE	7911410000	7746610000	7699440000	7406140000	7660040000	7684730000	2
4,4'-DDT	7190090000	7022180000	6972860000	6696570000	6720750000	6920490000	3
Aldrin	8860980000	8673260000	8661660000	8404070000	8796570000	8679310000	2
alpha-BHC	10445300000	10099800000	10014300000	9556100000	9672320000	9957580000	4
alpha-Chlordane	8274780000	8189370000	8245060000	8242520000	8550750000	8300500000	2
beta-BHC	3970220000	3899800000	3948240000	3983880000	4508040000	4062030000	6
Decachlorobiphenyl	5360550000	5307930000	5459740000	5623180000	6706450000	5691570000	10
delta-BHC	9586460000	9293680000	9232620000	8834360000	9014090000	9192240000	3
Dieldrin	8251310000	8119720000	8132170000	7909230000	8471500000	8176790000	3
Endosulfan I	7387320000	7345100000	7430480000	7454690000	8800570000	7683630000	8
Endosulfan II	6977690000	6911390000	6956920000	6938260000	7761900000	7109230000	5
Endosulfan sulfate	6664750000	6623680000	6716400000	6733120000	7510980000	6849790000	5
Endrin	7450260000	7335750000	7338920000	7289700000	8137930000	7510510000	5
Endrin aldehyde	4761890000	4756960000	4914450000	5156210000	7097510000	5337410000	19
Endrin ketone	7223190000	7153630000	7391340000	7391360000	8491940000	7530290000	7
gamma-BHC (Lindane)	9632950000	9373760000	9300450000	8991300000	9274840000	9314660000	2
gamma-Chlordane	8553830000	8490290000	8565810000	8624220000	9435120000	8733850000	5
Heptachlor	9299100000	9162550000	9216060000	9078210000	9769790000	9305140000	3
Heptachlor epoxide	7825700000	7749420000	7831840000	7763530000	8487220000	7931540000	4
Methoxychlor	3580590000	3582010000	3698660000	3768400000	4217720000	3769480000	7
Tetrachloro-m-xylene	6546800000	6457210000	6449880000	6384190000	7039690000	6575560000	4

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3257

Instrument ID: ECD_L Date(s) Analyzed: 09/18/2025 09/18/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	6.20	6.10	6.30	42075500
		2	6.60	6.50	6.70	33847100
		3	7.01	6.91	7.11	141900000
		4	7.11	7.01	7.21	105792000
		5	7.88	7.78	7.98	74166200

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3257

Instrument ID: ECD_L Date(s) Analyzed: 09/18/2025 09/18/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Toxaphene	500	1	5.07	4.97	5.17	42482700
		2	5.75	5.65	5.85	54918500
		3	6.03	5.93	6.13	57955900
		4	6.67	6.57	6.77	177984000
		5	7.11	7.01	7.21	109140000

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 10:02

Initial Calibration Time(s): 17:06

18:00

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
alpha-BHC	3.97	3.98	3.88	4.08	0.01
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.74	4.64	4.84	0.01
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.31	6.21	6.41	0.01
4,4'-DDE	6.16	6.16	6.06	6.26	0.00
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.75	6.65	6.85	0.01
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
Endosulfan sulfate	7.11	7.11	7.01	7.21	0.00
4,4'-DDT	6.98	6.98	6.88	7.08	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.59	7.59	7.49	7.69	0.00
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.99	5.89	6.09	0.01
gamma-Chlordane	5.90	5.91	5.81	6.01	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 10:02

Initial Calibration Time(s): 17:06

18:00

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.01
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.42	5.43	5.33	5.53	0.01
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	6.00	5.90	6.10	0.01
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.40	6.30	6.50	0.01
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.05	4.95	5.15	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097469.D **Time Analyzed:** 10:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.663	6.566	6.766	55.030	50.000	10.1
4,4'-DDE	6.155	6.056	6.256	52.670	50.000	5.3
4,4'-DDT	6.978	6.880	7.080	51.120	50.000	2.2
Aldrin	5.230	5.132	5.332	49.480	50.000	-1.0
alpha-BHC	3.972	3.875	4.075	50.010	50.000	0.0
alpha-Chlordane	5.983	5.886	6.086	50.410	50.000	0.8
beta-BHC	4.488	4.390	4.590	49.380	50.000	-1.2
Decachlorobiphenyl	9.000	8.902	9.102	47.370	50.000	-5.3
delta-BHC	4.732	4.635	4.835	51.310	50.000	2.6
Dieldrin	6.304	6.206	6.406	51.740	50.000	3.5
Endosulfan I	6.030	5.934	6.134	50.370	50.000	0.7
Endosulfan II	6.743	6.646	6.846	47.750	50.000	-4.5
Endosulfan sulfate	7.107	7.007	7.207	52.870	50.000	5.7
Endrin	6.531	6.432	6.632	53.250	50.000	6.5
Endrin aldehyde	6.872	6.774	6.974	55.820	50.000	11.6
Endrin ketone	7.586	7.487	7.687	54.630	50.000	9.3
gamma-BHC (Lindane)	4.300	4.202	4.402	49.130	50.000	-1.7
gamma-Chlordane	5.903	5.806	6.006	51.340	50.000	2.7
Heptachlor	4.891	4.793	4.993	48.080	50.000	-3.8
Heptachlor epoxide	5.648	5.552	5.752	52.150	50.000	4.3
Methoxychlor	7.451	7.352	7.552	48.420	50.000	-3.2
Tetrachloro-m-xylene	3.526	3.428	3.628	45.630	50.000	-8.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097469.D **Time Analyzed:** 10:02

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.847	5.750	5.950	48.060	50.000	-3.9
4,4'-DDE	5.295	5.197	5.397	46.430	50.000	-7.1
4,4'-DDT	6.100	6.002	6.202	41.890	50.000	-16.2
Aldrin	4.288	4.191	4.391	47.560	50.000	-4.9
alpha-BHC	3.327	3.229	3.429	48.060	50.000	-3.9
alpha-Chlordane	5.106	5.009	5.209	46.580	50.000	-6.8
beta-BHC	3.955	3.857	4.057	44.490	50.000	-11.0
Decachlorobiphenyl	7.982	7.884	8.084	40.080	50.000	-19.8
delta-BHC	4.187	4.090	4.290	46.420	50.000	-7.2
Dieldrin	5.424	5.328	5.528	48.470	50.000	-3.1
Endosulfan I	5.161	5.064	5.264	43.050	50.000	-13.9
Endosulfan II	5.992	5.895	6.095	47.060	50.000	-5.9
Endosulfan sulfate	6.394	6.296	6.496	46.440	50.000	-7.1
Endrin	5.701	5.603	5.803	54.780	50.000	9.6
Endrin aldehyde	6.170	6.073	6.273	46.110	50.000	-7.8
Endrin ketone	6.898	6.800	7.000	52.710	50.000	5.4
gamma-BHC (Lindane)	3.659	3.561	3.761	47.190	50.000	-5.6
gamma-Chlordane	5.042	4.945	5.145	44.960	50.000	-10.1
Heptachlor	4.006	3.909	4.109	45.790	50.000	-8.4
Heptachlor epoxide	4.790	4.693	4.893	48.310	50.000	-3.4
Methoxychlor	6.672	6.574	6.774	41.340	50.000	-17.3
Tetrachloro-m-xylene	2.822	2.724	2.924	42.810	50.000	-14.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 14:15

Initial Calibration Time(s): 17:06

18:00

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
alpha-BHC	3.97	3.98	3.88	4.08	0.01
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.74	4.64	4.84	0.01
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.31	6.21	6.41	0.01
4,4'-DDE	6.15	6.16	6.06	6.26	0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.75	6.65	6.85	0.01
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
Endosulfan sulfate	7.11	7.11	7.01	7.21	0.00
4,4'-DDT	6.98	6.98	6.88	7.08	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.58	7.59	7.49	7.69	0.01
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.99	5.89	6.09	0.01
gamma-Chlordane	5.90	5.91	5.81	6.01	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 14:15

Initial Calibration Time(s): 17:06

18:00

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.01
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.42	5.43	5.33	5.53	0.01
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	6.00	5.90	6.10	0.01
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.40	6.30	6.50	0.01
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.05	4.95	5.15	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097483.D **Time Analyzed:** 14:15

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.661	6.566	6.766	55.040	50.000	10.1
4,4'-DDE	6.154	6.056	6.256	51.600	50.000	3.2
4,4'-DDT	6.977	6.880	7.080	49.820	50.000	-0.4
Aldrin	5.229	5.132	5.332	48.150	50.000	-3.7
alpha-BHC	3.972	3.875	4.075	48.760	50.000	-2.5
alpha-Chlordane	5.982	5.886	6.086	49.200	50.000	-1.6
beta-BHC	4.488	4.390	4.590	48.120	50.000	-3.8
Decachlorobiphenyl	8.997	8.902	9.102	46.760	50.000	-6.5
delta-BHC	4.731	4.635	4.835	50.200	50.000	0.4
Dieldrin	6.303	6.206	6.406	50.610	50.000	1.2
Endosulfan I	6.029	5.934	6.134	49.200	50.000	-1.6
Endosulfan II	6.741	6.646	6.846	47.490	50.000	-5.0
Endosulfan sulfate	7.105	7.007	7.207	52.150	50.000	4.3
Endrin	6.528	6.432	6.632	49.640	50.000	-0.7
Endrin aldehyde	6.870	6.774	6.974	54.810	50.000	9.6
Endrin ketone	7.584	7.487	7.687	54.160	50.000	8.3
gamma-BHC (Lindane)	4.300	4.202	4.402	48.390	50.000	-3.2
gamma-Chlordane	5.902	5.806	6.006	49.640	50.000	-0.7
Heptachlor	4.891	4.793	4.993	46.590	50.000	-6.8
Heptachlor epoxide	5.647	5.552	5.752	50.220	50.000	0.4
Methoxychlor	7.449	7.352	7.552	47.170	50.000	-5.7
Tetrachloro-m-xylene	3.526	3.428	3.628	44.550	50.000	-10.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097483.D **Time Analyzed:** 14:15

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.847	5.750	5.950	48.610	50.000	-2.8
4,4'-DDE	5.295	5.197	5.397	46.240	50.000	-7.5
4,4'-DDT	6.099	6.002	6.202	41.600	50.000	-16.8
Aldrin	4.289	4.191	4.391	47.130	50.000	-5.7
alpha-BHC	3.328	3.229	3.429	47.710	50.000	-4.6
alpha-Chlordane	5.106	5.009	5.209	47.470	50.000	-5.1
beta-BHC	3.955	3.857	4.057	44.410	50.000	-11.2
Decachlorobiphenyl	7.981	7.884	8.084	40.920	50.000	-18.2
delta-BHC	4.188	4.090	4.290	46.200	50.000	-7.6
Dieldrin	5.424	5.328	5.528	48.070	50.000	-3.9
Endosulfan I	5.161	5.064	5.264	43.100	50.000	-13.8
Endosulfan II	5.992	5.895	6.095	47.140	50.000	-5.7
Endosulfan sulfate	6.393	6.296	6.496	47.010	50.000	-6.0
Endrin	5.701	5.603	5.803	54.990	50.000	10.0
Endrin aldehyde	6.170	6.073	6.273	46.140	50.000	-7.7
Endrin ketone	6.896	6.800	7.000	52.140	50.000	4.3
gamma-BHC (Lindane)	3.660	3.561	3.761	46.870	50.000	-6.3
gamma-Chlordane	5.041	4.945	5.145	45.380	50.000	-9.2
Heptachlor	4.007	3.909	4.109	45.440	50.000	-9.1
Heptachlor epoxide	4.791	4.693	4.893	47.300	50.000	-5.4
Methoxychlor	6.671	6.574	6.774	41.500	50.000	-17.0
Tetrachloro-m-xylene	2.824	2.724	2.924	42.270	50.000	-15.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/18/2025

09/18/2025

Continuing Calib Time: 16:14

Initial Calibration Time(s): 17:06

18:00

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.00	9.00	8.90	9.10	0.00
Tetrachloro-m-xylene	3.53	3.53	3.43	3.63	0.00
alpha-BHC	3.97	3.98	3.88	4.08	0.01
beta-BHC	4.49	4.49	4.39	4.59	0.00
delta-BHC	4.73	4.74	4.64	4.84	0.01
gamma-BHC (Lindane)	4.30	4.30	4.20	4.40	0.00
Heptachlor	4.89	4.89	4.79	4.99	0.00
Aldrin	5.23	5.23	5.13	5.33	0.00
Heptachlor epoxide	5.65	5.65	5.55	5.75	0.00
Endosulfan I	6.03	6.03	5.93	6.13	0.00
Dieldrin	6.30	6.31	6.21	6.41	0.01
4,4'-DDE	6.15	6.16	6.06	6.26	0.01
Endrin	6.53	6.53	6.43	6.63	0.00
Endosulfan II	6.74	6.75	6.65	6.85	0.01
4,4'-DDD	6.66	6.67	6.57	6.77	0.01
Endosulfan sulfate	7.11	7.11	7.01	7.21	0.00
4,4'-DDT	6.98	6.98	6.88	7.08	0.00
Methoxychlor	7.45	7.45	7.35	7.55	0.00
Endrin ketone	7.58	7.59	7.49	7.69	0.01
Endrin aldehyde	6.87	6.87	6.77	6.97	0.00
alpha-Chlordane	5.98	5.99	5.89	6.09	0.01
gamma-Chlordane	5.90	5.91	5.81	6.01	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/18/2025 09/18/2025

Continuing Calib Time: 16:14

Initial Calibration Time(s): 17:06 18:00

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.98	7.98	7.88	8.08	0.00
Tetrachloro-m-xylene	2.82	2.82	2.72	2.92	0.00
alpha-BHC	3.33	3.33	3.23	3.43	0.00
beta-BHC	3.96	3.96	3.86	4.06	0.01
delta-BHC	4.19	4.19	4.09	4.29	0.00
gamma-BHC (Lindane)	3.66	3.66	3.56	3.76	0.00
Heptachlor	4.01	4.01	3.91	4.11	0.00
Aldrin	4.29	4.29	4.19	4.39	0.00
Heptachlor epoxide	4.79	4.79	4.69	4.89	0.00
Endosulfan I	5.16	5.16	5.06	5.26	0.00
Dieldrin	5.42	5.43	5.33	5.53	0.01
4,4'-DDE	5.30	5.30	5.20	5.40	0.00
Endrin	5.70	5.70	5.60	5.80	0.00
Endosulfan II	5.99	6.00	5.90	6.10	0.01
4,4'-DDD	5.85	5.85	5.75	5.95	0.00
Endosulfan sulfate	6.39	6.40	6.30	6.50	0.01
4,4'-DDT	6.10	6.10	6.00	6.20	0.00
Methoxychlor	6.67	6.67	6.57	6.77	0.00
Endrin ketone	6.90	6.90	6.80	7.00	0.00
Endrin aldehyde	6.17	6.17	6.07	6.27	0.00
alpha-Chlordane	5.11	5.11	5.01	5.21	0.00
gamma-Chlordane	5.04	5.05	4.95	5.15	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097491.D **Time Analyzed:** 16:14

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	6.661	6.566	6.766	54.360	50.000	8.7
4,4'-DDE	6.154	6.056	6.256	50.790	50.000	1.6
4,4'-DDT	6.976	6.880	7.080	49.220	50.000	-1.6
Aldrin	5.230	5.132	5.332	47.470	50.000	-5.1
alpha-BHC	3.972	3.875	4.075	48.280	50.000	-3.4
alpha-Chlordane	5.982	5.886	6.086	47.850	50.000	-4.3
beta-BHC	4.488	4.390	4.590	47.360	50.000	-5.3
Decachlorobiphenyl	8.996	8.902	9.102	46.270	50.000	-7.5
delta-BHC	4.731	4.635	4.835	49.690	50.000	-0.6
Dieldrin	6.302	6.206	6.406	49.830	50.000	-0.3
Endosulfan I	6.030	5.934	6.134	50.060	50.000	0.1
Endosulfan II	6.741	6.646	6.846	46.840	50.000	-6.3
Endosulfan sulfate	7.105	7.007	7.207	51.640	50.000	3.3
Endrin	6.529	6.432	6.632	50.880	50.000	1.8
Endrin aldehyde	6.870	6.774	6.974	54.330	50.000	8.7
Endrin ketone	7.583	7.487	7.687	53.420	50.000	6.8
gamma-BHC (Lindane)	4.300	4.202	4.402	47.860	50.000	-4.3
gamma-Chlordane	5.901	5.806	6.006	48.850	50.000	-2.3
Heptachlor	4.891	4.793	4.993	45.860	50.000	-8.3
Heptachlor epoxide	5.648	5.552	5.752	50.160	50.000	0.3
Methoxychlor	7.449	7.352	7.552	46.640	50.000	-6.7
Tetrachloro-m-xylene	3.526	3.428	3.628	44.150	50.000	-11.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/18/2025 09/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/01/2025
Lab Sample No.: PSTDCCC050 **Data File :** PL097491.D **Time Analyzed:** 16:14

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
4,4'-DDD	5.847	5.750	5.950	47.860	50.000	-4.3
4,4'-DDE	5.295	5.197	5.397	45.680	50.000	-8.6
4,4'-DDT	6.099	6.002	6.202	40.830	50.000	-18.3
Aldrin	4.289	4.191	4.391	46.770	50.000	-6.5
alpha-BHC	3.328	3.229	3.429	47.460	50.000	-5.1
alpha-Chlordane	5.106	5.009	5.209	47.100	50.000	-5.8
beta-BHC	3.955	3.857	4.057	44.020	50.000	-12.0
Decachlorobiphenyl	7.981	7.884	8.084	40.360	50.000	-19.3
delta-BHC	4.188	4.090	4.290	45.800	50.000	-8.4
Dieldrin	5.424	5.328	5.528	46.970	50.000	-6.1
Endosulfan I	5.161	5.064	5.264	42.690	50.000	-14.6
Endosulfan II	5.992	5.895	6.095	46.420	50.000	-7.2
Endosulfan sulfate	6.393	6.296	6.496	46.360	50.000	-7.3
Endrin	5.701	5.603	5.803	54.390	50.000	8.8
Endrin aldehyde	6.170	6.073	6.273	45.540	50.000	-8.9
Endrin ketone	6.897	6.800	7.000	53.200	50.000	6.4
gamma-BHC (Lindane)	3.659	3.561	3.761	46.530	50.000	-6.9
gamma-Chlordane	5.042	4.945	5.145	46.550	50.000	-6.9
Heptachlor	4.007	3.909	4.109	45.040	50.000	-9.9
Heptachlor epoxide	4.790	4.693	4.893	46.970	50.000	-6.1
Methoxychlor	6.671	6.574	6.774	40.990	50.000	-18.0
Tetrachloro-m-xylene	2.823	2.724	2.924	42.030	50.000	-15.9

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097269.D Date Analyzed: 09/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 16:39

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.000	8.900	9.100	15.660	20.000	-21.7
Tetrachloro-m-xylene	3.527	3.480	3.580	14.770	20.000	-26.2
alpha-BHC	3.974	3.920	4.020	6.930	10.000	-30.7
beta-BHC	4.489	4.440	4.540	7.340	10.000	-26.6
gamma-BHC (Lindane)	4.302	4.250	4.350	7.210	10.000	-27.9
Endrin	6.532	6.460	6.600	37.780	50.000	-24.4
4,4'-DDT	6.979	6.910	7.050	73.290	100.000	-26.7
Methoxychlor	7.452	7.380	7.520	180.320	250.000	-27.9

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097269.D Date Analyzed: 09/18/2025

Lab Sample No.(PEM): PEM Time Analyzed: 16:39

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.984	7.880	8.080	15.470	20.000	-22.7
Tetrachloro-m-xylene	2.824	2.770	2.870	14.550	20.000	-27.3
alpha-BHC	3.329	3.280	3.380	6.890	10.000	-31.1
beta-BHC	3.957	3.910	4.010	7.490	10.000	-25.1
gamma-BHC (Lindane)	3.660	3.610	3.710	7.000	10.000	-30.0
Endrin	5.702	5.630	5.770	36.670	50.000	-26.7
4,4'-DDT	6.102	6.030	6.170	76.460	100.000	-23.5
Methoxychlor	6.674	6.600	6.740	166.760	250.000	-33.3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097468.D Date Analyzed: 10/01/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:45

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	8.997	8.900	9.100	20.340	20.000	1.7
Tetrachloro-m-xylene	3.525	3.470	3.580	18.080	20.000	-9.6
alpha-BHC	3.972	3.920	4.020	8.300	10.000	-17.0
beta-BHC	4.487	4.440	4.540	9.070	10.000	-9.3
gamma-BHC (Lindane)	4.300	4.250	4.350	8.550	10.000	-14.5
Endrin	6.529	6.460	6.600	45.140	50.000	-9.7
4,4'-DDT	6.976	6.910	7.050	77.440	100.000	-22.6
Methoxychlor	7.449	7.380	7.520	191.110	250.000	-23.6

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/18/2025 09/18/2025

Client Sample No. (PEM): PEM - PL097468.D Date Analyzed: 10/01/2025

Lab Sample No.(PEM): PEM Time Analyzed: 09:45

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.981	7.880	8.080	17.000	20.000	-15.0
Tetrachloro-m-xylene	2.822	2.770	2.870	16.820	20.000	-15.9
alpha-BHC	3.327	3.280	3.380	7.770	10.000	-22.3
beta-BHC	3.955	3.900	4.010	8.430	10.000	-15.7
gamma-BHC (Lindane)	3.659	3.610	3.710	7.840	10.000	-21.6
Endrin	5.700	5.630	5.770	42.000	50.000	-16.0
4,4'-DDT	6.099	6.030	6.170	70.940	100.000	-29.1
Methoxychlor	6.671	6.600	6.740	156.050	250.000	-37.6

Analytical Sequence

Client: CDM Smith	SDG No.: Q3257
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_L
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 09/18/2025 09/18/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/18/2025	16:25	PL097268.D	9.00	3.53
PEM	PEM	09/18/2025	16:39	PL097269.D	9.00	3.53
RESCHK	RESCHK	09/18/2025	16:52	PL097270.D	9.00	3.53
PSTDICCC100	PSTDICCC100	09/18/2025	17:06	PL097271.D	9.00	3.53
PSTDICCC075	PSTDICCC075	09/18/2025	17:19	PL097272.D	9.00	3.53
PSTDICCC050	PSTDICCC050	09/18/2025	17:33	PL097273.D	9.00	3.53
PSTDICCC025	PSTDICCC025	09/18/2025	17:47	PL097274.D	9.00	3.53
PSTDICCC005	PSTDICCC005	09/18/2025	18:00	PL097275.D	9.00	3.53
PCHLORICC500	PCHLORICC500	09/18/2025	18:41	PL097278.D	9.00	3.53
PTOXICC500	PTOXICC500	09/18/2025	19:49	PL097283.D	9.00	3.53
IBLK	IBLK	10/01/2025	09:31	PL097467.D	9.00	3.53
PEM	PEM	10/01/2025	09:45	PL097468.D	9.00	3.53
PSTDCCC050	PSTDCCC050	10/01/2025	10:02	PL097469.D	9.00	3.53
PB169933BL	PB169933BL	10/01/2025	13:34	PL097480.D	9.00	3.53
PB169933BS	PB169933BS	10/01/2025	13:48	PL097481.D	9.00	3.53
IBLK	IBLK	10/01/2025	14:02	PL097482.D	9.00	3.53
PSTDCCC050	PSTDCCC050	10/01/2025	14:15	PL097483.D	9.00	3.53
ENV1-6FT	Q3257-01	10/01/2025	15:06	PL097486.D	9.00	3.52
ENV2-6FT	Q3257-02	10/01/2025	15:20	PL097487.D	9.00	3.52
ENV2-6FTMS	Q3257-02MS	10/01/2025	15:33	PL097488.D	9.00	3.53
ENV2-6FTMSD	Q3257-02MSD	10/01/2025	15:47	PL097489.D	9.00	3.52
IBLK	IBLK	10/01/2025	16:00	PL097490.D	9.00	3.53
PSTDCCC050	PSTDCCC050	10/01/2025	16:14	PL097491.D	9.00	3.53

Analytical Sequence

Client: CDM Smith	SDG No.: Q3257
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_L
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/18/2025 09/18/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/18/2025	16:25	PL097268.D	7.98	2.82
PEM	PEM	09/18/2025	16:39	PL097269.D	7.98	2.82
RESCHK	RESCHK	09/18/2025	16:52	PL097270.D	7.98	2.82
PSTDICC100	PSTDICC100	09/18/2025	17:06	PL097271.D	7.98	2.82
PSTDICC075	PSTDICC075	09/18/2025	17:19	PL097272.D	7.99	2.82
PSTDICC050	PSTDICC050	09/18/2025	17:33	PL097273.D	7.98	2.82
PSTDICC025	PSTDICC025	09/18/2025	17:47	PL097274.D	7.98	2.82
PSTDICC005	PSTDICC005	09/18/2025	18:00	PL097275.D	7.98	2.82
PCHLORICC500	PCHLORICC500	09/18/2025	18:41	PL097278.D	7.98	2.82
PTOXICC500	PTOXICC500	09/18/2025	19:49	PL097283.D	7.99	2.82
IBLK	IBLK	10/01/2025	09:31	PL097467.D	7.98	2.82
PEM	PEM	10/01/2025	09:45	PL097468.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/01/2025	10:02	PL097469.D	7.98	2.82
PB169933BL	PB169933BL	10/01/2025	13:34	PL097480.D	7.98	2.82
PB169933BS	PB169933BS	10/01/2025	13:48	PL097481.D	7.98	2.82
IBLK	IBLK	10/01/2025	14:02	PL097482.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/01/2025	14:15	PL097483.D	7.98	2.82
ENV1-6FT	Q3257-01	10/01/2025	15:06	PL097486.D	7.98	2.82
ENV2-6FT	Q3257-02	10/01/2025	15:20	PL097487.D	7.98	2.82
ENV2-6FTMS	Q3257-02MS	10/01/2025	15:33	PL097488.D	7.98	2.82
ENV2-6FTMSD	Q3257-02MSD	10/01/2025	15:47	PL097489.D	7.98	2.82
IBLK	IBLK	10/01/2025	16:00	PL097490.D	7.98	2.82
PSTDCCC050	PSTDCCC050	10/01/2025	16:14	PL097491.D	7.98	2.82

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: Q3257-02MS

Date(s) Analyzed: 10/01/2025 10/01/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan II	1	6.74	6.69	6.79	13.4	3.8
	2	5.99	5.94	6.04	12.9	
4,4'-DDD	1	6.66	6.61	6.71	15.5	15.3
	2	5.85	5.80	5.90	13.3	
4,4'-DDT	1	6.98	6.93	7.03	11.8	13.6
	2	6.10	6.05	6.15	10.3	
Endrin aldehyde	1	6.87	6.82	6.92	14.0	23.1
	2	6.17	6.12	6.22	11.1	
Endosulfan sulfate	1	7.11	7.06	7.16	14.1	11.2
	2	6.39	6.34	6.44	12.6	
Methoxychlor	1	7.45	7.40	7.50	11.8	12.6
	2	6.67	6.62	6.72	10.4	
Endrin ketone	1	7.58	7.53	7.63	14.8	14.5
	2	6.90	6.85	6.95	12.8	
alpha-BHC	1	3.97	3.92	4.02	13.6	3.7
	2	3.33	3.28	3.38	13.1	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	13.4	3.8
	2	3.66	3.61	3.71	12.9	
Heptachlor	1	4.89	4.84	4.94	12.4	3.3
	2	4.01	3.96	4.06	12.0	
Aldrin	1	5.23	5.18	5.28	13.2	2.3
	2	4.29	4.24	4.34	12.9	
beta-BHC	1	4.49	4.44	4.54	13.8	7
	2	3.96	3.91	4.01	14.8	
delta-BHC	1	4.73	4.68	4.78	13.9	8.2
	2	4.19	4.14	4.24	12.8	
Heptachlor epoxide	1	5.65	5.60	5.70	14.2	8.1
	2	4.79	4.74	4.84	13.1	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: Q3257-02MS

Date(s) Analyzed: 10/01/2025 10/01/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endosulfan I	1	6.03	5.98	6.08	13.5	3.8
	2	5.16	5.11	5.21	13.0	
gamma-Chlordane	1	5.90	5.85	5.95	14.1	8.9
	2	5.04	4.99	5.09	12.9	
alpha-Chlordane	1	5.98	5.93	6.03	13.5	3
	2	5.11	5.06	5.16	13.1	
4,4'-DDE	1	6.15	6.10	6.20	14.3	9.5
	2	5.30	5.25	5.35	13.0	
Dieldrin	1	6.30	6.25	6.35	13.9	6.7
	2	5.43	5.38	5.48	13.0	
Endrin	1	6.53	6.48	6.58	13.1	5.5
	2	5.70	5.65	5.75	12.4	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: Q3257-02MSD

Date(s) Analyzed: 10/01/2025

10/01/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.66	6.61	6.71	15.7	15.1
	2	5.85	5.80	5.90	13.5	
4,4'-DDT	1	6.98	6.93	7.03	11.6	12.8
	2	6.10	6.05	6.15	10.2	
Aldrin	1	5.23	5.18	5.28	13.4	3
	2	4.29	4.24	4.34	13.0	
4,4'-DDE	1	6.15	6.10	6.20	14.5	10.1
	2	5.29	5.24	5.34	13.1	
Endosulfan II	1	6.74	6.69	6.79	13.6	4.5
	2	5.99	5.94	6.04	13.0	
Endrin aldehyde	1	6.87	6.82	6.92	13.2	22.8
	2	6.17	6.12	6.22	10.5	
Endosulfan sulfate	1	7.11	7.06	7.16	14.1	11.2
	2	6.39	6.34	6.44	12.6	
Methoxychlor	1	7.45	7.40	7.50	11.7	13.7
	2	6.67	6.62	6.72	10.2	
Endrin ketone	1	7.58	7.53	7.63	14.9	14.4
	2	6.90	6.85	6.95	12.9	
alpha-BHC	1	3.97	3.92	4.02	13.7	3.7
	2	3.33	3.28	3.38	13.2	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	13.4	3
	2	3.66	3.61	3.71	13.0	
Heptachlor	1	4.89	4.84	4.94	12.5	4.1
	2	4.01	3.96	4.06	12.0	
beta-BHC	1	4.49	4.44	4.54	13.9	6.3
	2	3.96	3.91	4.01	14.8	
delta-BHC	1	4.73	4.68	4.78	13.8	7.5
	2	4.19	4.14	4.24	12.8	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: Q3257-02MSD

Date(s) Analyzed: 10/01/2025 10/01/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Heptachlor epoxide	1	5.65	5.60	5.70	14.3	8
	2	4.79	4.74	4.84	13.2	
Endosulfan I	1	6.03	5.98	6.08	13.7	5.2
	2	5.16	5.11	5.21	13.0	
gamma-Chlordane	1	5.90	5.85	5.95	14.3	8.8
	2	5.04	4.99	5.09	13.1	
alpha-Chlordane	1	5.98	5.93	6.03	13.6	3
	2	5.11	5.06	5.16	13.2	
Dieldrin	1	6.30	6.25	6.35	14.0	6.6
	2	5.43	5.38	5.48	13.1	
Endrin	1	6.53	6.48	6.58	13.2	7.1
	2	5.70	5.65	5.75	12.3	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169933BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: PB169933BS

Date(s) Analyzed: 10/01/2025 10/01/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column:(2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
4,4'-DDD	1	6.66	6.61	6.71	17.0	13.8
	2	5.85	5.80	5.90	14.8	
4,4'-DDT	1	6.98	6.93	7.03	14.6	13.1
	2	6.10	6.05	6.15	12.8	
alpha-BHC	1	3.97	3.92	4.02	15.0	2
	2	3.33	3.28	3.38	14.7	
Aldrin	1	5.23	5.18	5.28	14.7	0.7
	2	4.29	4.24	4.34	14.6	
beta-BHC	1	4.49	4.44	4.54	15.0	7.6
	2	3.96	3.91	4.01	13.9	
alpha-Chlordane	1	5.98	5.93	6.03	15.3	6.1
	2	5.11	5.06	5.16	14.4	
4,4'-DDE	1	6.15	6.10	6.20	15.9	9.2
	2	5.29	5.24	5.34	14.5	
Endosulfan II	1	6.74	6.69	6.79	14.5	0.7
	2	5.99	5.94	6.04	14.4	
Endrin aldehyde	1	6.87	6.82	6.92	17.3	17.6
	2	6.17	6.12	6.22	14.5	
Endosulfan sulfate	1	7.11	7.06	7.16	16.1	9.8
	2	6.39	6.34	6.44	14.6	
Methoxychlor	1	7.45	7.40	7.50	14.5	12.5
	2	6.67	6.62	6.72	12.8	
Endrin ketone	1	7.58	7.53	7.63	16.7	3.7
	2	6.90	6.85	6.95	16.1	
gamma-BHC (Lindane)	1	4.30	4.25	4.35	14.8	1.4
	2	3.66	3.61	3.71	14.6	
Heptachlor	1	4.89	4.84	4.94	14.4	1.4
	2	4.01	3.96	4.06	14.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169933BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: PB169933BS

Date(s) Analyzed: 10/01/2025 10/01/2025

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR1

ID: 0.32 (mm)

GC Column: (2): ZB-MR2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
delta-BHC	1	4.73	4.68	4.78	15.6	7.3
	2	4.19	4.14	4.24	14.5	
Heptachlor epoxide	1	5.65	5.60	5.70	15.3	4
	2	4.79	4.74	4.84	14.7	
Endosulfan I	1	6.03	5.98	6.08	15.4	11
	2	5.16	5.11	5.21	13.8	
gamma-Chlordane	1	5.90	5.85	5.95	15.2	6.1
	2	5.04	4.99	5.09	14.3	
Dieldrin	1	6.30	6.25	6.35	15.3	2
	2	5.43	5.38	5.48	15.0	
Endrin	1	6.53	6.48	6.58	15.4	3.8
	2	5.70	5.65	5.75	16.0	

LAB CHRONICLE

OrderID:	Q3257	OrderDate:	9/30/2025 2:40:01 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3257-01	ENV1-6FT	SOIL	PCB	8082A	09/30/25	10/01/25	10/01/25	09/30/25
Q3257-02	ENV2-6FT	SOIL	PCB	8082A	09/29/25	10/01/25	10/01/25	09/30/25



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

Hit Summary Sheet
SW-846

SDG No.:

Q3257

Order ID:

Q3257

Client:

CDM Smith

Project ID:

MWCO CJO WTP Edison 295110

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



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.3
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075501.D	1	10/01/25 09:35	10/01/25 17:12	PB169932

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.2	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.2	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.2	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.2	ug/kg
12672-29-6	Aroclor-1248	7.00	U	7.00	20.2	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.2	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.2	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.2	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.1		32 - 175	75%	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:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075499.D	1	10/01/25 09:35	10/01/25 16:40	PB169932

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.0	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	20.0	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.0	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	20.0	ug/kg
12672-29-6	Aroclor-1248	7.00	U	7.00	20.0	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.0	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	20.0	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	20.0	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		32 - 175	101%	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



QC SUMMARY

Surrogate Summary

SDG No.: **Q3257**

Client: **CDM Smith**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PO113719.D	PIBLK-PO113719.D	Tetrachloro-m-xyl	1	20	17.0	85		60	140
		Decachlorobiphen	1	20	17.3	86		60	140
		Tetrachloro-m-xyl	2	20	17.0	85		60	140
		Decachlorobiphen	2	20	18.1	91		60	140
I.BLK-PO114173.D	PIBLK-PO114173.D	Tetrachloro-m-xyl	1	20	16.3	81		60	140
		Decachlorobiphen	1	20	18.4	92		60	140
		Tetrachloro-m-xyl	2	20	15.6	78		60	140
		Decachlorobiphen	2	20	18.0	90		60	140
PB169932BL	PB169932BL	Tetrachloro-m-xyl	1	20	20.6	103		32	144
		Decachlorobiphen	1	20	23.9	119		32	175
		Tetrachloro-m-xyl	2	20	19.5	97		32	144
		Decachlorobiphen	2	20	21.8	109		32	175
PB169932BS	PB169932BS	Tetrachloro-m-xyl	1	20	18.5	93		32	144
		Decachlorobiphen	1	20	21.3	106		32	175
		Tetrachloro-m-xyl	2	20	17.2	86		32	144
		Decachlorobiphen	2	20	20.3	101		32	175
Q3256-01MS	SOIL-PILE-1-WCMS	Tetrachloro-m-xyl	1	20	16.7	83		32	144
		Decachlorobiphen	1	20	15.8	79		32	175
		Tetrachloro-m-xyl	2	20	16.7	84		32	144
		Decachlorobiphen	2	20	15.8	79		32	175
Q3256-01MSD	SOIL-PILE-1-WCMSD	Tetrachloro-m-xyl	1	20	17.4	87		32	144
		Decachlorobiphen	1	20	15.9	80		32	175
		Tetrachloro-m-xyl	2	20	17.5	87		32	144
		Decachlorobiphen	2	20	16.1	81		32	175
I.BLK-PO114184.D	PIBLK-PO114184.D	Tetrachloro-m-xyl	1	20	16.4	82		60	140
		Decachlorobiphen	1	20	18.1	90		60	140
		Tetrachloro-m-xyl	2	20	15.8	79		60	140
		Decachlorobiphen	2	20	17.3	87		60	140
I.BLK-PP075246.D	PIBLK-PP075246.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	19.4	97		60	140
		Tetrachloro-m-xyl	2	20	17.9	90		60	140
		Decachlorobiphen	2	20	20.0	100		60	140
I.BLK-PP075491.D	PIBLK-PP075491.D	Tetrachloro-m-xyl	1	20	19.1	95		60	140
		Decachlorobiphen	1	20	21.3	106		60	140
		Tetrachloro-m-xyl	2	20	17.8	89		60	140
		Decachlorobiphen	2	20	22.3	111		60	140
Q3257-02	ENV2-6FT	Tetrachloro-m-xyl	1	20	20.6	103		32	144
		Decachlorobiphen	1	20	20.3	101		32	175
		Tetrachloro-m-xyl	2	20	18.3	92		32	144
		Decachlorobiphen	2	20	19.7	98		32	175
Q3257-01	ENV1-6FT	Tetrachloro-m-xyl	1	20	18.2	91		32	144

Surrogate Summary

SDG No.: Q3257

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q3257-01	ENV1-6FT	Decachlorobiphen	1	20	14.6	73		32	175
		Tetrachloro-m-xyl	2	20	18.6	93		32	144
		Decachlorobiphen	2	20	15.1	75		32	175
I.BLK-PP075506.D	PIBLK-PP075506.D	Tetrachloro-m-xyl	1	20	18.6	93		60	140
		Decachlorobiphen	1	20	20.7	104		60	140
		Tetrachloro-m-xyl	2	20	17.2	86		60	140
		Decachlorobiphen	2	20	21.5	107		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3257</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PO114178.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3256-01MS (Column 1)	Client Sample ID:		SOIL-PILE-1-WCMS								
	AR1016	189.7	0	208	ug/kg	110				55	146	
	AR1260	189.7	0	189	ug/kg	100				54	119	
Lab Sample ID:	Q3256-01MS (Column 2)	Client Sample ID:		SOIL-PILE-1-WCMS								
	AR1016	189.7	0	196	ug/kg	103				55	146	
	AR1260	189.7	0	173	ug/kg	91				54	119	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3257</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PO114179.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits		RPD
			Result	Result			Qual	RPD	Qual	Low	High		
Lab Sample ID:	Q3256-01MSD (Column 1)	Client Sample ID:		SOIL-PILE-1-WCMSD									
	AR1016	189.9	0	212	ug/kg	112		2		55	146	15	
	AR1260	189.9	0	188	ug/kg	99		1		54	119	15	
Lab Sample ID:	Q3256-01MSD (Column 2)	Client Sample ID:		SOIL-PILE-1-WCMSD									
	AR1016	189.9	0	197	ug/kg	104		1		55	146	15	
	AR1260	189.9	0	175	ug/kg	92		1		54	119	15	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3257</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PO114175.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB169932BS (Column 1)	AR1016	166.5	178	ug/kg	107				71	120	
	AR1260	166.5	187	ug/kg	112				65	130	
PB169932BS (Column 2)	AR1016	166.5	150	ug/kg	90				71	120	
	AR1260	166.5	153	ug/kg	92				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169932BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: PB169932BL

Lab File ID: PO114174.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/01/2025

Date Analyzed (1): 10/01/2025

Date Analyzed (2): 10/01/2025

Time Analyzed (1): 14:25

Time Analyzed (2): 14:25

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB169932BS	PB169932BS	PO114175.D	10/01/2025	10/01/2025
SOIL-PILE-1-WCMS	Q3256-01MS	PO114178.D	10/01/2025	10/01/2025
SOIL-PILE-1-WCMSD	Q3256-01MSD	PO114179.D	10/01/2025	10/01/2025
ENV2-6FT	Q3257-02	PP075499.D	10/01/2025	10/01/2025
ENV1-6FT	Q3257-01	PP075501.D	10/01/2025	10/01/2025

COMMENTS: _____



CALIBRATION SUMMARY

A
B
C
D
E
F
G

Calibration Times: 09:34 19:21

LAB FILE ID: RT 1000 = PO113720.D RT 750 = PO113721.D
RT 500 = PO113722.D RT 250 = PO113723.D RT 050 = PO113724.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.67	8.67	8.67	8.67	8.67	8.67	8.57	8.77
Tetrachloro-m-xylene	3.66	3.66	3.66	3.66	3.66	3.66	3.56	3.76

A

B

C

D

E

F

G

A
B
C
D
E
F
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Calibration Times: 09:34 19:21

LAB FILE ID: RT 1000 = PO113720.D RT 750 = PO113721.D
RT 500 = PO113722.D RT 250 = PO113723.D RT 050 = PO113724.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.62	8.61	8.61	8.62	8.61	8.62	8.52	8.72
Tetrachloro-m-xylene	3.65	3.65	3.65	3.65	3.65	3.65	3.55	3.75

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: CAMP02
SDG NO.: Q3257

Calibration Date(s): 09/15/2025 09/15/2025
Calibration Times: 09:34 19:21

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:		CF 1000 =	PO113720.D	CF 750 =	PO113721.D			
CF 500 =		PO113722.D	CF 250 =	PO113723.D	CF 050 =	PO113724.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	279831097	287472752	292257338	332268632	325738980	303513760	8
Aroclor-1016-2	(2)	419615441	429789385	439630440	492863176	493423100	455064308	8
Aroclor-1016-3	(3)	264606829	274358713	282734982	335166652	339181720	299209779	12
Aroclor-1016-4	(4)	220679515	227430096	236573942	251207960	266000940	240378491	8
Aroclor-1016-5	(5)	221161183	229729939	240498310	258108880	251005100	240100682	6
Aroclor-1260-1	(1)	451552761	471491176	474059886	507788164	546116300	490201657	8
Aroclor-1260-2	(2)	696304563	729550533	748950352	813407288	840985420	765839631	8
Aroclor-1260-3	(3)	574976216	607269133	635434940	723540836	822837840	672811793	15
Aroclor-1260-4	(4)	393925161	402138616	416474848	460301232	490840000	432735971	10
Aroclor-1260-5	(5)	1123652016	1096405636	1111782554	1193531308	1138663840	1132807071	3
Decachlorobiphenyl		6329905650	6344624080	6521704980	7067879800	7187292000	6690281302	6
Tetrachloro-m-xylene		8408389270	8593125013	8709615100	9391670440	8995637600	8819687485	4
Aroclor-1242-1	(1)	238599676	240720349	228247758	257159088	146270660	222199506	20
Aroclor-1242-2	(2)	362617467	360722704	342353350	393496496	221429160	336123835	20
Aroclor-1242-3	(3)	227891791	227998801	217213648	247566408	154288520	214991834	17
Aroclor-1242-4	(4)	185677557	186112447	176530238	202181048	124089440	174918146	17
Aroclor-1242-5	(5)	203750446	205780253	194932678	234457364	207956060	209375360	7
Decachlorobiphenyl		6625063440	6674671280	6788602460	7173491920	4387615000	6329888820	17
Tetrachloro-m-xylene		8568753780	8503816840	8003156340	9089751000	5283727200	7889841032	19
Aroclor-1248-1	(1)	175951880	180949771	185151304	187344088	171954220	180270253	4
Aroclor-1248-2	(2)	241204409	248355665	250410428	264222632	211901240	243218875	8
Aroclor-1248-3	(3)	311971277	319675973	325795004	350237008	314744160	324484684	5
Aroclor-1248-4	(4)	478786582	491838525	498712610	536762996	495510440	500322231	4
Aroclor-1248-5	(5)	326343326	337739332	340979574	367185960	318715000	338192638	5
Decachlorobiphenyl		6906923760	6991953907	7181732520	7612820120	5681727800	6875031621	10
Tetrachloro-m-xylene		8281619260	8465620507	8425382600	8733430400	6417874600	8064785473	12
Aroclor-1254-1	(1)	525265407	536188556	564134008	621264868	479241140	545218796	10
Aroclor-1254-2	(2)	478176368	488478569	519631638	583021712	472883720	508438401	9
Aroclor-1254-3	(3)	746637997	760372989	800603668	890308500	712603920	782105415	9
Aroclor-1254-4	(4)	554979056	565283144	587994066	646517864	379494280	546853682	18
Aroclor-1254-5	(5)	718134746	733343003	760419284	795296128	714490520	744336736	5
Decachlorobiphenyl		7203849800	7364098027	7605167340	8057726000	6076737800	7261515793	10
Tetrachloro-m-xylene		8326407670	8484622733	8619663240	9079782920	6520976600	8206290633	12
Aroclor-1268-1	(1)	1758947774	1709816927	1785772362	1945135008	1654311040	1770796622	6

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1483041115	1450283463	1507897996	1638884712	1362761360	1488573729	7
Aroclor-1268-3	(3)	1211444046	1190914560	1240719650	1354691068	1116147840	1222783433	7
Aroclor-1268-4	(4)	446305248	439383757	459862146	499372456	429000100	454784741	6
Aroclor-1268-5	(5)	3222969842	3094367483	3187698556	3417074196	2682918220	3121005659	9
Decachlorobiphenyl		13813421760	13413455987	13885344600	15047923920	11999959200	13632021093	8
Tetrachloro-m-xylene		8650489570	8416864440	8733056840	9508670200	6744065200	8410629250	12

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: CAMP02
SDG NO.: Q3257

Calibration Date(s): 09/15/2025 09/15/2025
Calibration Times: 09:34 19:21

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:		CF 1000 =	PO113720.D	CF 750 =	PO113721.D			
CF 500 =		PO113722.D	CF 250 =	PO113723.D	CF 050 =	PO113724.D		
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	161194959	167555515	172213236	197943584	212300180	182241495	12
Aroclor-1016-2	(2)	247660649	254215127	266109690	295452504	320788840	276845362	11
Aroclor-1016-3	(3)	132478875	137775607	144079418	158682380	173701980	149343652	11
Aroclor-1016-4	(4)	104213080	109199812	115770016	129547460	144816260	120709326	14
Aroclor-1016-5	(5)	131110272	137976827	144614834	165292304	171336360	150066119	12
Aroclor-1260-1	(1)	220737147	228186052	237294134	270069216	300160800	251289470	13
Aroclor-1260-2	(2)	290821079	295868247	313059866	353160924	400129960	330608015	14
Aroclor-1260-3	(3)	243248258	249887552	265854760	308918420	333877760	280357350	14
Aroclor-1260-4	(4)	166358067	173783024	182499490	209711196	223704380	191211231	13
Aroclor-1260-5	(5)	376721298	381888356	400424476	450051720	519309860	425679142	14
Decachlorobiphenyl		1971088000	1990798747	2046674720	2250657920	2179534400	2087750757	6
Tetrachloro-m-xylene		5023699930	5127536973	5213659900	5649531080	5690644400	5341014457	6
Aroclor-1242-1	(1)	140070279	141394544	137879020	161129568	101738300	136442342	16
Aroclor-1242-2	(2)	212507654	216303512	209728396	243981540	153746360	207253492	16
Aroclor-1242-3	(3)	114358137	116433633	116071012	134530132	98664540	116011491	11
Aroclor-1242-4	(4)	108951291	110656661	111486918	130110352	113781160	114997276	8
Aroclor-1242-5	(5)	137204941	140225116	141656710	164146076	126006440	141847857	10
Decachlorobiphenyl		2013236400	2036818507	2055399480	2187990440	1370225400	1932734045	17
Tetrachloro-m-xylene		5081963720	5070567053	4816444880	5487100000	3160127800	4723240691	19
Aroclor-1248-1	(1)	104656676	109107384	112539406	121726504	98599380	109325870	8
Aroclor-1248-2	(2)	146373463	152254041	158543364	175696640	155007980	157575098	7
Aroclor-1248-3	(3)	155110693	160619584	167536538	186260212	165045720	166914549	7
Aroclor-1248-4	(4)	182007971	188031200	194979064	215245372	191166620	194286045	7
Aroclor-1248-5	(5)	185591629	190752652	199422540	222580060	215555020	202780380	8
Decachlorobiphenyl		2031704490	2074468760	2119835620	2240995600	1660075400	2025415974	11
Tetrachloro-m-xylene		4917523020	5005006120	5026178760	5438510280	4106940200	4898831676	10
Aroclor-1254-1	(1)	279563251	289274152	304362018	339134132	299656300	302397971	7
Aroclor-1254-2	(2)	241241488	250685427	264723600	295034360	268710580	264079091	8
Aroclor-1254-3	(3)	370644030	380249351	395058822	433239944	357396100	387317649	8
Aroclor-1254-4	(4)	235623256	242545119	253069482	278102248	177620780	237392177	16
Aroclor-1254-5	(5)	290238808	298084172	311869266	340236600	294431680	306972105	7
Decachlorobiphenyl		2023494990	2074021307	2154035320	2293253640	1745979000	2058156851	10
Tetrachloro-m-xylene		4906596160	4990801373	5101889120	5432554640	4242824600	4934933179	9
Aroclor-1268-1	(1)	463812746	461069815	484852436	552413272	478530480	488135750	8

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	382551151	381395492	400241488	450975464	376701220	398372963	8
Aroclor-1268-3	(3)	309516041	307584487	322365468	361316928	330962760	326349137	7
Aroclor-1268-4	(4)	126169269	122567489	128850366	141798540	114523000	126781733	8
Aroclor-1268-5	(5)	880606144	856364473	894951184	981182000	782994000	879219560	8
Decachlorobiphenyl		3812230710	3735660987	3912512580	4347451840	3518286000	3865228423	8
Tetrachloro-m-xylene		5092073170	4970547720	5151696080	5694720080	4205757800	5022958970	11

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3257

Instrument ID: ECD_O Date(s) Analyzed: 09/15/2025 09/15/2025

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.87	3.77	3.97	96855600
		2	3.96	3.86	4.06	71896200
		3	4.03	3.93	4.13	236858000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.03	3.93	4.13	175075000
		2	4.52	4.42	4.62	95953000
		3	4.76	4.66	4.86	197025000
		4	4.94	4.84	5.04	98735000
		5	4.98	4.88	5.08	65259600
Aroclor-1262	500	1	6.78	6.68	6.88	992416000
		2	7.29	7.19	7.39	1584210000
		3	7.57	7.47	7.67	559174000
		4	7.63	7.53	7.73	1000210000
		5	8.13	8.03	8.23	399122000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3257

Instrument ID: ECD_O Date(s) Analyzed: 09/15/2025 09/15/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.86	3.76	3.96	67679000
		2	3.94	3.84	4.04	50962200
		3	4.02	3.92	4.12	156597000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.02	3.92	4.12	118402000
		2	4.74	4.64	4.84	122831000
		3	4.91	4.81	5.01	66545800
		4	5.00	4.90	5.10	58641000
		5	5.17	5.07	5.27	61534600
Aroclor-1262	500	1	6.75	6.65	6.85	366152000
		2	7.25	7.15	7.35	456612000
		3	7.53	7.43	7.63	174199000
		4	7.59	7.49	7.69	278024000
		5	8.08	7.98	8.18	113685000

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3257</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
		Calibration Times:	<u>08:45</u> <u>17:14</u>

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID:	RT 1000 = <u>PP075247.D</u>	RT 750 = <u>PP075248.D</u>
RT 500 = <u>PP075249.D</u>	RT 250 = <u>PP075250.D</u>	RT 050 = <u>PP075251.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.81	5.81	5.81	5.81	5.82	5.81	5.71	5.91
Aroclor-1016-2	(2)	5.83	5.83	5.83	5.83	5.84	5.83	5.73	5.93
Aroclor-1016-3	(3)	5.89	5.90	5.89	5.89	5.90	5.89	5.79	5.99
Aroclor-1016-4	(4)	5.99	5.99	5.99	5.99	6.00	5.99	5.89	6.09
Aroclor-1016-5	(5)	6.28	6.29	6.28	6.28	6.29	6.28	6.18	6.38
Aroclor-1260-1	(1)	7.40	7.40	7.40	7.40	7.41	7.40	7.30	7.50
Aroclor-1260-2	(2)	7.65	7.66	7.65	7.65	7.66	7.65	7.55	7.75
Aroclor-1260-3	(3)	8.01	8.01	8.01	8.01	8.02	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.24	8.24	8.24	8.24	8.25	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.56	8.57	8.56	8.56	8.57	8.57	8.47	8.67
Decachlorobiphenyl		10.43	10.44	10.43	10.43	10.45	10.44	10.34	10.54
Tetrachloro-m-xylene		4.65	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1242-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1242-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1242-3	(3)	5.90	5.89	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1242-4	(4)	5.99	5.99	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1242-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1248-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1248-2	(2)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1248-3	(3)	6.28	6.28	6.29	6.28	6.28	6.28	6.18	6.38
Aroclor-1248-4	(4)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1248-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.43	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-1	(1)	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Aroclor-1254-2	(2)	6.88	6.87	6.88	6.88	6.87	6.87	6.77	6.97
Aroclor-1254-3	(3)	7.24	7.24	7.24	7.24	7.23	7.24	7.14	7.34
Aroclor-1254-4	(4)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1254-5	(5)	7.94	7.93	7.94	7.94	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.43	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1268-1	(1)	8.89	8.89	8.89	8.89	8.89	8.89	8.79	8.99
Aroclor-1268-2	(2)	8.99	8.99	8.99	8.98	8.98	8.99	8.89	9.09
Aroclor-1268-3	(3)	9.23	9.23	9.23	9.23	9.22	9.23	9.13	9.33
Aroclor-1268-4	(4)	9.66	9.66	9.66	9.65	9.65	9.65	9.55	9.75
Aroclor-1268-5	(5)	10.09	10.09	10.09	10.09	10.08	10.09	9.99	10.19

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene	4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3257</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
		Calibration Times:	<u>08:45</u> <u>17:14</u>

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID:	RT 1000 = <u>PP075247.D</u>	RT 750 = <u>PP075248.D</u>
RT 500 = <u>PP075249.D</u>	RT 250 = <u>PP075250.D</u>	RT 050 = <u>PP075251.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.90	4.89	4.89	4.89	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-3	(3)	5.07	5.07	5.07	5.07	5.07	5.07	4.97	5.17
Aroclor-1016-4	(4)	5.11	5.11	5.11	5.11	5.12	5.11	5.01	5.21
Aroclor-1016-5	(5)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1260-1	(1)	6.36	6.36	6.36	6.35	6.36	6.36	6.26	6.46
Aroclor-1260-2	(2)	6.54	6.54	6.54	6.54	6.55	6.54	6.44	6.64
Aroclor-1260-3	(3)	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
Aroclor-1260-4	(4)	7.17	7.17	7.17	7.16	7.17	7.17	7.07	7.27
Aroclor-1260-5	(5)	7.41	7.40	7.40	7.40	7.41	7.41	7.31	7.51
Decachlorobiphenyl		8.81	8.80	8.80	8.80	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1242-1	(1)	4.90	4.90	4.90	4.89	4.89	4.90	4.80	5.00
Aroclor-1242-2	(2)	4.95	4.96	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1242-3	(3)	5.07	5.07	5.07	5.07	5.08	5.07	4.97	5.17
Aroclor-1242-4	(4)	5.16	5.16	5.16	5.15	5.16	5.16	5.06	5.26
Aroclor-1242-5	(5)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Decachlorobiphenyl		8.81	8.81	8.81	8.81	8.80	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1248-1	(1)	4.89	4.90	4.89	4.90	4.90	4.90	4.80	5.00
Aroclor-1248-2	(2)	5.11	5.12	5.11	5.12	5.11	5.11	5.01	5.21
Aroclor-1248-3	(3)	5.15	5.16	5.15	5.16	5.15	5.16	5.06	5.26
Aroclor-1248-4	(4)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1248-5	(5)	5.72	5.72	5.71	5.72	5.73	5.72	5.62	5.82
Decachlorobiphenyl		8.80	8.81	8.80	8.81	8.80	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1254-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1254-3	(3)	6.23	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Aroclor-1254-4	(4)	6.45	6.45	6.46	6.45	6.45	6.45	6.35	6.55
Aroclor-1254-5	(5)	6.87	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Decachlorobiphenyl		8.81	8.81	8.81	8.81	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1268-1	(1)	7.69	7.69	7.69	7.69	7.69	7.69	7.59	7.79
Aroclor-1268-2	(2)	7.75	7.75	7.75	7.75	7.75	7.75	7.65	7.85
Aroclor-1268-3	(3)	7.96	7.96	7.96	7.96	7.96	7.96	7.86	8.06
Aroclor-1268-4	(4)	8.25	8.25	8.25	8.25	8.25	8.25	8.15	8.35
Aroclor-1268-5	(5)	8.55	8.55	8.55	8.54	8.54	8.54	8.44	8.64

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.81	8.81	8.81	8.80	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene	3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90

A

B

C

D

E

F

G

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: CAMP02
SDG NO.: Q3257

Calibration Date(s): 09/23/2025 09/23/2025
Calibration Times: 08:45 17:14

GC Column: ZB-MR1 **ID:** 0.32 (mm)

LAB FILE ID: CF 1000 = PP075247.D CF 750 = PP075248.D								
CF 500 = PP075249.D CF 250 = PP075250.D CF 050 = PP075251.D								
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	42347817	45007967	46870170	50153844	56144100	48104780	11
Aroclor-1016-2	(2)	64402738	67720917	69660408	74265036	82593880	71728596	10
Aroclor-1016-3	(3)	39431965	41872236	43807668	47351972	60190040	46530776	18
Aroclor-1016-4	(4)	32893250	34833364	35556514	38336304	36563880	35636662	6
Aroclor-1016-5	(5)	31586228	33455985	34268374	37039376	32256580	33721309	6
Aroclor-1260-1	(1)	52823399	56388379	60551008	64105520	66729180	60119497	9
Aroclor-1260-2	(2)	63303692	67485644	69648556	75704048	87848060	72798000	13
Aroclor-1260-3	(3)	48177125	50964003	52841238	56234364	62508960	54145138	10
Aroclor-1260-4	(4)	52102929	55158468	56921418	59245152	59257840	56537161	5
Aroclor-1260-5	(5)	102126116	107524053	110369268	115809508	113212520	109808293	5
Decachlorobiphenyl		920246130	962712813	986576680	1032362440	1085842800	997548173	6
Tetrachloro-m-xylene		1241637260	1308534467	1312330580	1382545720	1297359400	1308481485	4
Aroclor-1242-1	(1)	36886529	39218005	41223848	44446876	46523260	41659704	9
Aroclor-1242-2	(2)	55040068	57977600	60249464	64089044	60830740	59637383	6
Aroclor-1242-3	(3)	34279044	36622237	38652038	41896284	50681480	40426217	16
Aroclor-1242-4	(4)	28461551	29972721	31322910	33558448	33854640	31434054	7
Aroclor-1242-5	(5)	31568865	33442463	35656256	39523980	35586800	35155673	8
Decachlorobiphenyl		926627030	968517160	1003394580	1047152200	937997000	976737594	5
Tetrachloro-m-xylene		1236238500	1295575613	1320312660	1382228640	1251655600	1297202203	4
Aroclor-1248-1	(1)	29172565	31397577	32249970	33755340	31223340	31559758	5
Aroclor-1248-2	(2)	39359802	41783284	43459792	45079104	47158200	43368036	7
Aroclor-1248-3	(3)	44196144	46704360	48478236	50173996	49240700	47758687	5
Aroclor-1248-4	(4)	53562132	56623921	59266248	61341900	64765060	59111852	7
Aroclor-1248-5	(5)	51867384	54812452	57671502	61547912	69597980	59099446	12
Decachlorobiphenyl		936214370	980173387	1009425800	1018487400	982414600	985343111	3
Tetrachloro-m-xylene		1235222620	1285172653	1318552840	1328682760	1313272800	1296180735	3
Aroclor-1254-1	(1)	61475917	62734304	65986682	62998532	67924500	64223987	4
Aroclor-1254-2	(2)	77552440	82328021	86739650	88146820	94902000	85933786	8
Aroclor-1254-3	(3)	82845377	87949261	92224268	94074964	105017660	92422306	9
Aroclor-1254-4	(4)	64880438	68693089	72666206	72469616	78036900	71349250	7
Aroclor-1254-5	(5)	77310574	81941501	85874638	85948608	77961320	81807328	5
Decachlorobiphenyl		940196120	995283773	1040085460	1002732880	956220600	986903767	4
Tetrachloro-m-xylene		1243265480	1304021133	1335815700	1326930840	1339353000	1309877231	3
Aroclor-1268-1	(1)	152883178	159692704	169160672	171922300	156133040	161958379	5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	141133811	146979519	155825750	156513748	141348060	148360178	5
Aroclor-1268-3	(3)	118887581	123478560	131058116	130049472	116969640	124088674	5
Aroclor-1268-4	(4)	55874289	58464284	61978114	60989252	60829860	59627160	4
Aroclor-1268-5	(5)	373677572	388367939	407123198	405183456	366620440	388194521	5
Decachlorobiphenyl		1657406580	1735675800	1838831580	1851125440	1610932200	1738794320	6
Tetrachloro-m-xylene		1279137450	1334222493	1390576680	1375184440	1232599000	1322344013	5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: CAMP02
SDG NO.: Q3257

Calibration Date(s): 09/23/2025 09/23/2025
Calibration Times: 08:45 17:14

GC Column: ZB-MR2 **ID:** 0.32 (mm)

LAB FILE ID: <u>PP075247.D</u> CF 1000 = <u>PP075248.D</u> CF 750 = CF 500 = <u>PP075249.D</u> CF 250 = <u>PP075250.D</u> CF 050 = <u>PP075251.D</u>							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	550669557	575041595	570968608	557638892	550748680	2
Aroclor-1016-2	(2)	253692272	266987116	261503738	252594292	250233300	3
Aroclor-1016-3	(3)	139883237	146298759	147016140	140568364	202575320	17
Aroclor-1016-4	(4)	139175266	149989423	152767546	146969012	145938660	3
Aroclor-1016-5	(5)	157135257	166127832	167159970	171673236	154814600	4
Aroclor-1260-1	(1)	389924896	398807288	400126940	426602072	414215600	4
Aroclor-1260-2	(2)	565343775	583502056	582903442	580470456	566929720	2
Aroclor-1260-3	(3)	422351862	433041807	427033404	426203564	431794540	1
Aroclor-1260-4	(4)	428778820	432299260	434882920	423190072	436968900	1
Aroclor-1260-5	(5)	1056009939	1104491933	1106785704	1094138908	898515660	8
Decachlorobiphenyl		6122260390	6260409867	6205942400	6354732320	5219165200	8
Tetrachloro-m-xylene		6636388100	6400989987	6258078260	6278037480	4930931000	11
Aroclor-1242-1	(1)	472236904	485846165	486239260	487321948	403955360	8
Aroclor-1242-2	(2)	217510086	216447451	216513930	219383960	174933800	9
Aroclor-1242-3	(3)	123250580	122980740	121647250	125144732	116794760	3
Aroclor-1242-4	(4)	159270704	162580923	163635768	175639772	134330060	10
Aroclor-1242-5	(5)	192075351	196719551	194226854	201700156	188695940	3
Decachlorobiphenyl		6210283890	6223405693	6336701840	6098511680	5039253200	9
Tetrachloro-m-xylene		6371057840	6261042827	6076223420	6032393800	4834060000	10
Aroclor-1248-1	(1)	313001525	314287516	316712298	313219832	245110400	10
Aroclor-1248-2	(2)	194621063	204942157	200519274	206042640	206270120	2
Aroclor-1248-3	(3)	238833016	244338553	263622092	258775616	243161480	4
Aroclor-1248-4	(4)	233390044	236006324	231247510	230022068	233051700	1
Aroclor-1248-5	(5)	417516536	433645501	453462226	437040196	301192600	15
Decachlorobiphenyl		6280619880	6334319187	6392002300	6030990520	5377561400	7
Tetrachloro-m-xylene		6342135760	6351132560	6173502940	5553544360	4399164000	14
Aroclor-1254-1	(1)	503004292	535011767	531987056	521951800	402057780	11
Aroclor-1254-2	(2)	378219544	403583375	399300676	392234176	422583680	4
Aroclor-1254-3	(3)	715208754	722755991	718569236	662347256	504737840	14
Aroclor-1254-4	(4)	505627774	538597859	544931308	492275784	386803020	13
Aroclor-1254-5	(5)	551845651	631515513	645579268	578311224	446211920	14
Decachlorobiphenyl		6237706050	6279124973	6507474640	6157241280	5410407600	7
Tetrachloro-m-xylene		6240840860	6469002347	6413333980	5502278160	4576318000	14
Aroclor-1268-1	(1)	1460168699	1513699808	1559348234	1460709316	1219243940	9

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1471677824	1500245056	1520481630	1382554016	1099105140	1394812733	12
Aroclor-1268-3	(3)	1142468076	1153335345	1195510260	1093929288	869367940	1090922182	12
Aroclor-1268-4	(4)	470517486	472924412	482908940	460922856	362513880	449957515	11
Aroclor-1268-5	(5)	3043336629	3184766664	3278330982	3285110680	2399968480	3038302687	12
Decachlorobiphenyl		12094690940	12187875973	12233092380	12124440600	9791304400	11686280859	9
Tetrachloro-m-xylene		6567329620	6628773733	6640722000	6057317560	4103278800	5999484343	18

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
Instrument ID: ECD_P **Date(s) Analyzed:** 09/23/2025 09/23/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.86	4.76	4.96	18490700
		2	4.95	4.85	5.05	13697900
		3	5.02	4.92	5.12	41397800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	32115600
		2	5.54	5.44	5.64	16774900
		3	5.83	5.73	5.93	33440800
		4	5.99	5.89	6.09	17299100
		5	6.08	5.98	6.18	12004400
Aroclor-1262	500	1	8.24	8.14	8.34	75955200
		2	8.57	8.47	8.67	135361000
		3	8.90	8.80	9.00	93451000
		4	8.98	8.88	9.08	72237200
		5	9.66	9.56	9.76	52135400

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q3257

Instrument ID: ECD_P Date(s) Analyzed: 09/23/2025 09/23/2025

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.01	3.91	4.11	76477600
		2	4.09	3.99	4.19	52263200
		3	4.17	4.07	4.27	190406000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.17	4.07	4.27	146566000
		2	4.89	4.79	4.99	252198000
		3	5.07	4.97	5.17	63015000
		4	5.15	5.05	5.25	103164000
		5	5.33	5.23	5.43	64046600
Aroclor-1262	500	1	6.91	6.81	7.01	791116000
		2	7.17	7.07	7.27	552368000
		3	7.69	7.59	7.79	499974000
		4	7.75	7.65	7.85	908084000
		5	8.25	8.15	8.35	429906000

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 12:28

Initial Calibration Time(s): 09:34 19:21

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.81	4.82	4.72	4.92	0.01
Aroclor-1016-4	(4)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.22	6.23	6.13	6.33	0.01
Aroclor-1260-2	(2)	6.41	6.42	6.32	6.52	0.01
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.01
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.66	8.67	8.57	8.77	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 12:28

Initial Calibration Time(s): 09:34 19:21

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.16	5.17	5.07	5.27	0.01
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.00	6.90	7.10	0.00
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO114169.D **Time Analyzed:** 12:28

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.738	4.643	4.843	468.900	500.000	-6.2
Aroclor-1016-2	4.756	4.661	4.861	483.030	500.000	-3.4
Aroclor-1016-3	4.813	4.718	4.918	462.470	500.000	-7.5
Aroclor-1016-4	4.933	4.837	5.037	461.110	500.000	-7.8
Aroclor-1016-5	5.188	5.093	5.293	504.890	500.000	1.0
Aroclor-1260-1	6.223	6.129	6.329	533.130	500.000	6.6
Aroclor-1260-2	6.413	6.319	6.519	510.710	500.000	2.1
Aroclor-1260-3	6.778	6.683	6.883	519.910	500.000	4.0
Aroclor-1260-4	7.035	6.941	7.141	584.390	500.000	16.9
Aroclor-1260-5	7.279	7.185	7.385	589.590	500.000	17.9
Decachlorobiphenyl	8.662	8.570	8.770	54.150	50.000	8.3
Tetrachloro-m-xylene	3.657	3.560	3.760	49.240	50.000	-1.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO114169.D **Time Analyzed:** 12:28

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.718	4.623	4.823	444.890	500.000	-11.0
Aroclor-1016-2	4.736	4.641	4.841	439.230	500.000	-12.2
Aroclor-1016-3	4.910	4.816	5.016	442.320	500.000	-11.5
Aroclor-1016-4	4.953	4.858	5.058	449.000	500.000	-10.2
Aroclor-1016-5	5.164	5.070	5.270	461.840	500.000	-7.6
Aroclor-1260-1	6.189	6.096	6.296	437.150	500.000	-12.6
Aroclor-1260-2	6.378	6.284	6.484	414.640	500.000	-17.1
Aroclor-1260-3	6.528	6.435	6.635	407.870	500.000	-18.4
Aroclor-1260-4	6.997	6.903	7.103	415.100	500.000	-17.0
Aroclor-1260-5	7.240	7.146	7.346	414.490	500.000	-17.1
Decachlorobiphenyl	8.606	8.514	8.714	50.970	50.000	1.9
Tetrachloro-m-xylene	3.648	3.551	3.751	46.630	50.000	-6.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 17:26

Initial Calibration Time(s): 09:34 19:21

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-2	(2)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-3	(3)	4.81	4.82	4.72	4.92	0.01
Aroclor-1016-4	(4)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-5	(5)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-1	(1)	6.22	6.23	6.13	6.33	0.01
Aroclor-1260-2	(2)	6.41	6.42	6.32	6.52	0.01
Aroclor-1260-3	(3)	6.78	6.78	6.68	6.88	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.01
Aroclor-1260-5	(5)	7.28	7.29	7.19	7.39	0.01
Tetrachloro-m-xylene		3.66	3.66	3.56	3.76	0.00
Decachlorobiphenyl		8.66	8.67	8.57	8.77	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/15/2025 09/15/2025

Continuing Calib Time: 17:26

Initial Calibration Time(s): 09:34 19:21

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.72	4.72	4.62	4.82	0.00
Aroclor-1016-2	(2)	4.74	4.74	4.64	4.84	0.00
Aroclor-1016-3	(3)	4.91	4.92	4.82	5.02	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.16	5.17	5.07	5.27	0.01
Aroclor-1260-1	(1)	6.19	6.20	6.10	6.30	0.01
Aroclor-1260-2	(2)	6.38	6.38	6.28	6.48	0.00
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.00	6.90	7.10	0.00
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.65	3.65	3.55	3.75	0.00
Decachlorobiphenyl		8.61	8.61	8.51	8.71	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO114180.D **Time Analyzed:** 17:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.739	4.643	4.843	471.080	500.000	-5.8
Aroclor-1016-2	4.756	4.661	4.861	474.150	500.000	-5.2
Aroclor-1016-3	4.814	4.718	4.918	460.560	500.000	-7.9
Aroclor-1016-4	4.933	4.837	5.037	455.760	500.000	-8.8
Aroclor-1016-5	5.189	5.093	5.293	482.620	500.000	-3.5
Aroclor-1260-1	6.224	6.129	6.329	505.560	500.000	1.1
Aroclor-1260-2	6.413	6.319	6.519	476.650	500.000	-4.7
Aroclor-1260-3	6.778	6.683	6.883	482.700	500.000	-3.5
Aroclor-1260-4	7.035	6.941	7.141	542.330	500.000	8.5
Aroclor-1260-5	7.280	7.185	7.385	565.590	500.000	13.1
Decachlorobiphenyl	8.663	8.570	8.770	50.770	50.000	1.5
Tetrachloro-m-xylene	3.657	3.560	3.760	47.670	50.000	-4.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/15/2025 09/15/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO114180.D **Time Analyzed:** 17:26

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.718	4.623	4.823	437.360	500.000	-12.5
Aroclor-1016-2	4.736	4.641	4.841	441.690	500.000	-11.7
Aroclor-1016-3	4.910	4.816	5.016	437.770	500.000	-12.4
Aroclor-1016-4	4.953	4.858	5.058	443.560	500.000	-11.3
Aroclor-1016-5	5.164	5.070	5.270	452.680	500.000	-9.5
Aroclor-1260-1	6.190	6.096	6.296	424.800	500.000	-15.0
Aroclor-1260-2	6.378	6.284	6.484	403.820	500.000	-19.2
Aroclor-1260-3	6.528	6.435	6.635	400.030	500.000	-20.0
Aroclor-1260-4	6.997	6.903	7.103	404.190	500.000	-19.2
Aroclor-1260-5	7.239	7.146	7.346	405.450	500.000	-18.9
Decachlorobiphenyl	8.607	8.514	8.714	48.720	50.000	-2.6
Tetrachloro-m-xylene	3.648	3.551	3.751	46.250	50.000	-7.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/23/2025

09/23/2025

Continuing Calib Time: 13:25

Initial Calibration Time(s): 08:45

17:14

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.56	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.65	4.66	4.56	4.76	0.01
Decachlorobiphenyl		10.43	10.43	10.33	10.53	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 13:25

Initial Calibration Time(s): 08:45 17:14

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-3	(3)	6.69	6.70	6.60	6.80	0.01
Aroclor-1260-4	(4)	7.16	7.17	7.07	7.27	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.80	8.80	8.70	8.90	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075487.D **Time Analyzed:** 13:25

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.806	5.708	5.908	483.220	500.000	-3.4
Aroclor-1016-2	5.827	5.729	5.929	483.420	500.000	-3.3
Aroclor-1016-3	5.889	5.792	5.992	468.840	500.000	-6.2
Aroclor-1016-4	5.987	5.889	6.089	505.370	500.000	1.1
Aroclor-1016-5	6.279	6.181	6.381	508.590	500.000	1.7
Aroclor-1260-1	7.397	7.299	7.499	494.520	500.000	-1.1
Aroclor-1260-2	7.649	7.551	7.751	490.090	500.000	-2.0
Aroclor-1260-3	8.008	7.909	8.109	529.150	500.000	5.8
Aroclor-1260-4	8.236	8.137	8.337	557.780	500.000	11.6
Aroclor-1260-5	8.562	8.464	8.664	548.070	500.000	9.6
Decachlorobiphenyl	10.431	10.334	10.534	52.530	50.000	5.1
Tetrachloro-m-xylene	4.654	4.555	4.755	49.960	50.000	-0.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075487.D **Time Analyzed:** 13:25

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.890	4.793	4.993	528.570	500.000	5.7
Aroclor-1016-2	4.947	4.851	5.051	545.600	500.000	9.1
Aroclor-1016-3	5.067	4.971	5.171	501.080	500.000	0.2
Aroclor-1016-4	5.108	5.011	5.211	530.480	500.000	6.1
Aroclor-1016-5	5.322	5.225	5.425	515.400	500.000	3.1
Aroclor-1260-1	6.351	6.255	6.455	494.220	500.000	-1.2
Aroclor-1260-2	6.537	6.441	6.641	493.840	500.000	-1.2
Aroclor-1260-3	6.691	6.595	6.795	501.030	500.000	0.2
Aroclor-1260-4	7.160	7.065	7.265	467.020	500.000	-6.6
Aroclor-1260-5	7.399	7.304	7.504	492.420	500.000	-1.5
Decachlorobiphenyl	8.797	8.703	8.903	59.950	50.000	19.9
Tetrachloro-m-xylene	3.795	3.696	3.896	54.760	50.000	9.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 18:17

Initial Calibration Time(s): 08:45 17:14

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.80	5.81	5.71	5.91	0.01
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.01
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.01
Aroclor-1260-5	(5)	8.56	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.65	4.66	4.56	4.76	0.01
Decachlorobiphenyl		10.43	10.43	10.33	10.53	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 18:17

Initial Calibration Time(s): 08:45 17:14

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.95	4.95	4.85	5.05	0.00
Aroclor-1016-3	(3)	5.07	5.07	4.97	5.17	0.00
Aroclor-1016-4	(4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.54	6.54	6.44	6.64	0.00
Aroclor-1260-3	(3)	6.69	6.70	6.60	6.80	0.01
Aroclor-1260-4	(4)	7.16	7.17	7.07	7.27	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.79	3.80	3.70	3.90	0.01
Decachlorobiphenyl		8.80	8.80	8.70	8.90	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075502.D **Time Analyzed:** 18:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.804	5.708	5.908	473.060	500.000	-5.4
Aroclor-1016-2	5.826	5.729	5.929	469.860	500.000	-6.0
Aroclor-1016-3	5.889	5.792	5.992	455.600	500.000	-8.9
Aroclor-1016-4	5.985	5.889	6.089	493.790	500.000	-1.2
Aroclor-1016-5	6.278	6.181	6.381	500.660	500.000	0.1
Aroclor-1260-1	7.395	7.299	7.499	477.280	500.000	-4.5
Aroclor-1260-2	7.648	7.551	7.751	476.320	500.000	-4.7
Aroclor-1260-3	8.006	7.909	8.109	522.300	500.000	4.5
Aroclor-1260-4	8.235	8.137	8.337	543.760	500.000	8.8
Aroclor-1260-5	8.560	8.464	8.664	537.540	500.000	7.5
Decachlorobiphenyl	10.430	10.334	10.534	51.370	50.000	2.7
Tetrachloro-m-xylene	4.653	4.555	4.755	48.550	50.000	-2.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/01/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075502.D **Time Analyzed:** 18:17

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.889	4.793	4.993	517.730	500.000	3.5
Aroclor-1016-2	4.947	4.851	5.051	522.530	500.000	4.5
Aroclor-1016-3	5.066	4.971	5.171	481.600	500.000	-3.7
Aroclor-1016-4	5.108	5.011	5.211	507.540	500.000	1.5
Aroclor-1016-5	5.321	5.225	5.425	501.600	500.000	0.3
Aroclor-1260-1	6.349	6.255	6.455	486.720	500.000	-2.7
Aroclor-1260-2	6.536	6.441	6.641	494.350	500.000	-1.1
Aroclor-1260-3	6.690	6.595	6.795	472.770	500.000	-5.4
Aroclor-1260-4	7.158	7.065	7.265	450.810	500.000	-9.8
Aroclor-1260-5	7.398	7.304	7.504	474.700	500.000	-5.1
Decachlorobiphenyl	8.796	8.703	8.903	59.730	50.000	19.5
Tetrachloro-m-xylene	3.793	3.696	3.896	53.400	50.000	6.8

Analytical Sequence

Client: CDM Smith

SDG No.: Q3257

Project: MWCO CJO WTP Edison 295110

Instrument ID: ECD_O

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/15/2025 09/15/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/15/2025	09:16	PO113719.D	8.67	3.66
AR1660ICC1000	AR1660ICC1000	09/15/2025	09:34	PO113720.D	8.67	3.66
AR1660ICC750	AR1660ICC750	09/15/2025	09:53	PO113721.D	8.67	3.66
AR1660ICC500	AR1660ICC500	09/15/2025	10:11	PO113722.D	8.67	3.66
AR1660ICC250	AR1660ICC250	09/15/2025	10:30	PO113723.D	8.67	3.66
AR1660ICC050	AR1660ICC050	09/15/2025	10:48	PO113724.D	8.67	3.66
AR1221ICC500	AR1221ICC500	09/15/2025	11:06	PO113725.D	8.67	3.66
AR1232ICC500	AR1232ICC500	09/15/2025	11:25	PO113726.D	8.67	3.66
AR1242ICC1000	AR1242ICC1000	09/15/2025	11:43	PO113727.D	8.67	3.66
AR1242ICC750	AR1242ICC750	09/15/2025	12:02	PO113728.D	8.67	3.66
AR1242ICC500	AR1242ICC500	09/15/2025	12:20	PO113729.D	8.67	3.66
AR1242ICC250	AR1242ICC250	09/15/2025	12:38	PO113730.D	8.67	3.66
AR1242ICC050	AR1242ICC050	09/15/2025	13:34	PO113731.D	8.67	3.66
AR1248ICC1000	AR1248ICC1000	09/15/2025	13:54	PO113732.D	8.67	3.66
AR1248ICC750	AR1248ICC750	09/15/2025	14:13	PO113733.D	8.67	3.66
AR1248ICC500	AR1248ICC500	09/15/2025	14:31	PO113734.D	8.67	3.66
AR1248ICC250	AR1248ICC250	09/15/2025	14:49	PO113735.D	8.67	3.66
AR1248ICC050	AR1248ICC050	09/15/2025	15:26	PO113736.D	8.67	3.66
AR1254ICC1000	AR1254ICC1000	09/15/2025	15:45	PO113737.D	8.67	3.66
AR1254ICC750	AR1254ICC750	09/15/2025	16:02	PO113738.D	8.67	3.66
AR1254ICC500	AR1254ICC500	09/15/2025	16:20	PO113739.D	8.67	3.66
AR1254ICC250	AR1254ICC250	09/15/2025	16:38	PO113740.D	8.67	3.66
AR1254ICC050	AR1254ICC050	09/15/2025	17:14	PO113741.D	8.67	3.66
AR1262ICC500	AR1262ICC500	09/15/2025	17:33	PO113742.D	8.67	3.66
AR1268ICC1000	AR1268ICC1000	09/15/2025	17:51	PO113743.D	8.67	3.66
AR1268ICC750	AR1268ICC750	09/15/2025	18:10	PO113744.D	8.67	3.66
AR1268ICC500	AR1268ICC500	09/15/2025	18:27	PO113745.D	8.67	3.66
AR1268ICC250	AR1268ICC250	09/15/2025	18:45	PO113746.D	8.67	3.66
AR1268ICC050	AR1268ICC050	09/15/2025	19:21	PO113747.D	8.67	3.66
AR1660CCC500	AR1660CCC500	10/01/2025	12:28	PO114169.D	8.66	3.66
IBLK	IBLK	10/01/2025	13:42	PO114173.D	8.66	3.66
PB169932BL	PB169932BL	10/01/2025	14:25	PO114174.D	8.67	3.66
PB169932BS	PB169932BS	10/01/2025	14:43	PO114175.D	8.66	3.66
SOIL-PILE-1-WCMS	Q3256-01MS	10/01/2025	15:38	PO114178.D	8.66	3.66
SOIL-PILE-1-WCMSD	Q3256-01MSD	10/01/2025	15:57	PO114179.D	8.66	3.66
AR1660CCC500	AR1660CCC500	10/01/2025	17:26	PO114180.D	8.66	3.66
IBLK	IBLK	10/01/2025	18:40	PO114184.D	8.66	3.66
IBLK	IBLK	09/23/2025	08:29	PP075246.D	10.44	4.66
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	10.43	4.65
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	10.44	4.66
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	10.43	4.66
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	10.43	4.66

Analytical Sequence

AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	10.45	4.66
AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	10.44	4.66
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	10.44	4.66
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	10.44	4.66
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	10.44	4.66
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	10.44	4.66
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	10.44	4.66
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	10.44	4.66
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	10.43	4.66
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	10.44	4.66
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	10.44	4.66
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	10.44	4.66
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	10.44	4.66
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	10.44	4.66
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	10.44	4.66
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	10.44	4.66
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	10.44	4.66
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	10.43	4.66
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	10.44	4.66
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	10.44	4.66
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	10.44	4.66
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	10.44	4.66
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	10.44	4.66
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	10.44	4.66
AR1660CCC500	AR1660CCC500	10/01/2025	13:25	PP075487.D	10.43	4.65
IBLK	IBLK	10/01/2025	14:30	PP075491.D	10.43	4.66
ENV2-6FT	Q3257-02	10/01/2025	16:40	PP075499.D	10.43	4.66
ENV1-6FT	Q3257-01	10/01/2025	17:12	PP075501.D	10.43	4.66
AR1660CCC500	AR1660CCC500	10/01/2025	18:17	PP075502.D	10.43	4.65
IBLK	IBLK	10/01/2025	19:39	PP075506.D	10.43	4.65

Analytical Sequence

Client: CDM Smith	SDG No.: Q3257
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/15/2025 09/15/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/15/2025	09:16	PO113719.D	8.62	3.65
AR1660ICC1000	AR1660ICC1000	09/15/2025	09:34	PO113720.D	8.61	3.65
AR1660ICC750	AR1660ICC750	09/15/2025	09:53	PO113721.D	8.62	3.65
AR1660ICC500	AR1660ICC500	09/15/2025	10:11	PO113722.D	8.61	3.65
AR1660ICC250	AR1660ICC250	09/15/2025	10:30	PO113723.D	8.62	3.65
AR1660ICC050	AR1660ICC050	09/15/2025	10:48	PO113724.D	8.62	3.65
AR1221ICC500	AR1221ICC500	09/15/2025	11:06	PO113725.D	8.61	3.65
AR1232ICC500	AR1232ICC500	09/15/2025	11:25	PO113726.D	8.62	3.65
AR1242ICC1000	AR1242ICC1000	09/15/2025	11:43	PO113727.D	8.62	3.65
AR1242ICC750	AR1242ICC750	09/15/2025	12:02	PO113728.D	8.62	3.65
AR1242ICC500	AR1242ICC500	09/15/2025	12:20	PO113729.D	8.62	3.65
AR1242ICC250	AR1242ICC250	09/15/2025	12:38	PO113730.D	8.62	3.65
AR1242ICC050	AR1242ICC050	09/15/2025	13:34	PO113731.D	8.62	3.65
AR1248ICC1000	AR1248ICC1000	09/15/2025	13:54	PO113732.D	8.62	3.65
AR1248ICC750	AR1248ICC750	09/15/2025	14:13	PO113733.D	8.62	3.65
AR1248ICC500	AR1248ICC500	09/15/2025	14:31	PO113734.D	8.61	3.65
AR1248ICC250	AR1248ICC250	09/15/2025	14:49	PO113735.D	8.62	3.65
AR1248ICC050	AR1248ICC050	09/15/2025	15:26	PO113736.D	8.62	3.65
AR1254ICC1000	AR1254ICC1000	09/15/2025	15:45	PO113737.D	8.62	3.65
AR1254ICC750	AR1254ICC750	09/15/2025	16:02	PO113738.D	8.61	3.65
AR1254ICC500	AR1254ICC500	09/15/2025	16:20	PO113739.D	8.62	3.65
AR1254ICC250	AR1254ICC250	09/15/2025	16:38	PO113740.D	8.61	3.65
AR1254ICC050	AR1254ICC050	09/15/2025	17:14	PO113741.D	8.62	3.65
AR1262ICC500	AR1262ICC500	09/15/2025	17:33	PO113742.D	8.62	3.65
AR1268ICC1000	AR1268ICC1000	09/15/2025	17:51	PO113743.D	8.62	3.65
AR1268ICC750	AR1268ICC750	09/15/2025	18:10	PO113744.D	8.61	3.65
AR1268ICC500	AR1268ICC500	09/15/2025	18:27	PO113745.D	8.61	3.65
AR1268ICC250	AR1268ICC250	09/15/2025	18:45	PO113746.D	8.62	3.65
AR1268ICC050	AR1268ICC050	09/15/2025	19:21	PO113747.D	8.61	3.65
AR1660CCC500	AR1660CCC500	10/01/2025	12:28	PO114169.D	8.61	3.65
IBLK	IBLK	10/01/2025	13:42	PO114173.D	8.61	3.65
PB169932BL	PB169932BL	10/01/2025	14:25	PO114174.D	8.61	3.65
PB169932BS	PB169932BS	10/01/2025	14:43	PO114175.D	8.60	3.65
SOIL-PILE-1-WCMS	Q3256-01MS	10/01/2025	15:38	PO114178.D	8.61	3.65
SOIL-PILE-1-WCMSD	Q3256-01MSD	10/01/2025	15:57	PO114179.D	8.61	3.65
AR1660CCC500	AR1660CCC500	10/01/2025	17:26	PO114180.D	8.61	3.65
IBLK	IBLK	10/01/2025	18:40	PO114184.D	8.61	3.65
IBLK	IBLK	09/23/2025	08:29	PP075246.D	8.81	3.80
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	8.81	3.80
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	8.80	3.80
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	8.80	3.80
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	8.80	3.80

Analytical Sequence

AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	8.81	3.80
AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	8.81	3.80
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	8.81	3.80
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	8.81	3.80
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	8.81	3.80
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	8.81	3.80
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	8.81	3.80
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	8.80	3.80
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	8.80	3.80
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	8.81	3.80
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	8.80	3.80
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	8.81	3.80
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	8.80	3.80
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	8.81	3.80
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	8.81	3.80
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	8.81	3.80
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	8.81	3.80
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	8.81	3.80
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	8.81	3.80
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	8.81	3.80
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	8.81	3.80
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	8.81	3.80
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	8.80	3.80
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	8.81	3.80
AR1660CCC500	AR1660CCC500	10/01/2025	13:25	PP075487.D	8.80	3.80
IBLK	IBLK	10/01/2025	14:30	PP075491.D	8.80	3.80
ENV2-6FT	Q3257-02	10/01/2025	16:40	PP075499.D	8.80	3.80
ENV1-6FT	Q3257-01	10/01/2025	17:12	PP075501.D	8.80	3.80
AR1660CCC500	AR1660CCC500	10/01/2025	18:17	PP075502.D	8.80	3.79
IBLK	IBLK	10/01/2025	19:39	PP075506.D	8.80	3.80



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169932BL	SDG No.:	Q3257
Lab Sample ID:	PB169932BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01 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
PO114174.D	1	10/01/25 09:35	10/01/25 14:25	PB169932

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.6		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.9		32 - 175	119%	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:	CDM Smith	Date Collected:	09/15/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/15/25
Client Sample ID:	PIBLK-PO113719.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PO113719.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO113719.D	1		09/15/25	po091525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.0		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 140	86%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PO114173.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PO114173.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114173.D	1		10/01/25	PO100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.3		60 - 140	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.4		60 - 140	92%	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:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PO114184.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PO114184.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114184.D	1		10/01/25	po100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.8		60 - 140	79%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.3		60 - 140	87%	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:	CDM Smith	Date Collected:	09/23/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/23/25
Client Sample ID:	PIBLK-PP075246.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PP075246.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075246.D	1		09/23/25	pp092325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		60 - 140	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		60 - 140	97%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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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:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PP075491.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PP075491.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075491.D	1		10/01/25	PP100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.8		60 - 140	89%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.3		60 - 140	106%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

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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:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PP075506.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PP075506.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075506.D	1		10/01/25	PP100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.2		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.7		60 - 140	104%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	MWCO CJO WTP Edison 295110		Date Received:		
Client Sample ID:	PB169932BS		SDG No.:	Q3257	
Lab Sample ID:	PB169932BS		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	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
PO114175.D	1	10/01/25 09:35	10/01/25 14:43	PB169932

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	178		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	187		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.5		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.3		32 - 175	106%	SPK: 20

Comments:

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MDL = Method Detection Limit

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() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	SOIL-PILE-1-WCMS	SDG No.:	Q3257
Lab Sample ID:	Q3256-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114178.D	1	10/01/25 09:35	10/01/25 15:38	PB169932

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	208		4.50	19.4	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.4	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.4	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.4	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.4	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.4	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.4	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.4	ug/kg
11096-82-5	Aroclor-1260	189		3.70	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.7		32 - 144	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.8		32 - 175	79%	SPK: 20

Comments:

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Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	SOIL-PILE-1-WCMUSD	SDG No.:	Q3257
Lab Sample ID:	Q3256-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87.7
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO114179.D	1	10/01/25 09:35	10/01/25 15:57	PB169932

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	212		4.50	19.4	ug/kg
11104-28-2	Aroclor-1221	4.60	U	4.60	19.4	ug/kg
11141-16-5	Aroclor-1232	4.20	U	4.20	19.4	ug/kg
53469-21-9	Aroclor-1242	4.60	U	4.60	19.4	ug/kg
12672-29-6	Aroclor-1248	6.70	U	6.70	19.4	ug/kg
11097-69-1	Aroclor-1254	3.70	U	3.70	19.4	ug/kg
37324-23-5	Aroclor-1262	5.70	U	5.70	19.4	ug/kg
11100-14-4	Aroclor-1268	4.10	U	4.10	19.4	ug/kg
11096-82-5	Aroclor-1260	188		3.70	19.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.5		32 - 144	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.1		32 - 175	81%	SPK: 20

Comments:

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LAB CHRONICLE

OrderID:	Q3257	OrderDate:	9/30/2025 2:40:01 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3257-01	ENV1-6FT	SOIL			09/30/25			09/30/25
			Herbicide	8151A		10/01/25	10/02/25	
			PCB	8082A		10/01/25	10/01/25	
			Pesticide-TCL	8081B		10/01/25	10/01/25	
			EPH	NJEPH		10/02/25	10/02/25	
Q3257-02	ENV2-6FT	SOIL			09/29/25			09/30/25
			Herbicide	8151A		10/01/25	10/02/25	
			PCB	8082A		10/01/25	10/01/25	
			Pesticide-TCL	8081B		10/01/25	10/01/25	
			EPH	NJEPH		10/02/25	10/02/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q3257

Order ID: Q3257

Client: CDM Smith

Project ID: MWCO CJO WTP Edison 295110

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

Client ID :

Total Concentration: 0.000

A
B
C
D
E
F
G
H



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	84.3
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031924.D	1	10/01/25 09:05	10/02/25 12:04	PB169931

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.20	U	9.20	79.3	ug/Kg
120-36-5	DICHLORPROP	15.1	U	15.1	79.3	ug/Kg
94-75-7	2,4-D	10.7	U	10.7	79.3	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.7	U	10.7	79.3	ug/Kg
93-76-5	2,4,5-T	10.3	U	10.3	79.3	ug/Kg
94-82-6	2,4-DB	28.6	U	28.6	79.3	ug/Kg
88-85-7	DINOSEB	12.8	U	12.8	79.3	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	238		10 - 141	48%	SPK: 500

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	84.7
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031925.D	1	10/01/25 09:05	10/02/25 12:28	PB169931

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	9.10	U	9.10	79.0	ug/Kg
120-36-5	DICHLORPROP	15.1	U	15.1	79.0	ug/Kg
94-75-7	2,4-D	10.7	U	10.7	79.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	10.7	U	10.7	79.0	ug/Kg
93-76-5	2,4,5-T	10.3	U	10.3	79.0	ug/Kg
94-82-6	2,4-DB	28.5	U	28.5	79.0	ug/Kg
88-85-7	DINOSEB	12.7	U	12.7	79.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	420		10 - 141	84%	SPK: 500

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: **Q3257**

Client: **CDM Smith**

Analytical Method: **8151A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PS031667.D	PIBLK-PS031667.D	2,4-DCAA	1	500	445	89		61	136
		2,4-DCAA	2	500	525	105		61	136
I.BLK-PS031912.D	PIBLK-PS031912.D	2,4-DCAA	1	500	468	94		61	136
		2,4-DCAA	2	500	540	108		61	136
PB169931BL	PB169931BL	2,4-DCAA	1	500	426	85		10	141
		2,4-DCAA	2	500	499	100		10	141
PB169931BS	PB169931BS	2,4-DCAA	1	500	561	112		10	141
		2,4-DCAA	2	500	531	106		10	141
I.BLK-PS031917.D	PIBLK-PS031917.D	2,4-DCAA	1	500	461	92		61	136
		2,4-DCAA	2	500	523	105		61	136
I.BLK-PS031920.D	PIBLK-PS031920.D	2,4-DCAA	1	500	440	88		61	136
		2,4-DCAA	2	500	512	102		61	136
Q3257-01	ENV1-6FT	2,4-DCAA	1	500	214	43		10	141
		2,4-DCAA	2	500	238	48		10	141
Q3257-02	ENV2-6FT	2,4-DCAA	1	500	420	84		10	141
		2,4-DCAA	2	500	365	73		10	141
I.BLK-PS031928.D	PIBLK-PS031928.D	2,4-DCAA	1	500	464	93		61	136
		2,4-DCAA	2	500	537	107		61	136
I.BLK-PS031940.D	PIBLK-PS031940.D	2,4-DCAA	1	500	460	92		61	136
		2,4-DCAA	2	500	530	106		61	136
Q3257-02MS	ENV2-6FTMS	2,4-DCAA	1	500	445	89		10	141
		2,4-DCAA	2	500	432	86		10	141
Q3257-02MSD	ENV2-6FTMSD	2,4-DCAA	1	500	443	89		10	141
		2,4-DCAA	2	500	427	85		10	141
I.BLK-PS031944.D	PIBLK-PS031944.D	2,4-DCAA	1	500	478	96		61	136
		2,4-DCAA	2	500	544	109		61	136

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3257</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS031942.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits		RPD
			Result	Result			Qual	RPD	Qual	Low	High		
Lab Sample ID:	Q3257-02MS (Column 1)	Client Sample ID:		ENV2-6FTMS									
	DICAMBA	196.6	0	61.6	ug/Kg	31					10	112	
	DICHLORPROP	196.6	0	88.2	ug/Kg	45					10	113	
	2,4-D	196.6	0	56.3	ug/Kg	29					10	144	
	2,4,5-TP(Silvex)	196.6	0	69.6	ug/Kg	35					10	114	
	2,4,5-T	196.6	0	62.2	ug/Kg	32					10	115	
	2,4-DB	196.6	0	67.3	ug/Kg	34					10	140	
	Dinoseb	196.6	0	45.4	ug/Kg	23					10	118	
Lab Sample ID:	Q3257-02MS (Column 2)	Client Sample ID:		ENV2-6FTMS									
	DICAMBA	196.6	0	75.5	ug/Kg	38					10	112	
	DICHLORPROP	196.6	0	78.1	ug/Kg	40					10	113	
	2,4-D	196.6	0	64.0	ug/Kg	33					10	144	
	2,4,5-TP(Silvex)	196.6	0	93.1	ug/Kg	47					10	114	
	2,4,5-T	196.6	0	72.6	ug/Kg	37					10	115	
	2,4-DB	196.6	0	54.5	ug/Kg	28					10	140	
	Dinoseb	196.6	0	61.1	ug/Kg	31					10	118	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3257</u>	Analytical Method:	<u>8151A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PS031943.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec	RPD		Limits		
			Qual	RPD			Qual	Low	High	RPD		
Lab Sample ID:	Q3257-02MSD	Client Sample ID:		ENV2-6FTMSD								
	(Column 1)											
	DICAMBA	196.5	0	61.4	ug/Kg	31		0		10	112	20
	DICHLORPROP	196.5	0	84.8	ug/Kg	43		5		10	113	20
	2,4-D	196.5	0	62.1	ug/Kg	32		10		10	144	20
	2,4,5-TP(Silvex)	196.5	0	69.6	ug/Kg	35		0		10	114	20
	2,4,5-T	196.5	0	63.8	ug/Kg	32		0		10	115	20
	2,4-DB	196.5	0	61.4	ug/Kg	31		9		10	140	20
	Dinoseb	196.5	0	44.1	ug/Kg	22		4		10	118	20
Lab Sample ID:	Q3257-02MSD	Client Sample ID:		ENV2-6FTMSD								
	(Column 2)											
	DICAMBA	196.5	0	75.0	ug/Kg	38		0		10	112	20
	DICHLORPROP	196.5	0	78.1	ug/Kg	40		0		10	113	20
	2,4-D	196.5	0	72.3	ug/Kg	37		11		10	144	20
	2,4,5-TP(Silvex)	196.5	0	93.3	ug/Kg	47		0		10	114	20
	2,4,5-T	196.5	0	72.4	ug/Kg	37		0		10	115	20
	2,4-DB	196.5	0	52.9	ug/Kg	27		4		10	140	20
	Dinoseb	196.5	0	57.2	ug/Kg	29		7		10	118	20

**SW-846**

Datafile : PS031916.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits	
								Qual	Low	High
PB169931BS (Column 1)	DICAMBA	166.6	172	ug/Kg	103				72	129
	DICHLORPROP	166.6	175	ug/Kg	105				77	135
	2,4-D	166.6	197	ug/Kg	118				65	144
	2,4,5-TP(Silvex)	166.6	180	ug/Kg	108				74	146
	2,4,5-T	166.6	186	ug/Kg	112				77	134
	2,4-DB	166.6	179	ug/Kg	107				72	122
	Dinoseb	166.6	189	ug/Kg	113				74	132
PB169931BS (Column 2)	DICAMBA	166.6	168	ug/Kg	101				72	129
	DICHLORPROP	166.6	178	ug/Kg	107				77	135
	2,4-D	166.6	167	ug/Kg	100				65	144
	2,4,5-TP(Silvex)	166.6	173	ug/Kg	104				74	146
	2,4,5-T	166.6	167	ug/Kg	100				77	134
	2,4-DB	166.6	149	ug/Kg	89				72	122
	Dinoseb	166.6	187	ug/Kg	112				74	132

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169931BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: PB169931BL

Lab File ID: PS031915.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/01/2025

Date Analyzed (1): 10/01/2025

Date Analyzed (2): 10/01/2025

Time Analyzed (1): 16:56

Time Analyzed (2): 16:56

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column (1): RTX-CLP ID: 0.32 (mm)

GC Column (2): RTX-CLP2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB169931BS	PB169931BS	PS031916.D	10/01/2025	10/01/2025
ENV1-6FT	Q3257-01	PS031924.D	10/02/2025	10/02/2025
ENV2-6FT	Q3257-02	PS031925.D	10/02/2025	10/02/2025
ENV2-6FTMS	Q3257-02MS	PS031942.D	10/03/2025	10/03/2025
ENV2-6FTMSD	Q3257-02MSD	PS031943.D	10/03/2025	10/03/2025

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	MWCO CJO WTP Edison 295110		Date Received:		
Client Sample ID:	PB169931BL		SDG No.:	Q3257	
Lab Sample ID:	PB169931BL		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	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
PS031915.D	1	10/01/25 09:05	10/01/25 16:56	PB169931

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	7.70	U	7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	12.8	U	12.8	67.0	ug/Kg
94-75-7	2,4-D	9.00	U	9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	9.10	U	9.10	67.0	ug/Kg
93-76-5	2,4,5-T	8.70	U	8.70	67.0	ug/Kg
94-82-6	2,4-DB	24.2	U	24.2	67.0	ug/Kg
88-85-7	DINOSEB	10.8	U	10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	499		10 - 141	100%	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:	CDM Smith	Date Collected:	09/09/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/09/25
Client Sample ID:	PIBLK-PS031667.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031667.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031667.D	1		09/09/25	Ps090925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	525		61 - 136	105%	SPK: 500

Comments:

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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:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PS031912.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031912.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031912.D	1		10/01/25	Ps100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	540		61 - 136	108%	SPK: 500

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	PIBLK-PS031917.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031917.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031917.D	1		10/01/25	PS100125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	523		61 - 136	105%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

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LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PS031920.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031920.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031920.D	1		10/02/25	PS100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	512		61 - 136	102%	SPK: 500

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/02/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/02/25
Client Sample ID:	PIBLK-PS031928.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031928.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031928.D	1		10/02/25	PS100225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	537		61 - 136	107%	SPK: 500

Comments:

U = Not Detected

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	PIBLK-PS031940.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031940.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031940.D	1		10/03/25	ps100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	530		61 - 136	106%	SPK: 500

Comments:

U = Not Detected

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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:	CDM Smith	Date Collected:	10/03/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/03/25
Client Sample ID:	PIBLK-PS031944.D	SDG No.:	Q3257
Lab Sample ID:	I.BLK-PS031944.D	Matrix:	WATER
Analytical Method:	8151A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	SW3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031944.D	1		10/03/25	ps100325

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.65	U	0.65	2.00	ug/L
120-36-5	DICHLORPROP	0.76	U	0.76	2.00	ug/L
94-75-7	2,4-D	0.92	U	0.92	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.78	U	0.78	2.00	ug/L
93-76-5	2,4,5-T	0.71	U	0.71	2.00	ug/L
94-82-6	2,4-DB	0.65	U	0.65	2.00	ug/L
88-85-7	DINOSEB	0.89	U	0.89	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	544		61 - 136	109%	SPK: 500

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	CDM Smith		Date Collected:		
Project:	MWCO CJO WTP Edison 295110		Date Received:		
Client Sample ID:	PB169931BS		SDG No.:	Q3257	
Lab Sample ID:	PB169931BS		Matrix:	SOIL	
Analytical Method:	8151A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	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
PS031916.D	1	10/01/25 09:05	10/01/25 17:20	PB169931

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	172		7.70	67.0	ug/Kg
120-36-5	DICHLORPROP	178		12.8	67.0	ug/Kg
94-75-7	2,4-D	197		9.00	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	180		9.10	67.0	ug/Kg
93-76-5	2,4,5-T	186		8.70	67.0	ug/Kg
94-82-6	2,4-DB	179		24.2	67.0	ug/Kg
88-85-7	DINOSEB	189		10.8	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	561		10 - 141	112%	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:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMS	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MS	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	84.7
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	PH :	
Prep Method :	8151A	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031942.D	1	10/01/25 09:05	10/03/25 12:25	PB169931

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	75.5	J	9.10	79.1	ug/Kg
120-36-5	DICHLORPROP	88.2		15.1	79.1	ug/Kg
94-75-7	2,4-D	64.0	J	10.7	79.1	ug/Kg
93-72-1	2,4,5-TP (Silvex)	93.1		10.7	79.1	ug/Kg
93-76-5	2,4,5-T	72.6	J	10.3	79.1	ug/Kg
94-82-6	2,4-DB	67.3	J	28.6	79.1	ug/Kg
88-85-7	DINOSEB	61.1	J	12.7	79.1	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	445		10 - 141	89%	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:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FTMSD	SDG No.:	Q3257
Lab Sample ID:	Q3257-02MSD	Matrix:	SOIL
Analytical Method:	8151A	% Solid:	84.7
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Herbicide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	8151A		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS031943.D	1	10/01/25 09:05	10/03/25 13:16	PB169931

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	75.0	J	9.10	79.0	ug/Kg
120-36-5	DICHLORPROP	84.8		15.1	79.0	ug/Kg
94-75-7	2,4-D	72.3	J	10.7	79.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	93.3		10.7	79.0	ug/Kg
93-76-5	2,4,5-T	72.4	J	10.3	79.0	ug/Kg
94-82-6	2,4-DB	61.4	J	28.5	79.0	ug/Kg
88-85-7	DINOSEB	57.2	J	12.7	79.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	443		10 - 141	89%	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



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3257</u>
Instrument ID:	<u>ECD_S</u>	Calibration Date(s):	<u>09/09/2025</u> <u>09/09/2025</u>
		Calibration Times:	<u>11:32</u> <u>13:08</u>

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID:	RT 200 = <u>PS031668.D</u>	RT 500 = <u>PS031669.D</u>
RT 750 = <u>PS031670.D</u>	RT 1000 = <u>PS031671.D</u>	RT 1500 = <u>PS031672.D</u>

COMPOUND	RT 200	RT 500	RT 750	RT 1000	RT 1500	MEAN RT	RT WINDOW	
							FROM	TO
2,4,5-T	9.59	9.59	9.58	9.58	9.58	9.58	9.48	9.68
2,4,5-TP(Silvex)	9.29	9.29	9.29	9.29	9.29	9.29	9.19	9.39
2,4-D	8.42	8.42	8.41	8.41	8.41	8.42	8.32	8.52
2,4-DB	10.17	10.16	10.16	10.16	10.15	10.16	10.06	10.26
2,4-DCAA	7.29	7.29	7.29	7.29	7.28	7.29	7.19	7.39
DICAMBA	7.47	7.47	7.47	7.47	7.47	7.47	7.37	7.57
DICHLORPROP	8.18	8.18	8.18	8.18	8.18	8.18	8.08	8.28
Dinoseb	11.36	11.36	11.35	11.35	11.35	11.35	11.25	11.45

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: **CAMP02**

Lab Code: ACE

SDG NO.: Q3257

Instrument ID: ECD_S

Calibration Date(s): **09/09/2025** **09/09/2025**

Calibration Times: **11:32** **13:08**

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID:	RT 200 =	<u>PS031668.D</u>	RT 500 =	<u>PS031669.D</u>
	RT 750 =	PS031670.D	RT 1000 =	PS031671.D
			RT 1500 =	PS031672.D

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: CAMP02
SDG NO.: Q3257

Calibration Date(s): 09/09/2025 09/09/2025
Calibration Times: 11:32 13:08

GC Column: RTX-CLP ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS031668.D</u>	CF 500 =	<u>PS031669.D</u>		
CF 750 =		<u>PS031670.D</u>	CF 1000 =	<u>PS031671.D</u>	CF 1500 =	<u>PS031672.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	18734000000	18653300000	18251400000	18101700000	17750400000	18298200000	2
2,4,5-TP(Silvex)	23314400000	21668300000	20672900000	19997800000	19215100000	20973700000	8
2,4-D	3623310000	3886470000	3301510000	3166900000	3150010000	3425640000	9
2,4-DB	2215860000	2277540000	2345860000	2369030000	2455540000	2332770000	4
2,4-DCAA	3985360000	3774560000	3531130000	3388800000	3327800000	3601530000	8
DICAMBA	16633500000	16133000000	15486500000	15011700000	14718800000	15596700000	5
DICHLORPROP	4107570000	3655200000	3455830000	3338320000	3251900000	3561760000	10
Dinoseb	16371900000	14378500000	14193200000	13808700000	13361200000	14422700000	8

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_S

Contract: CAMP02
SDG NO.: Q3257

Calibration Date(s): 09/09/2025 09/09/2025
Calibration Times: 11:32 13:08

GC Column: RTX-CLP2 ID: 0.32 (mm)

LAB FILE ID:		CF 200 =	<u>PS031668.D</u>	CF 500 =	<u>PS031669.D</u>		
CF 750 =		<u>PS031670.D</u>	CF 1000 =	<u>PS031671.D</u>	CF 1500 =	<u>PS031672.D</u>	
COMPOUND	CF 200	CF 500	CF 750	CF 1000	CF 1500	CF	% RSD
2,4,5-T	14154100000	13509200000	13386200000	13315900000	12919700000	13457000000	3
2,4,5-TP(Silvex)	16378200000	15425200000	14913400000	14552800000	14002000000	15054300000	6
2,4-D	1798080000	1663870000	1619090000	1589690000	1554820000	1645110000	6
2,4-DB	1289240000	1029100000	1017980000	1016850000	997058000	1070040000	12
2,4-DCAA	975058000	912799000	892983000	889945000	873713000	908899000	4
DICAMBA	6906160000	6561550000	6431490000	6357940000	6277100000	6506850000	4
DICHLORPROP	1500950000	1530980000	1472190000	1385470000	1385720000	1455060000	5
Dinoseb	10286300000	9393960000	9690760000	9609050000	9623390000	9720680000	3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 13:53

Initial Calibration Time(s): 11:32

13:08

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.35	11.35	11.25	11.45	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/09/2025 09/09/2025

Continuing Calib Time: 13:53

Initial Calibration Time(s): 11:32 13:08

GC Column: RTX-CLP2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.01
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.65	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/01/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031913.D **Time Analyzed:** 13:53

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	9.577	9.483	9.683	728.780	712.500	2.3
2,4,5-TP(Silvex)	9.280	9.185	9.385	695.950	712.500	-2.3
2,4-D	8.409	8.314	8.514	740.720	705.000	5.1
2,4-DB	10.154	10.058	10.258	723.760	712.500	1.6
2,4-DCAA	7.281	7.185	7.385	720.030	750.000	-4.0
DICAMBA	7.464	7.369	7.569	674.850	705.000	-4.3
DICHLORPROP	8.172	8.077	8.277	675.310	705.000	-4.2
Dinoseb	11.348	11.254	11.454	728.050	705.000	3.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/01/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031913.D **Time Analyzed:** 13:53

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.318	10.221	10.421	673.380	712.500	-5.5
2,4,5-TP(Silvex)	9.888	9.793	9.993	682.090	712.500	-4.3
2,4-D	8.998	8.900	9.100	660.740	705.000	-6.3
2,4-DB	10.885	10.790	10.990	620.090	712.500	-13.0
2,4-DCAA	7.740	7.643	7.843	704.240	750.000	-6.1
DICAMBA	7.935	7.839	8.039	669.390	705.000	-5.1
DICHLORPROP	8.654	8.559	8.759	693.190	705.000	-1.7
Dinoseb	11.261	11.166	11.366	736.440	705.000	4.5

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/09/2025 09/09/2025

Continuing Calib Time: 18:09

Initial Calibration Time(s): 11:32 13:08

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.35	11.35	11.25	11.45	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/01/2025

Initial Calibration Date(s): 09/09/2025 09/09/2025

Continuing Calib Time: 18:09

Initial Calibration Time(s): 11:32 13:08

GC Column: RTX-CLP2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.00
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/01/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031918.D **Time Analyzed:** 18:09

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.576	9.483	9.683	732.220	712.500	2.8
2,4,5-TP(Silvex)	9.280	9.185	9.385	699.540	712.500	-1.8
2,4-D	8.410	8.314	8.514	756.810	705.000	7.3
2,4-DB	10.154	10.058	10.258	705.490	712.500	-1.0
2,4-DCAA	7.281	7.185	7.385	719.030	750.000	-4.1
DICAMBA	7.464	7.369	7.569	674.040	705.000	-4.4
DICHLORPROP	8.172	8.077	8.277	677.680	705.000	-3.9
Dinoseb	11.348	11.254	11.454	732.710	705.000	3.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/01/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031918.D **Time Analyzed:** 18:09

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	10.319	10.221	10.421	676.120	712.500	-5.1
2,4,5-TP(Silvex)	9.890	9.793	9.993	682.000	712.500	-4.3
2,4-D	8.999	8.900	9.100	662.770	705.000	-6.0
2,4-DB	10.888	10.790	10.990	614.570	712.500	-13.7
2,4-DCAA	7.742	7.643	7.843	709.240	750.000	-5.4
DICAMBA	7.937	7.839	8.039	669.700	705.000	-5.0
DICHLORPROP	8.656	8.559	8.759	665.770	705.000	-5.6
Dinoseb	11.263	11.166	11.366	735.800	705.000	4.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/02/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 10:52

Initial Calibration Time(s): 11:32

13:08

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.34	11.35	11.25	11.45	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/02/2025

Initial Calibration Date(s): 09/09/2025 09/09/2025

Continuing Calib Time: 10:52

Initial Calibration Time(s): 11:32 13:08

GC Column: RTX-CLP2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.93	7.94	7.84	8.04	0.01
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.65	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/02/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031921.D **Time Analyzed:** 10:52

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.576	9.483	9.683	704.360	712.500	-1.1
2,4,5-TP(Silvex)	9.278	9.185	9.385	688.610	712.500	-3.4
2,4-D	8.409	8.314	8.514	722.160	705.000	2.4
2,4-DB	10.152	10.058	10.258	657.830	712.500	-7.7
2,4-DCAA	7.280	7.185	7.385	683.620	750.000	-8.9
DICAMBA	7.462	7.369	7.569	666.500	705.000	-5.5
DICHLORPROP	8.171	8.077	8.277	664.430	705.000	-5.8
Dinoseb	11.344	11.254	11.454	738.320	705.000	4.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/02/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031921.D **Time Analyzed:** 10:52

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.317	10.221	10.421	653.360	712.500	-8.3
2,4,5-TP(Silvex)	9.887	9.793	9.993	676.510	712.500	-5.1
2,4-D	8.998	8.900	9.100	642.250	705.000	-8.9
2,4-DB	10.886	10.790	10.990	581.470	712.500	-18.4
2,4-DCAA	7.740	7.643	7.843	689.290	750.000	-8.1
DICAMBA	7.934	7.839	8.039	665.950	705.000	-5.5
DICHLORPROP	8.654	8.559	8.759	685.790	705.000	-2.7
Dinoseb	11.259	11.166	11.366	753.790	705.000	6.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/02/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 14:05

Initial Calibration Time(s): 11:32

13:08

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.01
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.34	11.35	11.25	11.45	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/02/2025

Initial Calibration Date(s): 09/09/2025 09/09/2025

Continuing Calib Time: 14:05

Initial Calibration Time(s): 11:32 13:08

GC Column: RTX-CLP2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.01
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.65	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/02/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031929.D **Time Analyzed:** 14:05

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.575	9.483	9.683	730.650	712.500	2.5
2,4,5-TP(Silvex)	9.278	9.185	9.385	694.880	712.500	-2.5
2,4-D	8.407	8.314	8.514	757.520	705.000	7.4
2,4-DB	10.150	10.058	10.258	748.890	712.500	5.1
2,4-DCAA	7.280	7.185	7.385	719.200	750.000	-4.1
DICAMBA	7.463	7.369	7.569	669.340	705.000	-5.1
DICHLORPROP	8.170	8.077	8.277	673.650	705.000	-4.4
Dinoseb	11.344	11.254	11.454	735.350	705.000	4.3

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/02/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031929.D **Time Analyzed:** 14:05

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.317	10.221	10.421	692.950	712.500	-2.7
2,4,5-TP(Silvex)	9.888	9.793	9.993	693.210	712.500	-2.7
2,4-D	8.996	8.900	9.100	678.040	705.000	-3.8
2,4-DB	10.885	10.790	10.990	590.960	712.500	-17.1
2,4-DCAA	7.739	7.643	7.843	726.000	750.000	-3.2
DICAMBA	7.935	7.839	8.039	682.080	705.000	-3.3
DICHLORPROP	8.654	8.559	8.759	679.370	705.000	-3.6
Dinoseb	11.259	11.166	11.366	759.620	705.000	7.7

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/03/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 09:58

Initial Calibration Time(s): 11:32

13:08

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.35	11.35	11.25	11.45	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/03/2025

Initial Calibration Date(s): 09/09/2025 09/09/2025

Continuing Calib Time: 09:58

Initial Calibration Time(s): 11:32 13:08

GC Column: RTX-CLP2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/03/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031941.D **Time Analyzed:** 09:58

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.578	9.483	9.683	734.040	712.500	3.0
2,4,5-TP(Silvex)	9.279	9.185	9.385	711.950	712.500	-0.1
2,4-D	8.410	8.314	8.514	674.060	705.000	-4.4
2,4-DB	10.153	10.058	10.258	573.360	712.500	-19.5
2,4-DCAA	7.281	7.185	7.385	733.770	750.000	-2.2
DICAMBA	7.463	7.369	7.569	692.490	705.000	-1.8
DICHLORPROP	8.171	8.077	8.277	689.420	705.000	-2.2
Dinoseb	11.346	11.254	11.454	757.370	705.000	7.4

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/03/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031941.D **Time Analyzed:** 09:58

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.318	10.221	10.421	680.880	712.500	-4.4
2,4,5-TP(Silvex)	9.888	9.793	9.993	706.290	712.500	-0.9
2,4-D	8.999	8.900	9.100	666.300	705.000	-5.5
2,4-DB	10.887	10.790	10.990	580.670	712.500	-18.5
2,4-DCAA	7.741	7.643	7.843	719.490	750.000	-4.1
DICAMBA	7.936	7.839	8.039	696.580	705.000	-1.2
DICHLORPROP	8.655	8.559	8.759	713.700	705.000	1.2
Dinoseb	11.260	11.166	11.366	774.510	705.000	9.9

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/03/2025

Initial Calibration Date(s): 09/09/2025

09/09/2025

Continuing Calib Time: 14:04

Initial Calibration Time(s): 11:32

13:08

GC Column: RTX-CLP ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.46	7.47	7.37	7.57	0.01
2,4-DCAA	7.28	7.29	7.19	7.39	0.01
DICHLORPROP	8.17	8.18	8.08	8.28	0.01
2,4-D	8.41	8.41	8.31	8.51	0.00
2,4,5-TP(Silvex)	9.28	9.29	9.19	9.39	0.01
2,4,5-T	9.58	9.58	9.48	9.68	0.00
2,4-DB	10.15	10.16	10.06	10.26	0.01
Dinoseb	11.35	11.35	11.25	11.45	0.00

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Continuing Calib Date: 10/03/2025

Initial Calibration Date(s): 09/09/2025 09/09/2025

Continuing Calib Time: 14:04

Initial Calibration Time(s): 11:32 13:08

GC Column: RTX-CLP2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
DICAMBA	7.94	7.94	7.84	8.04	0.00
2,4-DCAA	7.74	7.74	7.64	7.84	0.00
DICHLORPROP	8.66	8.66	8.56	8.76	0.01
2,4-D	9.00	9.00	8.90	9.10	0.00
2,4,5-TP(Silvex)	9.89	9.89	9.79	9.99	0.00
2,4,5-T	10.32	10.32	10.22	10.42	0.00
2,4-DB	10.89	10.89	10.79	10.99	0.00
Dinoseb	11.26	11.27	11.17	11.37	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/03/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031945.D **Time Analyzed:** 14:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
2,4,5-T	9.577	9.483	9.683	760.220	712.500	6.7
2,4,5-TP(Silvex)	9.279	9.185	9.385	723.390	712.500	1.5
2,4-D	8.409	8.314	8.514	692.220	705.000	-1.8
2,4-DB	10.151	10.058	10.258	679.770	712.500	-4.6
2,4-DCAA	7.281	7.185	7.385	748.450	750.000	-0.2
DICAMBA	7.464	7.369	7.569	702.070	705.000	-0.4
DICHLORPROP	8.172	8.077	8.277	701.870	705.000	-0.4
Dinoseb	11.346	11.254	11.454	782.960	705.000	11.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q3257
GC Column: RTX-CLP2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/09/2025 09/09/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/03/2025
Lab Sample No.: HSTDCCC750 **Data File :** PS031945.D **Time Analyzed:** 14:04

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
2,4,5-T	10.318	10.221	10.421	706.990	712.500	-0.8
2,4,5-TP(Silvex)	9.889	9.793	9.993	719.650	712.500	1.0
2,4-D	8.999	8.900	9.100	694.570	705.000	-1.5
2,4-DB	10.886	10.790	10.990	634.370	712.500	-11.0
2,4-DCAA	7.741	7.643	7.843	742.930	750.000	-0.9
DICAMBA	7.936	7.839	8.039	709.290	705.000	0.6
DICHLORPROP	8.655	8.559	8.759	729.060	705.000	3.4
Dinoseb	11.260	11.166	11.366	804.060	705.000	14.1

Analytical Sequence

Client: CDM Smith	SDG No.: Q3257
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_S
GC Column: RTX-CLP	ID: 0.32 (mm) Inst. Calib. Date(s): 09/09/2025 09/09/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	09/09/2025	11:08	PS031667.D	7.29	0.00
HSTDICC200	HSTDICC200	09/09/2025	11:32	PS031668.D	7.29	0.00
HSTDICC500	HSTDICC500	09/09/2025	11:56	PS031669.D	7.29	0.00
HSTDICC750	HSTDICC750	09/09/2025	12:20	PS031670.D	7.29	0.00
HSTDICC1000	HSTDICC1000	09/09/2025	12:44	PS031671.D	7.29	0.00
HSTDICC1500	HSTDICC1500	09/09/2025	13:08	PS031672.D	7.28	0.00
IBLK	IBLK	10/01/2025	13:29	PS031912.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/01/2025	13:53	PS031913.D	7.28	0.00
PB169931BL	PB169931BL	10/01/2025	16:56	PS031915.D	7.28	0.00
PB169931BS	PB169931BS	10/01/2025	17:20	PS031916.D	7.28	0.00
IBLK	IBLK	10/01/2025	17:45	PS031917.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/01/2025	18:09	PS031918.D	7.28	0.00
IBLK	IBLK	10/02/2025	10:28	PS031920.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/02/2025	10:52	PS031921.D	7.28	0.00
ENV1-6FT	Q3257-01	10/02/2025	12:04	PS031924.D	7.28	0.00
ENV2-6FT	Q3257-02	10/02/2025	12:28	PS031925.D	7.28	0.00
IBLK	IBLK	10/02/2025	13:41	PS031928.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/02/2025	14:05	PS031929.D	7.28	0.00
IBLK	IBLK	10/03/2025	09:34	PS031940.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/03/2025	09:58	PS031941.D	7.28	0.00
ENV2-6FTMS	Q3257-02MS	10/03/2025	12:25	PS031942.D	7.28	0.00
ENV2-6FTMSD	Q3257-02MSD	10/03/2025	13:16	PS031943.D	7.28	0.00
IBLK	IBLK	10/03/2025	13:40	PS031944.D	7.28	0.00
HSTDCCC750	HSTDCCC750	10/03/2025	14:04	PS031945.D	7.28	0.00

Analytical Sequence

Client: CDM Smith	SDG No.: Q3257
Project: MWCO CJO WTP Edison 295110	Instrument ID: ECD_S
GC Column: RTX-CLP2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/09/2025 09/09/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCAA RT #	RT #
IBLK	IBLK	09/09/2025	11:08	PS031667.D	7.75	0.00
HSTDICC200	HSTDICC200	09/09/2025	11:32	PS031668.D	7.75	0.00
HSTDICC500	HSTDICC500	09/09/2025	11:56	PS031669.D	7.74	0.00
HSTDICC750	HSTDICC750	09/09/2025	12:20	PS031670.D	7.74	0.00
HSTDICC1000	HSTDICC1000	09/09/2025	12:44	PS031671.D	7.74	0.00
HSTDICC1500	HSTDICC1500	09/09/2025	13:08	PS031672.D	7.74	0.00
IBLK	IBLK	10/01/2025	13:29	PS031912.D	7.74	0.00
HSTDCCC750	HSTDCCC750	10/01/2025	13:53	PS031913.D	7.74	0.00
PB169931BL	PB169931BL	10/01/2025	16:56	PS031915.D	7.74	0.00
PB169931BS	PB169931BS	10/01/2025	17:20	PS031916.D	7.74	0.00
IBLK	IBLK	10/01/2025	17:45	PS031917.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/01/2025	18:09	PS031918.D	7.74	0.00
IBLK	IBLK	10/02/2025	10:28	PS031920.D	7.74	0.00
HSTDCCC750	HSTDCCC750	10/02/2025	10:52	PS031921.D	7.74	0.00
ENV1-6FT	Q3257-01	10/02/2025	12:04	PS031924.D	7.74	0.00
ENV2-6FT	Q3257-02	10/02/2025	12:28	PS031925.D	7.74	0.00
IBLK	IBLK	10/02/2025	13:41	PS031928.D	7.74	0.00
HSTDCCC750	HSTDCCC750	10/02/2025	14:05	PS031929.D	7.74	0.00
IBLK	IBLK	10/03/2025	09:34	PS031940.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/03/2025	09:58	PS031941.D	7.74	0.00
ENV2-6FTMS	Q3257-02MS	10/03/2025	12:25	PS031942.D	7.73	0.00
ENV2-6FTMSD	Q3257-02MSD	10/03/2025	13:16	PS031943.D	7.73	0.00
IBLK	IBLK	10/03/2025	13:40	PS031944.D	7.75	0.00
HSTDCCC750	HSTDCCC750	10/03/2025	14:04	PS031945.D	7.74	0.00

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: Q3257-02MS

Date(s) Analyzed: 10/03/2025 10/03/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
DICHLORPROP	1	8.17	8.12	8.22	88.2	12.1
	2	8.65	8.60	8.70	78.1	
2,4-D	1	8.42	8.37	8.47	56.3	12.8
	2	8.99	8.94	9.04	64.0	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	69.6	28.9
	2	9.89	9.84	9.94	93.1	
2,4,5-T	1	9.58	9.53	9.63	62.2	15.4
	2	10.32	10.27	10.37	72.6	
2,4-DB	1	10.16	10.11	10.21	67.3	21
	2	10.89	10.84	10.94	54.5	
Dinoseb	1	11.35	11.30	11.40	45.4	29.5
	2	11.26	11.21	11.31	61.1	
DICAMBA	1	7.46	7.41	7.51	61.6	20.3
	2	7.93	7.88	7.98	75.5	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

ENV2-6FTMSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: Q3257-02MSD

Date(s) Analyzed: 10/03/2025 10/03/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
DICAMBA	1	7.46	7.41	7.51	61.4	19.9
	2	7.93	7.88	7.98	75.0	
DICHLORPROP	1	8.17	8.12	8.22	84.8	8.2
	2	8.65	8.60	8.70	78.1	
2,4-D	1	8.42	8.37	8.47	62.1	15.2
	2	9.00	8.95	9.05	72.3	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	69.6	29.1
	2	9.89	9.84	9.94	93.3	
2,4,5-T	1	9.58	9.53	9.63	63.8	12.6
	2	10.32	10.27	10.37	72.4	
2,4-DB	1	10.16	10.11	10.21	61.4	14.9
	2	10.89	10.84	10.94	52.9	
Dinoseb	1	11.35	11.30	11.40	44.1	25.9
	2	11.26	11.21	11.31	57.2	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB169931BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Lab Sample ID: PB169931BS

Date(s) Analyzed: 10/01/2025 10/01/2025

Instrument ID (1): ECD_S

Instrument ID (2): ECD_S

GC Column: (1): RTX-CLP

ID: 0.32 (mm)

GC Column:(2): RTX-CLP2

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
2,4,5-T	1	9.58	9.53	9.63	186	10.8
	2	10.32	10.27	10.37	167	
2,4,5-TP(Silvex)	1	9.28	9.23	9.33	180	4
	2	9.89	9.84	9.94	173	
2,4-D	1	8.41	8.36	8.46	197	16.5
	2	9.00	8.95	9.05	167	
2,4-DB	1	10.16	10.11	10.21	179	18.3
	2	10.89	10.84	10.94	149	
DICHLORPROP	1	8.17	8.12	8.22	175	1.7
	2	8.66	8.61	8.71	178	
Dinoseb	1	11.35	11.30	11.40	189	1.1
	2	11.26	11.21	11.31	187	
DICAMBA	1	7.47	7.42	7.52	172	2.4
	2	7.94	7.89	7.99	168	

LAB CHRONICLE

OrderID:	Q3257	OrderDate:	9/30/2025 2:40:01 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3257-01	ENV1-6FT	SOIL			09/30/25			09/30/25
			PCB	8082A		10/01/25	10/01/25	
			Pesticide-TCL	8081B		10/01/25	10/01/25	
			EPH	NJEPH		10/02/25	10/02/25	
Q3257-02	ENV2-6FT	SOIL			09/29/25			09/30/25
			PCB	8082A		10/01/25	10/01/25	
			Pesticide-TCL	8081B		10/01/25	10/01/25	
			EPH	NJEPH		10/02/25	10/02/25	



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.3
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
10/02/25 09:05	10/02/25 19:05	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.31	J	1	0.17	1.19	mg/kg	FE056155.D
Aliphatic C12-C16	Aliphatic C12-C16	0.44	J	1	0.13	0.79	mg/kg	FE056155.D
Aliphatic C16-C21	Aliphatic C16-C21	0.43	J	1	0.15	1.19	mg/kg	FE056155.D
Aliphatic C21-C28	Aliphatic C21-C28	0.63	U	1	0.63	1.58	mg/kg	FE056155.D
Aliphatic C28-C40	Aliphatic C28-C40	7.26		1	1.40	2.37	mg/kg	FE056155.D
Aromatic C10-C12	Aromatic C10-C12	0.21	J	1	0.14	0.79	mg/kg	FD049806.D
Aromatic C12-C16	Aromatic C12-C16	4.95		1	0.27	1.19	mg/kg	FD049806.D
Aromatic C16-C21	Aromatic C16-C21	2.02		1	0.47	1.98	mg/kg	FD049806.D
Aromatic C21-C36	Aromatic C21-C36	2.44	J	1	1.41	3.16	mg/kg	FD049806.D
Total AliphaticEPH	Total AliphaticEPH	8.43			2.48	7.12	mg/kg	
Total AromaticEPH	Total AromaticEPH	9.62			2.30	7.12	mg/kg	
Total EPH	Total EPH	18.1			4.78	14.2	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.3
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
FD049806.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.21	J	0.14	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	4.95		0.27	1.19	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.02		0.47	1.98	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.44	J	1.41	3.16	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	41.1		40 - 140	82%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	41.0		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.6		40 - 140	47%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3257-01	Acq On:	02 Oct 2025 21:02
Client Sample ID:	ENV1-6FT	Operator:	YP/AJ
Data file:	FD049806.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	4.389	6.131	332322	2.706	200	ug/ml
Aromatic C12-C16	6.132	8.759	8971012	62.577	300	ug/ml
Aromatic C16-C21	8.760	13.049	3634581	25.565	500	ug/ml
Aromatic C21-C36	13.050	18.468	3827937	30.915	800	ug/ml
Aromatic EPH	4.389	18.468	16765852	121.763		ug/ml
ortho-Terphenyl (SURR)	11.607	11.607	3519801	23.58		ug/ml
2-Bromonaphthalene (SURR)	7.697	7.697	4886521	41.13		ug/ml
2-Fluorobiphenyl (SURR)	8.561	8.561	3479993	40.99		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.3
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
FE056155.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.31	J	0.17	1.19	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.44	J	0.13	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.43	J	0.15	1.19	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.63	U	0.63	1.58	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.26		1.40	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.5		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3257-01	Acq On:	02 Oct 2025 19:05
Client Sample ID:	ENV1-6FT	Operator:	YP\AJ
Data file:	FE056155.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	542973	3.878	300	ug/ml
Aliphatic C12-C16	6.946	10.395	852070	5.555	200	ug/ml
Aliphatic C16-C21	10.396	13.772	893896	5.389	300	ug/ml
Aliphatic C21-C28	13.773	17.442	774222	5.213	400	ug/ml
Aliphatic C28-C40	17.443	22.448	12524086	91.919	600	ug/ml
Aliphatic EPH	3.311	22.448	15587247	111.953		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	4674012	33.49		ug/ml
Aliphatic C9-C28	3.311	17.442	3063161	20.035	1200	ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 09:05	10/02/25 19:35	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.25	J	1	0.17	1.18	mg/kg	FE056156.D
Aliphatic C12-C16	Aliphatic C12-C16	0.37	J	1	0.13	0.79	mg/kg	FE056156.D
Aliphatic C16-C21	Aliphatic C16-C21	0.33	J	1	0.15	1.18	mg/kg	FE056156.D
Aliphatic C21-C28	Aliphatic C21-C28	0.63	U	1	0.63	1.57	mg/kg	FE056156.D
Aliphatic C28-C40	Aliphatic C28-C40	7.29		1	1.39	2.36	mg/kg	FE056156.D
Aromatic C10-C12	Aromatic C10-C12	0.22	J	1	0.14	0.79	mg/kg	FD049807.D
Aromatic C12-C16	Aromatic C12-C16	0.30	J	1	0.27	1.18	mg/kg	FD049807.D
Aromatic C16-C21	Aromatic C16-C21	1.49	J	1	0.47	1.97	mg/kg	FD049807.D
Aromatic C21-C36	Aromatic C21-C36	1.40	U	1	1.40	3.15	mg/kg	FD049807.D
Total AliphaticEPH	Total AliphaticEPH	8.23			2.46	7.08	mg/kg	
Total AromaticEPH	Total AromaticEPH	2.29	U		2.29	7.09	mg/kg	
Total EPH	Total EPH	10.2	J		4.75	14.2	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049807.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.22	J	0.14	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.30	J	0.27	1.18	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.49	J	0.47	1.97	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.40	U	1.40	3.15	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.6		40 - 140	95%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.6		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.1		40 - 140	42%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3257-02	Acq On:	02 Oct 2025 21:44
Client Sample ID:	ENV2-6FT	Operator:	YP/AJ
Data file:	FD049807.D	Misc:	
Instrument:	FID_D	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.389	6.131	344049	2.802	200	ug/ml
Aromatic C12-C16	6.132	8.759	548015	3.823	300	ug/ml
Aromatic C16-C21	8.760	13.049	2694138	18.95	500	ug/ml
Aromatic C21-C36	13.050	18.468	1565812	12.646	800	ug/ml
Aromatic EPH	4.389	18.468	5152014	38.22		ug/ml
2-Bromonaphthalene (SURR)	7.698	7.698	5656632	47.61		ug/ml
2-Fluorobiphenyl (SURR)	8.563	8.563	4038060	47.56		ug/ml
ortho-Terphenyl (SURR)	11.606	11.606	3155571	21.14		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056156.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.25	J	0.17	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.37	J	0.13	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.33	J	0.15	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.63	U	0.63	1.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.29		1.39	2.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.4		40 - 140	77%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3257-02	Acq On:	02 Oct 2025 19:35
Client Sample ID:	ENV2-6FT	Operator:	YP\AJ
Data file:	FE056156.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	445408	3.181	300	ug/ml
Aliphatic C12-C16	6.946	10.395	710630	4.633	200	ug/ml
Aliphatic C16-C21	10.396	13.772	685101	4.13	300	ug/ml
Aliphatic C21-C28	13.773	17.442	757000	5.097	400	ug/ml
Aliphatic C28-C40	17.443	22.448	12624893	92.658	600	ug/ml
Aliphatic EPH	3.311	22.448	15223032	109.699		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	5357450	38.39		ug/ml
Aliphatic C9-C28	3.311	17.442	2598139	17.041	1200	ug/ml



QC SUMMARY

SOIL EPH SURROGATE RECOVERY

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3257</u>
Run Number:	<u>FD100225AR</u>		

CLIENT SAMPLE NO.	2-Bromonaphthalene (SURR)	2-Flurobiphenyl (SURR)	ortho-Terphenyl (SURR)	TOT OUT
PB169950BL	88	90	99	0
PB169950BS	76	76	86	0
PB169950BSD	75	75	84	0
RCAMS	83	84	52	0
RCAMSD	82	83	52	0
ENV1-6FT	82	82	47	0
ENV2-6FT	95	95	42	0

QC LIMITS

2-Bromonaphthalene (SURR)	(40-140)
2-Flurobiphenyl (SURR)	(40-140)
ortho-Terphenyl (SURR)	(40-140)

Column to be used to flag recovery values
 * Values outside of contract required QC Limits
 D Surrogate diluted out

SOIL EPH SURROGATE RECOVERY

Lab Name: Alliance Contract: CAMP02
Lab Code: ACE SDG No.: Q3257
Run Number: FE100225AL

CLIENT SAMPLE NO.	1-chlorooctadecane (SURR)			TOT OUT
PB169950BL	67			0
PB169950BS	87			0
PB169950BSD	87			0
RCAMS	60			0
RCAMSD	62			0
ENV1-6FT	67			0
ENV2-6FT	77			0

QC LIMITS

1-chlorooctadecane (SURR)

(40-140)

Column to be used to flag recovery values
* Values outside of contract required QC Limits
D Surrogate diluted out

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3257</u>
Sample No :	<u>Q3238-01MS</u>	Datafile:	<u>FD049804.D</u>
		Client ID :	<u>RCAMS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	6.7	0.18	4.17	60		(40-140)
Aromatic C12-C16	10	0.30	8.63	84		(40-140)
Aromatic C16-C21	16.6	1.62	15.0	80		(40-140)
Aromatic C21-C36	26.6	0	22.7	85		(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3257</u>
Sample No :	<u>Q3238-01MSD</u>	Datafile:	<u>FD049805.D</u>
		Client ID :	<u>RCAMSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	6.7	0.18	4.16	60		0.17 (40-140)	50
Aromatic C12-C16	10	0.30	8.60	83		0.48 (40-140)	50
Aromatic C16-C21	16.6	1.62	14.9	80		0.75 (40-140)	50
Aromatic C21-C36	26.6	0	23.0	86		1.28 (40-140)	50

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3257</u>
Sample No :	<u>Q3238-01MS</u>	Datafile:	<u>FE056153.D</u>
		Client ID :	<u>RCAMS</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	10	0.30	4.92	46		(40-140)
Aliphatic C12-C16	6.7	0.45	4.79	65		(40-140)
Aliphatic C16-C21	10	0.32	7.64	73		(40-140)
Aliphatic C21-C28	13.3	0	9.89	74		(40-140)
Aliphatic C28-C40	20.0	6.67	20.8	71		(40-140)

SOLID EPH MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3257</u>
Sample No :	<u>Q3238-01MSD</u>	Datafile:	<u>FE056154.D</u>
		Client ID :	<u>RCAMSD</u>

COMPOUND	SPIKE ADDED mg/kg	SAMPLE CONCENTRATION mg/kg	MS/MSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	10	0.30	4.73	44		4.19 (40-140)	50
Aliphatic C12-C16	6.7	0.45	4.61	62		4.38 (40-140)	50
Aliphatic C16-C21	10	0.32	9.31	90		20 (40-140)	50
Aliphatic C21-C28	13.3	0	9.97	75		0.8 (40-140)	50
Aliphatic C28-C40	20.0	6.67	21.3	73		3.47 (40-140)	50

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3257</u>
Sample No :	<u>PB169950BS</u>	Datafile:	<u>FD049799.D</u>
		Client ID :	<u>PB169950BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aromatic C10-C12	6.7	4.37	66		(40-140)
Aromatic C12-C16	10	7.19	72		(40-140)
Aromatic C16-C21	16.7	14.7	88		(40-140)
Aromatic C21-C36	26.6	24.8	93		(40-140)

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3257</u>
Sample No :	<u>PB169950BSD</u>	Datafile:	<u>FD049800.D</u>
		Client ID :	<u>PB169950BSD</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aromatic C10-C12	6.7	4.33	65		0.896 (40-140)	25
Aromatic C12-C16	10	7.08	71		1.4 (40-140)	25
Aromatic C16-C21	16.7	14.5	87		1.4 (40-140)	25
Aromatic C21-C36	26.6	24.8	93		0.0075 (40-140)	25

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3257</u>
Sample No :	<u>PB169950BS</u>	Datafile:	<u>FE056148.D</u>
		Client ID :	<u>PB169950BS</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	QC LIMITS (%)
Aliphatic C9-C12	10	5.10	51		(40-140)
Aliphatic C12-C16	6.7	4.79	72		(40-140)
Aliphatic C16-C21	10	8.05	81		(40-140)
Aliphatic C21-C28	13.3	10.6	80		(40-140)
Aliphatic C28-C40	20.0	17.9	90		(40-140)

SOLID EPH LABORATORY CONTROL SPIKE/LABORATORY CONTROL SPIKE DUPLICATE RECOVERY

Lab Name:	<u>Alliance</u>	Client:	<u>CDM Smith</u>
Lab Code:	<u>ACE</u>	SDG No:	<u>Q3257</u>
Sample No :	<u>PB169950BSD</u>	Datafile:	<u>FE056149.D</u>
		Client ID :	<u>PB169950BSD</u>

COMPOUND	SPIKE ADDED mg/kg	LCS/LCSD CONCENTRATION mg/kg	% REC	Qual	RPD QC LIMITS (%)	QC Limit Of RPD
Aliphatic C9-C12	10	4.76	48		6.8 (40-140)	25
Aliphatic C12-C16	6.7	4.57	69		4.7 (40-140)	25
Aliphatic C16-C21	10	7.92	79		1.7 (40-140)	25
Aliphatic C21-C28	13.3	10.6	80		0.0257! (40-140)	25
Aliphatic C28-C40	20.0	17.7	89		1.1 (40-140)	25

4B
METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

PB169950BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q3257

Instrument ID: FID_D

Lab Sample ID: PB169950BL

Matrix: (soil/water) Solid

Date Extracted: 10/2/2025 9:05:00 A

Level: (low/med) low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

CLIENT SAMPLE NO.	LAB SAMPLE ID
PB169950BS	PB169950BS
PB169950BSD	PB169950BSD
RCAMS	Q3238-01MS
RCAMSD	Q3238-01MSD
ENV1-6FT	Q3257-01
ENV2-6FT	Q3257-02

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BL	SDG No.:	Q3257
Lab Sample ID:	PB169950BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 09:05	10/02/25 16:33	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.14	U	1	0.14	1.00	mg/kg	FE056150.D
Aliphatic C12-C16	Aliphatic C12-C16	0.11	U	1	0.11	0.67	mg/kg	FE056150.D
Aliphatic C16-C21	Aliphatic C16-C21	0.13	U	1	0.13	1.00	mg/kg	FE056150.D
Aliphatic C21-C28	Aliphatic C21-C28	0.53	U	1	0.53	1.33	mg/kg	FE056150.D
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1	1.18	2.00	mg/kg	FE056150.D
Aromatic C10-C12	Aromatic C10-C12	0.12	U	1	0.12	0.67	mg/kg	FD049801.D
Aromatic C12-C16	Aromatic C12-C16	0.23	U	1	0.23	1.00	mg/kg	FD049801.D
Aromatic C16-C21	Aromatic C16-C21	0.40	U	1	0.40	1.67	mg/kg	FD049801.D
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1	1.19	2.67	mg/kg	FD049801.D
Total AliphaticEPH	Total AliphaticEPH	2.09	U		2.09	6.00	mg/kg	
Total AromaticEPH	Total AromaticEPH	1.94	U		1.94	6.01	mg/kg	
Total EPH	Total EPH	4.03	U		4.03	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BL	SDG No.:	Q3257
Lab Sample ID:	PB169950BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049801.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.12	U	0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.23	U	0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	0.40	U	0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	1.19	U	1.19	2.67	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	44.2		40 - 140	88%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	44.9		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.5		40 - 140	99%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169950BL	Acq On:	02 Oct 2025 17:28
Client Sample ID:	PB169950BL	Operator:	YP/AJ
Data file:	FD049801.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	4.389	6.131	0	0	200	ug/ml
Aromatic C12-C16	6.132	8.759	0	0	300	ug/ml
Aromatic C16-C21	8.760	13.049	0	0	500	ug/ml
Aromatic C21-C36	13.050	18.468	0	0	800	ug/ml
Aromatic EPH	4.389	18.468	0	0		ug/ml
ortho-Terphenyl (SURR)	11.610	11.610	7383441	49.46		ug/ml
2-Bromonaphthalene (SURR)	7.697	7.697	5250030	44.19		ug/ml
2-Fluorobiphenyl (SURR)	8.562	8.562	3808082	44.85		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BL	SDG No.:	Q3257
Lab Sample ID:	PB169950BL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056150.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.14	U	0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.11	U	0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.13	U	0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.53	U	0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.18	U	1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.7		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169950BL	Acq On:	02 Oct 2025 16:33
Client Sample ID:	PB169950BL	Operator:	YP\AJ
Data file:	FE056150.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	0	0	300	ug/ml
Aliphatic C12-C16	6.946	10.395	0	0	200	ug/ml
Aliphatic C16-C21	10.396	13.772	0	0	300	ug/ml
Aliphatic C21-C28	13.773	17.442	0	0	400	ug/ml
Aliphatic C28-C40	17.443	22.448	0	0	600	ug/ml
Aliphatic EPH	3.311	22.448	0	0		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	4709065	33.74		ug/ml
Aliphatic C9-C28	3.311	17.442	0	0	1200	ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BS	SDG No.:	Q3257
Lab Sample ID:	PB169950BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
10/02/25 09:05	10/02/25 15:32	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	5.10		1	0.14	1.00	mg/kg	FE056148.D
Aliphatic C12-C16	Aliphatic C12-C16	4.79		1	0.11	0.67	mg/kg	FE056148.D
Aliphatic C16-C21	Aliphatic C16-C21	8.05		1	0.13	1.00	mg/kg	FE056148.D
Aliphatic C21-C28	Aliphatic C21-C28	10.6		1	0.53	1.33	mg/kg	FE056148.D
Aliphatic C28-C40	Aliphatic C28-C40	17.9		1	1.18	2.00	mg/kg	FE056148.D
Aromatic C10-C12	Aromatic C10-C12	4.37		1	0.12	0.67	mg/kg	FD049799.D
Aromatic C12-C16	Aromatic C12-C16	7.19		1	0.23	1.00	mg/kg	FD049799.D
Aromatic C16-C21	Aromatic C16-C21	14.7		1	0.40	1.67	mg/kg	FD049799.D
Aromatic C21-C36	Aromatic C21-C36	24.8		1	1.19	2.66	mg/kg	FD049799.D
Total AliphaticEPH	Total AliphaticEPH	46.4			2.09	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	51.1			1.94	6.00	mg/kg	
Total EPH	Total EPH	97.5			4.03	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BS	SDG No.:	Q3257
Lab Sample ID:	PB169950BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FD049799.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.37		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.19		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.7		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	24.8		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	38.1		40 - 140	76%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	38.0		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.9		40 - 140	86%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169950BS	Acq On:	02 Oct 2025 16:01
Client Sample ID:	PB169950BS	Operator:	YP/AJ
Data file:	FD049799.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.389	6.131	8045935	65.526	200	ug/ml
Aromatic C12-C16	6.132	8.759	15474304	107.941	300	ug/ml
Aromatic C16-C21	8.760	13.049	31275271	219.983	500	ug/ml
Aromatic C21-C36	13.050	18.468	46046516	371.877	800	ug/ml
Aromatic EPH	4.389	18.468	100842026	765.327		ug/ml
ortho-Terphenyl (SURR)	11.609	11.609	6400876	42.88		ug/ml
2-Bromonaphthalene (SURR)	7.697	7.697	4532878	38.15		ug/ml
2-Fluorobiphenyl (SURR)	8.562	8.562	3230599	38.05		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BS	SDG No.:	Q3257
Lab Sample ID:	PB169950BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FE056148.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	5.10		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.79		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.05		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	10.6		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.9		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.4		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169950BS	Acq On:	02 Oct 2025 15:32
Client Sample ID:	PB169950BS	Operator:	YP\AJ
Data file:	FE056148.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	10717912	76.541	300	ug/ml
Aliphatic C12-C16	6.946	10.395	11032264	71.929	200	ug/ml
Aliphatic C16-C21	10.396	13.772	20040496	120.813	300	ug/ml
Aliphatic C21-C28	13.773	17.442	23701194	159.575	400	ug/ml
Aliphatic C28-C40	17.443	22.448	36542387	268.197	600	ug/ml
Aliphatic EPH	3.311	22.448	102034253	697.056		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.507	13.507	6062252	43.44		ug/ml
Aliphatic C9-C28	3.311	17.442	65491866	428.858	1200	ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BSD	SDG No.:	Q3257
Lab Sample ID:	PB169950BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/02/25 09:05	10/02/25 16:02	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	4.76		1	0.14	1.00	mg/kg	FE056149.D
Aliphatic C12-C16	Aliphatic C12-C16	4.57		1	0.11	0.67	mg/kg	FE056149.D
Aliphatic C16-C21	Aliphatic C16-C21	7.92		1	0.13	1.00	mg/kg	FE056149.D
Aliphatic C21-C28	Aliphatic C21-C28	10.6		1	0.53	1.33	mg/kg	FE056149.D
Aliphatic C28-C40	Aliphatic C28-C40	17.7		1	1.18	2.00	mg/kg	FE056149.D
Aromatic C10-C12	Aromatic C10-C12	4.33		1	0.12	0.67	mg/kg	FD049800.D
Aromatic C12-C16	Aromatic C12-C16	7.08		1	0.23	1.00	mg/kg	FD049800.D
Aromatic C16-C21	Aromatic C16-C21	14.5		1	0.40	1.67	mg/kg	FD049800.D
Aromatic C21-C36	Aromatic C21-C36	24.8		1	1.19	2.66	mg/kg	FD049800.D
Total AliphaticEPH	Total AliphaticEPH	45.5			2.09	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	50.7			1.94	6.00	mg/kg	
Total EPH	Total EPH	96.3			4.03	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BSD	SDG No.:	Q3257
Lab Sample ID:	PB169950BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049800.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.33		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	7.08		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.5		0.40	1.67	mg/kg
Aromatic C21-C36	Aromatic C21-C36	24.8		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	37.6		40 - 140	75%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	37.6		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.1		40 - 140	84%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	PB169950BSD	Acq On:	02 Oct 2025 16:44
Client Sample ID:	PB169950BSD	Operator:	YP/AJ
Data file:	FD049800.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	4.389	6.131	7982250	65.008	200	ug/ml
Aromatic C12-C16	6.132	8.759	15238556	106.297	300	ug/ml
Aromatic C16-C21	8.760	13.049	30865139	217.098	500	ug/ml
Aromatic C21-C36	13.050	18.468	46055171	371.947	800	ug/ml
Aromatic EPH	4.389	18.468	100141116	760.349		ug/ml
ortho-Terphenyl (SURR)	11.609	11.609	6285760	42.11		ug/ml
2-Bromonaphthalene (SURR)	7.697	7.697	4468408	37.61		ug/ml
2-Fluorobiphenyl (SURR)	8.561	8.561	3191925	37.6		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	PB169950BSD	SDG No.:	Q3257
Lab Sample ID:	PB169950BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE056149.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	4.76		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.57		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	7.92		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	10.6		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.7		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.6		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB169950BSD	Acq On:	02 Oct 2025 16:02
Client Sample ID:	PB169950BSD	Operator:	YP\AJ
Data file:	FE056149.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	10010564	71.49	300	ug/ml
Aliphatic C12-C16	6.946	10.395	10519573	68.587	200	ug/ml
Aliphatic C16-C21	10.396	13.772	19736725	118.982	300	ug/ml
Aliphatic C21-C28	13.773	17.442	23717806	159.687	400	ug/ml
Aliphatic C28-C40	17.443	22.448	36272078	266.213	600	ug/ml
Aliphatic EPH	3.311	22.448	100256746	684.958		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.506	13.506	6079062	43.56		ug/ml
Aliphatic C9-C28	3.311	17.442	63984668	418.746	1200	ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	RCAMS	SDG No.:	Q3257
Lab Sample ID:	Q3238-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
10/02/25 09:05	10/02/25 18:04	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	4.92		1	0.14	1.00	mg/kg	FE056153.D
Aliphatic C12-C16	Aliphatic C12-C16	4.79		1	0.11	0.67	mg/kg	FE056153.D
Aliphatic C16-C21	Aliphatic C16-C21	7.64		1	0.13	1.00	mg/kg	FE056153.D
Aliphatic C21-C28	Aliphatic C21-C28	9.89		1	0.53	1.33	mg/kg	FE056153.D
Aliphatic C28-C40	Aliphatic C28-C40	20.8		1	1.18	2.00	mg/kg	FE056153.D
Aromatic C10-C12	Aromatic C10-C12	4.17		1	0.12	0.67	mg/kg	FD049804.D
Aromatic C12-C16	Aromatic C12-C16	8.63		1	0.23	1.00	mg/kg	FD049804.D
Aromatic C16-C21	Aromatic C16-C21	15.0		1	0.40	1.66	mg/kg	FD049804.D
Aromatic C21-C36	Aromatic C21-C36	22.7		1	1.19	2.66	mg/kg	FD049804.D
Total AliphaticEPH	Total AliphaticEPH	48.0			2.09	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	50.5			1.94	5.98	mg/kg	
Total EPH	Total EPH	98.5			4.03	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	RCAMS	SDG No.:	Q3257
Lab Sample ID:	Q3238-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FD049804.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.17		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.63		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	15.0		0.40	1.66	mg/kg
Aromatic C21-C36	Aromatic C21-C36	22.7		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	41.3		40 - 140	83%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.0		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.9		40 - 140	52%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3238-01MS	Acq On:	02 Oct 2025 19:37
Client Sample ID:	RCAMS	Operator:	YP/AJ
Data file:	FD049804.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	4.389	6.131	7693732	62.658	200	ug/ml
Aromatic C12-C16	6.132	8.759	18603790	129.771	300	ug/ml
Aromatic C16-C21	8.760	13.049	32032138	225.306	500	ug/ml
Aromatic C21-C36	13.050	18.468	42171715	340.584	800	ug/ml
Aromatic EPH	4.389	18.468	100501375	758.319		ug/ml
ortho-Terphenyl (SURR)	11.608	11.608	3862905	25.88		ug/ml
2-Bromonaphthalene (SURR)	7.698	7.698	4901926	41.26		ug/ml
2-Fluorobiphenyl (SURR)	8.562	8.562	3563531	41.97		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	RCAMS	SDG No.:	Q3257
Lab Sample ID:	Q3238-01MS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FE056153.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	4.92		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.79		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	7.64		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.89		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.8		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.1		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3238-01MS	Acq On:	02 Oct 2025 18:04
Client Sample ID:	RCAMS	Operator:	YP\AJ
Data file:	FE056153.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	10354395	73.945	300	ug/ml
Aliphatic C12-C16	6.946	10.395	11038918	71.973	200	ug/ml
Aliphatic C16-C21	10.396	13.772	19057854	114.89	300	ug/ml
Aliphatic C21-C28	13.773	17.442	22073475	148.616	400	ug/ml
Aliphatic C28-C40	17.443	22.448	42539910	312.215	600	ug/ml
Aliphatic EPH	3.311	22.448	105064552	721.638		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	4205241	30.13		ug/ml
Aliphatic C9-C28	3.311	17.442	62524642	409.424	1200	ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	RCAMSD	SDG No.:	Q3257
Lab Sample ID:	Q3238-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
10/02/25 09:05	10/02/25 18:34	PB169950

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	4.73		1	0.14	1.00	mg/kg	FE056154.D
Aliphatic C12-C16	Aliphatic C12-C16	4.61		1	0.11	0.67	mg/kg	FE056154.D
Aliphatic C16-C21	Aliphatic C16-C21	9.31		1	0.13	1.00	mg/kg	FE056154.D
Aliphatic C21-C28	Aliphatic C21-C28	9.97		1	0.53	1.33	mg/kg	FE056154.D
Aliphatic C28-C40	Aliphatic C28-C40	21.3		1	1.18	2.00	mg/kg	FE056154.D
Aromatic C10-C12	Aromatic C10-C12	4.16		1	0.12	0.67	mg/kg	FD049805.D
Aromatic C12-C16	Aromatic C12-C16	8.60		1	0.23	1.00	mg/kg	FD049805.D
Aromatic C16-C21	Aromatic C16-C21	14.9		1	0.40	1.66	mg/kg	FD049805.D
Aromatic C21-C36	Aromatic C21-C36	23.0		1	1.19	2.66	mg/kg	FD049805.D
Total AliphaticEPH	Total AliphaticEPH	49.9			2.09	5.99	mg/kg	
Total AromaticEPH	Total AromaticEPH	50.7			1.94	5.98	mg/kg	
Total EPH	Total EPH	101			4.03	12.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	RCAMSD	SDG No.:	Q3257
Lab Sample ID:	Q3238-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FD049805.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.16		0.12	0.67	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.60		0.23	1.00	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.9		0.40	1.66	mg/kg
Aromatic C21-C36	Aromatic C21-C36	23.0		1.19	2.66	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	40.9		40 - 140	82%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	41.7		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.8		40 - 140	52%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q3238-01MSD	Acq On:	02 Oct 2025 20:19
Client Sample ID:	RCAMSD	Operator:	YP/AJ
Data file:	FD049805.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	4.389	6.131	7671808	62.479	200	ug/ml
Aromatic C12-C16	6.132	8.759	18532916	129.277	300	ug/ml
Aromatic C16-C21	8.760	13.049	31731837	223.194	500	ug/ml
Aromatic C21-C36	13.050	18.468	42829413	345.896	800	ug/ml
Aromatic EPH	4.389	18.468	100765974	760.846		ug/ml
ortho-Terphenyl (SURR)	11.608	11.608	3851203	25.8		ug/ml
2-Bromonaphthalene (SURR)	7.697	7.697	4860590	40.91		ug/ml
2-Flurobiphenyl (SURR)	8.562	8.562	3538469	41.68		ug/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	MWCO CJO WTP Edison 295110	Date Received:	
Client Sample ID:	RCAMSD	SDG No.:	Q3257
Lab Sample ID:	Q3238-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
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
FE056154.D	1	10/02/25	10/02/25	PB169950

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	4.73		0.14	1.00	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	4.61		0.11	0.67	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	9.31		0.13	1.00	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.97		0.53	1.33	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.3		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.8		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3238-01MSD	Acq On:	02 Oct 2025 18:34
Client Sample ID:	RCAMSD	Operator:	YP\AJ
Data file:	FE056154.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.311	6.945	9950514	71.061	300	ug/ml
Aliphatic C12-C16	6.946	10.395	10624570	69.271	200	ug/ml
Aliphatic C16-C21	10.396	13.772	23198627	139.852	300	ug/ml
Aliphatic C21-C28	13.773	17.442	22254021	149.831	400	ug/ml
Aliphatic C28-C40	17.443	22.448	43527930	319.467	600	ug/ml
Aliphatic EPH	3.311	22.448	109555662	749.482		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.505	13.505	4297189	30.79		ug/ml
Aliphatic C9-C28	3.311	17.442	66027732	430.015	1200	ug/ml



CALIBRATION SUMMARY

Initial Calibration Report for SequenceID : FD100225AR

AreaCount

Parameter Range	FD049791.D	FD049792.D	FD049793.D	FD049794.D	FD049795.D	
Aromatic C10-C12	25427460.000	12246862.000	4558465.000	2308235.000	1349679.000	
Aromatic C12-C16	44219117.000	21369355.000	7997923.000	4074363.000	2367349.000	
Aromatic C16-C21	58880353.000	28489474.000	10565292.000	5373434.000	3096151.000	
Aromatic C21-C36	113279188.000	55536652.000	20589877.000	10574479.000	6207569.000	
Aromatic EPH	241806118.000	117642343.000	43711557.000	22330511.000	13020748.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aromatic C10-C12	122789.439	7.049				
Aromatic C12-C16	143358.7013328	6.839				
Aromatic C16-C21	142171.5605	6.566				
Aromatic C21-C36	123821.7882218	7.367				
Aromatic EPH	131040.9621106	7.017				

Concentration

Parameter Range	FD049791.D	FD049792.D	FD049793.D	FD049794.D	FD049795.D	
Aromatic C10-C12	200.000	100.000	40.000	20.000	10.000	
Aromatic C12-C16	300.000	150.000	60.000	30.000	15.000	
Aromatic C16-C21	400.000	200.000	80.000	40.000	20.000	
Aromatic C21-C36	900.000	450.000	180.000	90.000	45.000	
Aromatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FD049791.D	FD049792.D	FD049793.D	FD049794.D	FD049795.D	
Aromatic C10-C12	127137.300000	122468.620000	113961.625000	115411.750000	134967.900000	
Aromatic C12-C16	147397.056666	142462.366666	133298.716666	135812.100000	157823.266666	
Aromatic C16-C21	147200.882500	142447.370000	132066.150000	134335.850000	154807.550000	
Aromatic C21-C36	125865.764444	123414.782222	114388.205555	117494.211111	137945.977777	
Aromatic EPH	134336.732222	130713.714444	121420.991666	124058.394444	144674.977777	

Initial Calibration Report for SequenceID : FE092425AL

AreaCount

Parameter Range	FE055962.D	FE055963.D	FE055964.D	FE055965.D	FE055966.D	
Aliphatic C9-C12	37542791.000	22892697.000	8462672.000	4191009.000	2124515.000	
Aliphatic C12-C16	28448375.000	15981763.000	6036724.000	3116285.000	1580906.000	
Aliphatic C16-C21	47319022.000	24326712.000	9480340.000	5176882.000	2683832.000	
Aliphatic C21-C28	56499296.000	28330990.000	11268637.000	6189034.000	3282975.000	
Aliphatic C28-C40	72708634.000	38000593.000	15509370.000	8760386.000	4744762.000	
Aliphatic EPH	242518118.000	129532755.000	50757743.000	27433596.000	14416990.000	

AVG Response Factor

Parameter Range	AVG RF	% RSD				
Aliphatic C9-C12	140027.9566664	6.995				
Aliphatic C12-C16	153376.491	4.607				
Aliphatic C16-C21	165879.737333	5.694				
Aliphatic C21-C28	148527.1505	7.073				
Aliphatic C28-C40	136251.923333	11.27				
Aliphatic EPH	146449.7892216	6.809				

Concentration

Parameter Range	FE055962.D	FE055963.D	FE055964.D	FE055965.D	FE055966.D	
Aliphatic C9-C12	300.000	150.000	60.000	30.000	15.000	
Aliphatic C12-C16	200.000	100.000	40.000	20.000	10.000	
Aliphatic C16-C21	300.000	150.000	60.000	30.000	15.000	
Aliphatic C21-C28	400.000	200.000	80.000	40.000	20.000	
Aliphatic C28-C40	600.000	300.000	120.000	60.000	30.000	
Aliphatic EPH	1800.000	900.000	360.000	180.000	90.000	

Response Factor

Parameter Range	FE055962.D	FE055963.D	FE055964.D	FE055965.D	FE055966.D	
Aliphatic C9-C12	125142.636666	152617.980000	141044.533333	139700.300000	141634.333333	
Aliphatic C12-C16	142241.875000	159817.630000	150918.100000	155814.250000	158090.600000	
Aliphatic C16-C21	157730.073333	162178.080000	158005.666666	172562.733333	178922.133333	

Initial Calibration Report for SequenceID : FE092425AL

Aliphatic C21-C28	141248.240000	141654.950000	140857.962500	154725.850000	164148.750000	
Aliphatic C28-C40	121181.056666	126668.643333	129244.750000	146006.433333	158158.733333	
Aliphatic EPH	134732.287777	143925.283333	140993.730555	152408.866666	160188.777777	

Continuing Calibration Report for SequenceID : FD100225AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049798.D

Aromatic C10-C12	4619689.000	40.000	4.389	6.131	115492.225	122789.439	5.943
Aromatic C12-C16	8072201.000	60.000	6.132	8.759	134536.683	143358.701	6.154
Aromatic C16-C21	10659760.000	80.000	8.760	13.049	133247.000	142171.561	6.277
Aromatic C21-C36	20256445.000	180.000	13.050	18.468	112535.806	123821.788	9.115
Aromatic EPH	43608095.000	360.000	4.389	18.468	121133.597	131040.962	7.561

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	02 Oct 2025 14:35
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049798.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.389	6.131	4619689.000	40.000	ug/ml
Aromatic C12-C16	6.132	8.759	8072201.000	60.000	ug/ml
Aromatic C16-C21	8.760	13.049	10659760.000	80.000	ug/ml
Aromatic C21-C36	13.050	18.468	20256445.000	180.000	ug/ml
Aromatic EPH	4.389	18.468	43608095.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FD100225AR

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FD049811.D

Aromatic C10-C12	4706995.000	40.000	4.389	6.131	117674.875	122789.439	4.165
Aromatic C12-C16	8303318.000	60.000	6.132	8.759	138388.633	143358.701	3.467
Aromatic C16-C21	10980590.000	80.000	8.760	13.049	137257.375	142171.561	3.457
Aromatic C21-C36	20756349.000	180.000	13.050	18.468	115313.050	123821.788	6.872
Aromatic EPH	44747252.000	360.000	4.389	18.468	124297.922	131040.962	5.146

Lab Sample ID:	20 PPM AROMATIC HC	Acq On:	03 Oct 2025 01:09
Client Sample ID:		Operator:	YP/AJ
Data file:	FD049811.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aromatic C10-C12	4.389	6.131	4706995.000	40.000	ug/ml
Aromatic C12-C16	6.132	8.759	8303318.000	60.000	ug/ml
Aromatic C16-C21	8.760	13.049	10980590.000	80.000	ug/ml
Aromatic C21-C36	13.050	18.468	20756349.000	180.000	ug/ml
Aromatic EPH	4.389	18.468	44747252.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE100225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE056147.D

Aliphatic C9-C12	7965010.000	60.000	3.311	6.945	132750.167	140027.957	5.197
Aliphatic C12-C16	6502829.000	40.000	6.946	10.395	162570.725	153376.491	-5.995
Aliphatic C16-C21	10562347.000	60.000	10.396	13.772	176039.117	165879.737	-6.125
Aliphatic C21-C28	12151939.000	80.000	13.773	17.442	151899.238	148527.151	-2.270
Aliphatic C28-C40	16261900.000	120.000	17.443	22.448	135515.833	136251.923	0.540
Aliphatic EPH	53444025.000	360.000	3.311	22.448	148455.625	146449.789	-1.370

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	02 Oct 2025 12:13
Client Sample ID:		Operator:	YP\AJ
Data file:	FE056147.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.311	6.945	7965010.000	60.000	ug/ml
Aliphatic C12-C16	6.946	10.395	6502829.000	40.000	ug/ml
Aliphatic C16-C21	10.396	13.772	10562347.000	60.000	ug/ml
Aliphatic C21-C28	13.773	17.442	12151939.000	80.000	ug/ml
Aliphatic C28-C40	17.443	22.448	16261900.000	120.000	ug/ml
Aliphatic EPH	3.311	22.448	53444025.000	360.000	ug/ml

Continuing Calibration Report for SequenceID : FE100225AL

Parameter	AreaCount	Conc.	RT_Min	RT_Max	Response Factor	AVGRF	%DEV
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File ID : FE056160.D

Aliphatic C9-C12	8211859.000	60.000	3.311	6.945	136864.317	140027.957	2.259
Aliphatic C12-C16	6753799.000	40.000	6.946	10.395	168844.975	153376.491	-10.085
Aliphatic C16-C21	11048212.000	60.000	10.396	13.772	184136.867	165879.737	-11.006
Aliphatic C21-C28	12784235.000	80.000	13.773	17.442	159802.938	148527.151	-7.592
Aliphatic C28-C40	17078354.000	120.000	17.443	22.448	142319.617	136251.923	-4.453
Aliphatic EPH	55876459.000	360.000	3.311	22.448	155212.386	146449.789	-5.983

Lab Sample ID:	20 PPM ALIPHATIC HC 9	Acq On:	02 Oct 2025 22:06
Client Sample ID:		Operator:	YP\AJ
Data file:	FE056160.D	Misc:	
Instrument:	FID_E	ALS Vial:	3
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	Units
Aliphatic C9-C12	3.311	6.945	8211859.000	60.000	ug/ml
Aliphatic C12-C16	6.946	10.395	6753799.000	40.000	ug/ml
Aliphatic C16-C21	10.396	13.772	11048212.000	60.000	ug/ml
Aliphatic C21-C28	13.773	17.442	12784235.000	80.000	ug/ml
Aliphatic C28-C40	17.443	22.448	17078354.000	120.000	ug/ml
Aliphatic EPH	3.311	22.448	55876459.000	360.000	ug/ml

LAB CHRONICLE

OrderID:	Q3257	OrderDate:	9/30/2025 2:40:01 PM
Client:	CDM Smith	Project:	MWCO CJO WTP Edison 295110
Contact:	Marcie Ann Encinas	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3257-01	ENV1-6FT	SOIL			09/30/25			09/30/25
			Mercury	7471B		09/30/25	10/01/25	
			Metals ICP-TAL	6010D		10/01/25	10/02/25	
			Metals ICP-TAL	6010D		10/01/25	10/07/25	
Q3257-02	ENV2-6FT	SOIL			09/29/25			09/30/25
			Mercury	7471B		09/30/25	10/01/25	
			Metals ICP-TAL	6010D		10/01/25	10/02/25	
			Metals ICP-TAL	6010D		10/01/25	10/07/25	

Hit Summary Sheet SW-846

SDG No.: Q3257 **Order ID:** Q3257
Client: CDM Smith **Project ID:** MWCO CJO WTP Edison 295110

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : ENV1-6FT								
Q3257-01	ENV1-6FT	SOIL	Aluminum	15700		0.88	5.25	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Arsenic	9.13		0.20	1.05	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Barium	184		0.77	5.25	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Beryllium	2.36		0.026	0.32	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Cadmium	0.37		0.025	0.32	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Calcium	3090		11.7	105	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Chromium	29.1		0.049	0.53	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Cobalt	20.7		0.11	1.57	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Copper	36.9		0.23	1.05	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Iron	29900		4.19	5.25	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Lead	54.3		0.14	0.63	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Magnesium	6490		12.6	105	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Manganese	1770		0.15	1.05	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Mercury	0.048		0.0090	0.015	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Nickel	36.0		0.14	2.10	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Potassium	1370		29.1	105	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Silver	1.40	JD	0.63	2.62	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Sodium	79.8	J	18.7	105	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Vanadium	42.1		0.26	2.10	mg/Kg
Q3257-01	ENV1-6FT	SOIL	Zinc	102		0.24	2.10	mg/Kg
Client ID : ENV2-6FT								
Q3257-02	ENV2-6FT	SOIL	Aluminum	7220		0.83	4.92	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Arsenic	6.03		0.19	0.98	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Barium	211		0.72	4.92	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Beryllium	1.99		0.025	0.30	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Cadmium	1.12		0.024	0.30	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Calcium	3450		10.9	98.4	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Chromium	41.3		0.046	0.49	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Cobalt	22.2		0.098	1.48	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Copper	25.6		0.22	0.98	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Iron	30300		3.93	4.92	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Lead	28.5		0.13	0.59	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Magnesium	6010		11.8	98.4	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Manganese	1570		0.14	0.98	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Nickel	59.1		0.13	1.97	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Potassium	879		27.3	98.4	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Silver	1.04	JD	0.59	2.46	mg/Kg

Hit Summary Sheet
SW-846

SDG No.: Q3257

Order ID: Q3257

Client: CDM Smith

Project ID: MWCO CJO WTP Edison 295110

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q3257-02	ENV2-6FT	SOIL	Sodium	151		17.5	98.4	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Vanadium	32.4		0.25	1.97	mg/Kg
Q3257-02	ENV2-6FT	SOIL	Zinc	57.9		0.23	1.97	mg/Kg



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	09/30/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV1-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-01	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	15700		1	0.88	5.25	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-36-0	Antimony	0.23	UN	1	0.23	2.62	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-38-2	Arsenic	9.13		1	0.20	1.05	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-39-3	Barium	184		1	0.77	5.25	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-41-7	Beryllium	2.36		1	0.026	0.32	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-43-9	Cadmium	0.37		1	0.025	0.32	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-70-2	Calcium	3090		1	11.7	105	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-47-3	Chromium	29.1	N*	1	0.049	0.53	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-48-4	Cobalt	20.7		1	0.11	1.57	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-50-8	Copper	36.9		1	0.23	1.05	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7439-89-6	Iron	29900	*	1	4.19	5.25	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7439-92-1	Lead	54.3	N	1	0.14	0.63	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7439-95-4	Magnesium	6490		1	12.6	105	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7439-96-5	Manganese	1770		1	0.15	1.05	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7439-97-6	Mercury	0.048		1	0.0090	0.015	mg/Kg	09/30/25 16:30	10/01/25 09:42	7471B	
7440-02-0	Nickel	36.0		1	0.14	2.10	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-09-7	Potassium	1370		1	29.1	105	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7782-49-2	Selenium	0.27	U	1	0.27	1.05	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-22-4	Silver	1.40	JDN	5	0.63	2.62	mg/Kg	10/01/25 10:40	10/07/25 19:12	6010D	SW3050
7440-23-5	Sodium	79.8	J	1	18.7	105	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-28-0	Thallium	0.24	U	1	0.24	2.10	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-62-2	Vanadium	42.1		1	0.26	2.10	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050
7440-66-6	Zinc	102		1	0.24	2.10	mg/Kg	10/01/25 10:40	10/02/25 14:26	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
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

Report of Analysis

Client:	CDM Smith	Date Collected:	09/29/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	09/30/25
Client Sample ID:	ENV2-6FT	SDG No.:	Q3257
Lab Sample ID:	Q3257-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	84.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7220		1	0.83	4.92	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-36-0	Antimony	0.22	UN	1	0.22	2.46	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-38-2	Arsenic	6.03		1	0.19	0.98	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-39-3	Barium	211		1	0.72	4.92	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-41-7	Beryllium	1.99		1	0.025	0.30	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-43-9	Cadmium	1.12		1	0.024	0.30	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-70-2	Calcium	3450		1	10.9	98.4	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-47-3	Chromium	41.3	N*	1	0.046	0.49	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-48-4	Cobalt	22.2		1	0.098	1.48	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-50-8	Copper	25.6		1	0.22	0.98	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7439-89-6	Iron	30300	*	1	3.93	4.92	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7439-92-1	Lead	28.5	N	1	0.13	0.59	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7439-95-4	Magnesium	6010		1	11.8	98.4	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7439-96-5	Manganese	1570		1	0.14	0.98	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7439-97-6	Mercury	0.0090	U	1	0.0090	0.016	mg/Kg	09/30/25 16:30	10/01/25 09:50	7471B	
7440-02-0	Nickel	59.1		1	0.13	1.97	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-09-7	Potassium	879		1	27.3	98.4	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7782-49-2	Selenium	0.26	U	1	0.26	0.98	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-22-4	Silver	1.04	JDN	5	0.59	2.46	mg/Kg	10/01/25 10:40	10/07/25 19:16	6010D	SW3050
7440-23-5	Sodium	151		1	17.5	98.4	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-28-0	Thallium	0.23	U	1	0.23	1.97	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-62-2	Vanadium	32.4		1	0.25	1.97	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050
7440-66-6	Zinc	57.9		1	0.23	1.97	mg/Kg	10/01/25 10:40	10/02/25 14:30	6010D	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Yellow	Clarity After:	Artifacts:	No
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



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV53	Mercury	4.17	4.0	104	90 - 110	CV	10/01/2025	09:10	LB137376

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV67	Mercury	5.09	5.0	102	90 - 110	CV	10/01/2025	09:15	LB137376
CCV68	Mercury	5.12	5.0	102	90 - 110	CV	10/01/2025	09:45	LB137376
CCV69	Mercury	5.05	5.0	101	90 - 110	CV	10/01/2025	10:07	LB137376

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7880	8000	99	90 - 110	P	10/02/2025	11:07	LB137406
	Antimony	4080	4000	102	90 - 110	P	10/02/2025	11:07	LB137406
	Arsenic	4010	4000	100	90 - 110	P	10/02/2025	11:07	LB137406
	Barium	7650	8000	96	90 - 110	P	10/02/2025	11:07	LB137406
	Beryllium	201	200	101	90 - 110	P	10/02/2025	11:07	LB137406
	Cadmium	1970	2000	99	90 - 110	P	10/02/2025	11:07	LB137406
	Calcium	19500	20000	98	90 - 110	P	10/02/2025	11:07	LB137406
	Chromium	824	800	103	90 - 110	P	10/02/2025	11:07	LB137406
	Cobalt	1970	2000	99	90 - 110	P	10/02/2025	11:07	LB137406
	Copper	1010	1000	101	90 - 110	P	10/02/2025	11:07	LB137406
	Iron	3990	4000	100	90 - 110	P	10/02/2025	11:07	LB137406
	Lead	3870	4000	97	90 - 110	P	10/02/2025	11:07	LB137406
	Magnesium	19800	20000	99	90 - 110	P	10/02/2025	11:07	LB137406
	Manganese	1940	2000	97	90 - 110	P	10/02/2025	11:07	LB137406
	Nickel	1980	2000	99	90 - 110	P	10/02/2025	11:07	LB137406
	Potassium	19600	20000	98	90 - 110	P	10/02/2025	11:07	LB137406
	Selenium	4040	4000	101	90 - 110	P	10/02/2025	11:07	LB137406
	Silver	987	1000	99	90 - 110	P	10/02/2025	11:07	LB137406
	Sodium	19000	20000	95	90 - 110	P	10/02/2025	11:07	LB137406
	Thallium	3980	4000	100	90 - 110	P	10/02/2025	11:07	LB137406
	Vanadium	1960	2000	98	90 - 110	P	10/02/2025	11:07	LB137406
	Zinc	2010	2000	100	90 - 110	P	10/02/2025	11:07	LB137406

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	120	100	120	80 - 120	P	10/02/2025	11:11	LB137406
	Antimony	52.3	50.0	104	80 - 120	P	10/02/2025	11:11	LB137406
	Arsenic	21.7	20.0	108	80 - 120	P	10/02/2025	11:11	LB137406
	Barium	113	100	113	80 - 120	P	10/02/2025	11:11	LB137406
	Beryllium	6.80	6.0	113	80 - 120	P	10/02/2025	11:11	LB137406
	Cadmium	6.03	6.0	100	80 - 120	P	10/02/2025	11:11	LB137406
	Calcium	2110	2000	106	80 - 120	P	10/02/2025	11:11	LB137406
	Chromium	11.2	10.0	112	80 - 120	P	10/02/2025	11:11	LB137406
	Cobalt	30.1	30.0	100	80 - 120	P	10/02/2025	11:11	LB137406
	Copper	22.2	20.0	111	80 - 120	P	10/02/2025	11:11	LB137406
	Iron	104	100	104	80 - 120	P	10/02/2025	11:11	LB137406
	Lead	13.2	12.0	110	80 - 120	P	10/02/2025	11:11	LB137406
	Magnesium	2220	2000	111	80 - 120	P	10/02/2025	11:11	LB137406
	Manganese	21.5	20.0	108	80 - 120	P	10/02/2025	11:11	LB137406
	Nickel	40.4	40.0	101	80 - 120	P	10/02/2025	11:11	LB137406
	Potassium	1770	2000	88	80 - 120	P	10/02/2025	11:11	LB137406
	Selenium	22.8	20.0	114	80 - 120	P	10/02/2025	11:11	LB137406
	Silver	11.0	10.0	110	80 - 120	P	10/02/2025	11:11	LB137406
	Sodium	1690	2000	84	80 - 120	P	10/02/2025	11:11	LB137406
	Thallium	46.1	40.0	115	80 - 120	P	10/02/2025	11:11	LB137406
	Vanadium	42.2	40.0	106	80 - 120	P	10/02/2025	11:11	LB137406
	Zinc	42.4	40.0	106	80 - 120	P	10/02/2025	11:11	LB137406

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9910	10000	99	90 - 110	P	10/02/2025	11:58	LB137406
	Antimony	4950	5000	99	90 - 110	P	10/02/2025	11:58	LB137406
	Arsenic	5100	5000	102	90 - 110	P	10/02/2025	11:58	LB137406
	Barium	9630	10000	96	90 - 110	P	10/02/2025	11:58	LB137406
	Beryllium	267	250	107	90 - 110	P	10/02/2025	11:58	LB137406
	Cadmium	2530	2500	101	90 - 110	P	10/02/2025	11:58	LB137406
	Calcium	24800	25000	99	90 - 110	P	10/02/2025	11:58	LB137406
	Chromium	1040	1000	104	90 - 110	P	10/02/2025	11:58	LB137406
	Cobalt	2490	2500	100	90 - 110	P	10/02/2025	11:58	LB137406
	Copper	1260	1250	101	90 - 110	P	10/02/2025	11:58	LB137406
	Iron	4740	5000	95	90 - 110	P	10/02/2025	11:58	LB137406
	Lead	5080	5000	102	90 - 110	P	10/02/2025	11:58	LB137406
	Magnesium	25100	25000	100	90 - 110	P	10/02/2025	11:58	LB137406
	Manganese	2440	2500	98	90 - 110	P	10/02/2025	11:58	LB137406
	Nickel	2500	2500	100	90 - 110	P	10/02/2025	11:58	LB137406
	Potassium	23300	25000	93	90 - 110	P	10/02/2025	11:58	LB137406
	Selenium	5120	5000	102	90 - 110	P	10/02/2025	11:58	LB137406
	Silver	1260	1250	101	90 - 110	P	10/02/2025	11:58	LB137406
	Sodium	22800	25000	91	90 - 110	P	10/02/2025	11:58	LB137406
	Thallium	5080	5000	102	90 - 110	P	10/02/2025	11:58	LB137406
	Vanadium	2470	2500	99	90 - 110	P	10/02/2025	11:58	LB137406
	Zinc	2520	2500	101	90 - 110	P	10/02/2025	11:58	LB137406
CCV02	Aluminum	9450	10000	94	90 - 110	P	10/02/2025	13:48	LB137406
	Antimony	4830	5000	97	90 - 110	P	10/02/2025	13:48	LB137406
	Arsenic	5200	5000	104	90 - 110	P	10/02/2025	13:48	LB137406
	Barium	9090	10000	91	90 - 110	P	10/02/2025	13:48	LB137406
	Beryllium	246	250	98	90 - 110	P	10/02/2025	13:48	LB137406
	Cadmium	2570	2500	103	90 - 110	P	10/02/2025	13:48	LB137406
	Calcium	24000	25000	96	90 - 110	P	10/02/2025	13:48	LB137406
	Chromium	1070	1000	107	90 - 110	P	10/02/2025	13:48	LB137406
	Cobalt	2460	2500	99	90 - 110	P	10/02/2025	13:48	LB137406
	Copper	1260	1250	101	90 - 110	P	10/02/2025	13:48	LB137406
	Iron	5120	5000	102	90 - 110	P	10/02/2025	13:48	LB137406
	Lead	5240	5000	105	90 - 110	P	10/02/2025	13:48	LB137406

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

Contract: CAMP02

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3257

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24700	25000	99	90 - 110	P	10/02/2025	13:48	LB137406
	Manganese	2330	2500	93	90 - 110	P	10/02/2025	13:48	LB137406
	Nickel	2490	2500	99	90 - 110	P	10/02/2025	13:48	LB137406
	Potassium	23300	25000	93	90 - 110	P	10/02/2025	13:48	LB137406
	Selenium	5320	5000	106	90 - 110	P	10/02/2025	13:48	LB137406
	Silver	1280	1250	102	90 - 110	P	10/02/2025	13:48	LB137406
	Sodium	24800	25000	99	90 - 110	P	10/02/2025	13:48	LB137406
	Thallium	5290	5000	106	90 - 110	P	10/02/2025	13:48	LB137406
	Vanadium	2390	2500	96	90 - 110	P	10/02/2025	13:48	LB137406
	Zinc	2500	2500	100	90 - 110	P	10/02/2025	13:48	LB137406
CCV03	Aluminum	9360	10000	94	90 - 110	P	10/02/2025	14:47	LB137406
	Antimony	4800	5000	96	90 - 110	P	10/02/2025	14:47	LB137406
	Arsenic	5170	5000	104	90 - 110	P	10/02/2025	14:47	LB137406
	Barium	9030	10000	90	90 - 110	P	10/02/2025	14:47	LB137406
	Beryllium	243	250	97	90 - 110	P	10/02/2025	14:47	LB137406
	Cadmium	2560	2500	103	90 - 110	P	10/02/2025	14:47	LB137406
	Calcium	23800	25000	95	90 - 110	P	10/02/2025	14:47	LB137406
	Chromium	1050	1000	105	90 - 110	P	10/02/2025	14:47	LB137406
	Cobalt	2450	2500	98	90 - 110	P	10/02/2025	14:47	LB137406
	Copper	1250	1250	100	90 - 110	P	10/02/2025	14:47	LB137406
	Iron	5080	5000	102	90 - 110	P	10/02/2025	14:47	LB137406
	Lead	5220	5000	104	90 - 110	P	10/02/2025	14:47	LB137406
	Magnesium	24400	25000	98	90 - 110	P	10/02/2025	14:47	LB137406
	Manganese	2320	2500	93	90 - 110	P	10/02/2025	14:47	LB137406
	Nickel	2470	2500	99	90 - 110	P	10/02/2025	14:47	LB137406
	Potassium	24700	25000	99	90 - 110	P	10/02/2025	14:47	LB137406
	Selenium	5300	5000	106	90 - 110	P	10/02/2025	14:47	LB137406
	Silver	1250	1250	100	90 - 110	P	10/02/2025	14:47	LB137406
	Sodium	24400	25000	98	90 - 110	P	10/02/2025	14:47	LB137406
	Thallium	5300	5000	106	90 - 110	P	10/02/2025	14:47	LB137406
	Vanadium	2360	2500	95	90 - 110	P	10/02/2025	14:47	LB137406
	Zinc	2470	2500	99	90 - 110	P	10/02/2025	14:47	LB137406
CCV04	Aluminum	9320	10000	93	90 - 110	P	10/02/2025	15:54	LB137406
	Antimony	4920	5000	98	90 - 110	P	10/02/2025	15:54	LB137406

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

Contract: CAMP02

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3257

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5460	5000	109	90 - 110	P	10/02/2025	15:54	LB137406
	Barium	9070	10000	91	90 - 110	P	10/02/2025	15:54	LB137406
	Beryllium	234	250	93	90 - 110	P	10/02/2025	15:54	LB137406
	Cadmium	2660	2500	106	90 - 110	P	10/02/2025	15:54	LB137406
	Calcium	23900	25000	96	90 - 110	P	10/02/2025	15:54	LB137406
	Chromium	1070	1000	107	90 - 110	P	10/02/2025	15:54	LB137406
	Cobalt	2480	2500	99	90 - 110	P	10/02/2025	15:54	LB137406
	Copper	1290	1250	103	90 - 110	P	10/02/2025	15:54	LB137406
	Iron	5300	5000	106	90 - 110	P	10/02/2025	15:54	LB137406
	Lead	5270	5000	106	90 - 110	P	10/02/2025	15:54	LB137406
	Magnesium	24100	25000	97	90 - 110	P	10/02/2025	15:54	LB137406
	Manganese	2340	2500	94	90 - 110	P	10/02/2025	15:54	LB137406
	Nickel	2520	2500	101	90 - 110	P	10/02/2025	15:54	LB137406
	Potassium	24200	25000	97	90 - 110	P	10/02/2025	15:54	LB137406
	Selenium	4900	5000	98	90 - 110	P	10/02/2025	15:54	LB137406
	Silver	1290	1250	103	90 - 110	P	10/02/2025	15:54	LB137406
	Sodium	23300	25000	93	90 - 110	P	10/02/2025	15:54	LB137406
	Thallium	5170	5000	103	90 - 110	P	10/02/2025	15:54	LB137406
	Vanadium	2400	2500	96	90 - 110	P	10/02/2025	15:54	LB137406
	Zinc	2510	2500	100	90 - 110	P	10/02/2025	15:54	LB137406
CCV05	Aluminum	9280	10000	93	90 - 110	P	10/02/2025	17:31	LB137406
	Antimony	4750	5000	95	90 - 110	P	10/02/2025	17:31	LB137406
	Arsenic	5060	5000	101	90 - 110	P	10/02/2025	17:31	LB137406
	Barium	9160	10000	92	90 - 110	P	10/02/2025	17:31	LB137406
	Beryllium	239	250	96	90 - 110	P	10/02/2025	17:31	LB137406
	Cadmium	2530	2500	101	90 - 110	P	10/02/2025	17:31	LB137406
	Calcium	23900	25000	96	90 - 110	P	10/02/2025	17:31	LB137406
	Chromium	1020	1000	102	90 - 110	P	10/02/2025	17:31	LB137406
	Cobalt	2430	2500	97	90 - 110	P	10/02/2025	17:31	LB137406
	Copper	1240	1250	99	90 - 110	P	10/02/2025	17:31	LB137406
	Iron	5480	5000	110	90 - 110	P	10/02/2025	17:31	LB137406
	Lead	5140	5000	103	90 - 110	P	10/02/2025	17:31	LB137406
	Magnesium	24100	25000	97	90 - 110	P	10/02/2025	17:31	LB137406
	Manganese	2350	2500	94	90 - 110	P	10/02/2025	17:31	LB137406

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2450	2500	98	90 - 110	P	10/02/2025	17:31	LB137406
	Potassium	22500	25000	90	90 - 110	P	10/02/2025	17:31	LB137406
	Selenium	5150	5000	103	90 - 110	P	10/02/2025	17:31	LB137406
	Silver	1230	1250	99	90 - 110	P	10/02/2025	17:31	LB137406
	Sodium	26000	25000	104	90 - 110	P	10/02/2025	17:31	LB137406
	Thallium	4690	5000	94	90 - 110	P	10/02/2025	17:31	LB137406
	Vanadium	2370	2500	95	90 - 110	P	10/02/2025	17:31	LB137406
	Zinc	2430	2500	97	90 - 110	P	10/02/2025	17:31	LB137406
CCV06	Aluminum	9350	10000	94	90 - 110	P	10/02/2025	18:17	LB137406
	Antimony	4830	5000	96	90 - 110	P	10/02/2025	18:17	LB137406
	Arsenic	5210	5000	104	90 - 110	P	10/02/2025	18:17	LB137406
	Barium	9140	10000	91	90 - 110	P	10/02/2025	18:17	LB137406
	Beryllium	252	250	101	90 - 110	P	10/02/2025	18:17	LB137406
	Cadmium	2590	2500	104	90 - 110	P	10/02/2025	18:17	LB137406
	Calcium	24000	25000	96	90 - 110	P	10/02/2025	18:17	LB137406
	Chromium	1040	1000	104	90 - 110	P	10/02/2025	18:17	LB137406
	Cobalt	2460	2500	98	90 - 110	P	10/02/2025	18:17	LB137406
	Copper	1270	1250	101	90 - 110	P	10/02/2025	18:17	LB137406
	Iron	5380	5000	108	90 - 110	P	10/02/2025	18:17	LB137406
	Lead	5290	5000	106	90 - 110	P	10/02/2025	18:17	LB137406
	Magnesium	24400	25000	98	90 - 110	P	10/02/2025	18:17	LB137406
	Manganese	2360	2500	94	90 - 110	P	10/02/2025	18:17	LB137406
	Nickel	2490	2500	100	90 - 110	P	10/02/2025	18:17	LB137406
	Potassium	24700	25000	99	90 - 110	P	10/02/2025	18:17	LB137406
	Selenium	5010	5000	100	90 - 110	P	10/02/2025	18:17	LB137406
	Silver	1250	1250	100	90 - 110	P	10/02/2025	18:17	LB137406
	Sodium	26000	25000	104	90 - 110	P	10/02/2025	18:17	LB137406
	Thallium	4730	5000	94	90 - 110	P	10/02/2025	18:17	LB137406
	Vanadium	2370	2500	95	90 - 110	P	10/02/2025	18:17	LB137406
	Zinc	2450	2500	98	90 - 110	P	10/02/2025	18:17	LB137406

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7850	8000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Antimony	4030	4000	101	90 - 110	P	10/03/2025	12:18	LB137426
	Arsenic	3940	4000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Barium	7900	8000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Beryllium	199	200	100	90 - 110	P	10/03/2025	12:18	LB137426
	Cadmium	1950	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Calcium	19600	20000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Chromium	799	800	100	90 - 110	P	10/03/2025	12:18	LB137426
	Cobalt	1950	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Copper	1010	1000	101	90 - 110	P	10/03/2025	12:18	LB137426
	Iron	3950	4000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Lead	3840	4000	96	90 - 110	P	10/03/2025	12:18	LB137426
	Magnesium	19600	20000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Manganese	1980	2000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Nickel	1960	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Potassium	19400	20000	97	90 - 110	P	10/03/2025	12:18	LB137426
	Selenium	3960	4000	99	90 - 110	P	10/03/2025	12:18	LB137426
	Silver	960	1000	96	90 - 110	P	10/03/2025	12:18	LB137426
	Sodium	19300	20000	97	90 - 110	P	10/03/2025	12:18	LB137426
	Thallium	3750	4000	94	90 - 110	P	10/03/2025	12:18	LB137426
	Vanadium	1960	2000	98	90 - 110	P	10/03/2025	12:18	LB137426
	Zinc	1980	2000	99	90 - 110	P	10/03/2025	12:18	LB137426

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	114	100	114	80 - 120	P	10/03/2025	13:05	LB137426
	Antimony	53.8	50.0	108	80 - 120	P	10/03/2025	13:05	LB137426
	Arsenic	22.0	20.0	110	80 - 120	P	10/03/2025	13:05	LB137426
	Barium	99.1	100	99	80 - 120	P	10/03/2025	13:05	LB137426
	Beryllium	6.51	6.0	108	80 - 120	P	10/03/2025	13:05	LB137426
	Cadmium	6.05	6.0	101	80 - 120	P	10/03/2025	13:05	LB137426
	Calcium	2060	2000	103	80 - 120	P	10/03/2025	13:05	LB137426
	Chromium	10.4	10.0	104	80 - 120	P	10/03/2025	13:05	LB137426
	Cobalt	30.1	30.0	100	80 - 120	P	10/03/2025	13:05	LB137426
	Copper	21.3	20.0	107	80 - 120	P	10/03/2025	13:05	LB137426
	Iron	92.9	100	93	80 - 120	P	10/03/2025	13:05	LB137426
	Lead	12.8	12.0	107	80 - 120	P	10/03/2025	13:05	LB137426
	Magnesium	2160	2000	108	80 - 120	P	10/03/2025	13:05	LB137426
	Manganese	21.2	20.0	106	80 - 120	P	10/03/2025	13:05	LB137426
	Nickel	41.3	40.0	103	80 - 120	P	10/03/2025	13:05	LB137426
	Potassium	1960	2000	98	80 - 120	P	10/03/2025	13:05	LB137426
	Selenium	19.3	20.0	96	80 - 120	P	10/03/2025	13:05	LB137426
	Silver	10.2	10.0	102	80 - 120	P	10/03/2025	13:05	LB137426
	Sodium	1990	2000	100	80 - 120	P	10/03/2025	13:05	LB137426
	Thallium	41.8	40.0	104	80 - 120	P	10/03/2025	13:05	LB137426
	Vanadium	39.2	40.0	98	80 - 120	P	10/03/2025	13:05	LB137426
	Zinc	42.4	40.0	106	80 - 120	P	10/03/2025	13:05	LB137426

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9960	10000	100	90 - 110	P	10/03/2025	13:37	LB137426
	Antimony	5040	5000	101	90 - 110	P	10/03/2025	13:37	LB137426
	Arsenic	5030	5000	100	90 - 110	P	10/03/2025	13:37	LB137426
	Barium	10000	10000	100	90 - 110	P	10/03/2025	13:37	LB137426
	Beryllium	247	250	99	90 - 110	P	10/03/2025	13:37	LB137426
	Cadmium	2490	2500	100	90 - 110	P	10/03/2025	13:37	LB137426
	Calcium	24800	25000	99	90 - 110	P	10/03/2025	13:37	LB137426
	Chromium	989	1000	99	90 - 110	P	10/03/2025	13:37	LB137426
	Cobalt	2480	2500	99	90 - 110	P	10/03/2025	13:37	LB137426
	Copper	1260	1250	101	90 - 110	P	10/03/2025	13:37	LB137426
	Iron	4900	5000	98	90 - 110	P	10/03/2025	13:37	LB137426
	Lead	4940	5000	99	90 - 110	P	10/03/2025	13:37	LB137426
	Magnesium	24700	25000	99	90 - 110	P	10/03/2025	13:37	LB137426
	Manganese	2500	2500	100	90 - 110	P	10/03/2025	13:37	LB137426
	Nickel	2490	2500	100	90 - 110	P	10/03/2025	13:37	LB137426
	Potassium	24200	25000	97	90 - 110	P	10/03/2025	13:37	LB137426
	Selenium	5050	5000	101	90 - 110	P	10/03/2025	13:37	LB137426
	Silver	1230	1250	98	90 - 110	P	10/03/2025	13:37	LB137426
	Sodium	24400	25000	97	90 - 110	P	10/03/2025	13:37	LB137426
	Thallium	4650	5000	93	90 - 110	P	10/03/2025	13:37	LB137426
	Vanadium	2480	2500	99	90 - 110	P	10/03/2025	13:37	LB137426
	Zinc	2480	2500	99	90 - 110	P	10/03/2025	13:37	LB137426
CCV02	Aluminum	9920	10000	99	90 - 110	P	10/03/2025	15:00	LB137426
	Antimony	4990	5000	100	90 - 110	P	10/03/2025	15:00	LB137426
	Arsenic	4990	5000	100	90 - 110	P	10/03/2025	15:00	LB137426
	Barium	9880	10000	99	90 - 110	P	10/03/2025	15:00	LB137426
	Beryllium	244	250	98	90 - 110	P	10/03/2025	15:00	LB137426
	Cadmium	2460	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Calcium	24700	25000	99	90 - 110	P	10/03/2025	15:00	LB137426
	Chromium	984	1000	98	90 - 110	P	10/03/2025	15:00	LB137426
	Cobalt	2450	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Copper	1240	1250	99	90 - 110	P	10/03/2025	15:00	LB137426
	Iron	4860	5000	97	90 - 110	P	10/03/2025	15:00	LB137426
	Lead	4890	5000	98	90 - 110	P	10/03/2025	15:00	LB137426

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24400	25000	98	90 - 110	P	10/03/2025	15:00	LB137426
	Manganese	2440	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Nickel	2450	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
	Potassium	24400	25000	98	90 - 110	P	10/03/2025	15:00	LB137426
	Selenium	5040	5000	101	90 - 110	P	10/03/2025	15:00	LB137426
	Silver	1230	1250	98	90 - 110	P	10/03/2025	15:00	LB137426
	Sodium	24300	25000	97	90 - 110	P	10/03/2025	15:00	LB137426
	Thallium	4580	5000	92	90 - 110	P	10/03/2025	15:00	LB137426
	Vanadium	2470	2500	99	90 - 110	P	10/03/2025	15:00	LB137426
	Zinc	2450	2500	98	90 - 110	P	10/03/2025	15:00	LB137426
CCV03	Aluminum	9680	10000	97	90 - 110	P	10/03/2025	15:51	LB137426
	Antimony	5140	5000	103	90 - 110	P	10/03/2025	15:51	LB137426
	Arsenic	5080	5000	102	90 - 110	P	10/03/2025	15:51	LB137426
	Barium	10000	10000	100	90 - 110	P	10/03/2025	15:51	LB137426
	Beryllium	239	250	96	90 - 110	P	10/03/2025	15:51	LB137426
	Cadmium	2440	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Calcium	24200	25000	97	90 - 110	P	10/03/2025	15:51	LB137426
	Chromium	972	1000	97	90 - 110	P	10/03/2025	15:51	LB137426
	Cobalt	2450	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Copper	1250	1250	100	90 - 110	P	10/03/2025	15:51	LB137426
	Iron	5230	5000	105	90 - 110	P	10/03/2025	15:51	LB137426
	Lead	4860	5000	97	90 - 110	P	10/03/2025	15:51	LB137426
	Magnesium	23500	25000	94	90 - 110	P	10/03/2025	15:51	LB137426
	Manganese	2420	2500	97	90 - 110	P	10/03/2025	15:51	LB137426
	Nickel	2450	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Potassium	25700	25000	103	90 - 110	P	10/03/2025	15:51	LB137426
	Selenium	5170	5000	103	90 - 110	P	10/03/2025	15:51	LB137426
	Silver	1240	1250	99	90 - 110	P	10/03/2025	15:51	LB137426
	Sodium	27300	25000	109	90 - 110	P	10/03/2025	15:51	LB137426
	Thallium	5250	5000	105	90 - 110	P	10/03/2025	15:51	LB137426
	Vanadium	2450	2500	98	90 - 110	P	10/03/2025	15:51	LB137426
	Zinc	2490	2500	100	90 - 110	P	10/03/2025	15:51	LB137426
CCV04	Aluminum	9420	10000	94	90 - 110	P	10/03/2025	16:45	LB137426
	Antimony	5020	5000	100	90 - 110	P	10/03/2025	16:45	LB137426

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith
Contract: CAMP02
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3257
Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4930	5000	99	90 - 110	P	10/03/2025	16:45	LB137426
	Barium	9780	10000	98	90 - 110	P	10/03/2025	16:45	LB137426
	Beryllium	234	250	93	90 - 110	P	10/03/2025	16:45	LB137426
	Cadmium	2360	2500	94	90 - 110	P	10/03/2025	16:45	LB137426
	Calcium	23600	25000	94	90 - 110	P	10/03/2025	16:45	LB137426
	Chromium	938	1000	94	90 - 110	P	10/03/2025	16:45	LB137426
	Cobalt	2370	2500	95	90 - 110	P	10/03/2025	16:45	LB137426
	Copper	1210	1250	97	90 - 110	P	10/03/2025	16:45	LB137426
	Iron	5120	5000	102	90 - 110	P	10/03/2025	16:45	LB137426
	Lead	4700	5000	94	90 - 110	P	10/03/2025	16:45	LB137426
	Magnesium	22700	25000	91	90 - 110	P	10/03/2025	16:45	LB137426
	Manganese	2370	2500	95	90 - 110	P	10/03/2025	16:45	LB137426
	Nickel	2370	2500	95	90 - 110	P	10/03/2025	16:45	LB137426
	Potassium	24100	25000	96	90 - 110	P	10/03/2025	16:45	LB137426
	Selenium	5060	5000	101	90 - 110	P	10/03/2025	16:45	LB137426
	Silver	1210	1250	97	90 - 110	P	10/03/2025	16:45	LB137426
	Sodium	25400	25000	102	90 - 110	P	10/03/2025	16:45	LB137426
	Thallium	5250	5000	105	90 - 110	P	10/03/2025	16:45	LB137426
	Vanadium	2390	2500	96	90 - 110	P	10/03/2025	16:45	LB137426
	Zinc	2420	2500	97	90 - 110	P	10/03/2025	16:45	LB137426

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7920	8000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Antimony	4110	4000	103	90 - 110	P	10/07/2025	10:54	LB137447
	Arsenic	4000	4000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Barium	7940	8000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Beryllium	201	200	100	90 - 110	P	10/07/2025	10:54	LB137447
	Cadmium	1980	2000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Calcium	19900	20000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Chromium	817	800	102	90 - 110	P	10/07/2025	10:54	LB137447
	Cobalt	1980	2000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Copper	1020	1000	102	90 - 110	P	10/07/2025	10:54	LB137447
	Iron	4130	4000	103	90 - 110	P	10/07/2025	10:54	LB137447
	Lead	3890	4000	97	90 - 110	P	10/07/2025	10:54	LB137447
	Magnesium	19900	20000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Manganese	1990	2000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Nickel	1980	2000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Potassium	20200	20000	101	90 - 110	P	10/07/2025	10:54	LB137447
	Selenium	4000	4000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Silver	1030	1000	103	90 - 110	P	10/07/2025	10:54	LB137447
	Sodium	20100	20000	100	90 - 110	P	10/07/2025	10:54	LB137447
	Thallium	3720	4000	93	90 - 110	P	10/07/2025	10:54	LB137447
	Vanadium	1980	2000	99	90 - 110	P	10/07/2025	10:54	LB137447
	Zinc	2020	2000	101	90 - 110	P	10/07/2025	10:54	LB137447

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	92.2	100	92	80 - 120	P	10/07/2025	12:01	LB137447
	Antimony	49.4	50.0	99	80 - 120	P	10/07/2025	12:01	LB137447
	Arsenic	18.4	20.0	92	80 - 120	P	10/07/2025	12:01	LB137447
	Barium	95.7	100	96	80 - 120	P	10/07/2025	12:01	LB137447
	Beryllium	6.20	6.0	103	80 - 120	P	10/07/2025	12:01	LB137447
	Cadmium	5.85	6.0	98	80 - 120	P	10/07/2025	12:01	LB137447
	Calcium	2020	2000	101	80 - 120	P	10/07/2025	12:01	LB137447
	Chromium	9.65	10.0	96	80 - 120	P	10/07/2025	12:01	LB137447
	Cobalt	29.0	30.0	97	80 - 120	P	10/07/2025	12:01	LB137447
	Copper	21.9	20.0	110	80 - 120	P	10/07/2025	12:01	LB137447
	Iron	119	100	119	80 - 120	P	10/07/2025	12:01	LB137447
	Lead	11.1	12.0	93	80 - 120	P	10/07/2025	12:01	LB137447
	Magnesium	2070	2000	104	80 - 120	P	10/07/2025	12:01	LB137447
	Manganese	20.8	20.0	104	80 - 120	P	10/07/2025	12:01	LB137447
	Nickel	39.6	40.0	99	80 - 120	P	10/07/2025	12:01	LB137447
	Potassium	1910	2000	95	80 - 120	P	10/07/2025	12:01	LB137447
	Selenium	23.6	20.0	118	80 - 120	P	10/07/2025	12:01	LB137447
	Silver	9.88	10.0	99	80 - 120	P	10/07/2025	12:01	LB137447
	Sodium	1890	2000	94	80 - 120	P	10/07/2025	12:01	LB137447
	Thallium	43.0	40.0	107	80 - 120	P	10/07/2025	12:01	LB137447
	Vanadium	37.3	40.0	93	80 - 120	P	10/07/2025	12:01	LB137447
	Zinc	36.9	40.0	92	80 - 120	P	10/07/2025	12:01	LB137447

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	10/07/2025	12:50	LB137447
	Antimony	5050	5000	101	90 - 110	P	10/07/2025	12:50	LB137447
	Arsenic	5080	5000	102	90 - 110	P	10/07/2025	12:50	LB137447
	Barium	9980	10000	100	90 - 110	P	10/07/2025	12:50	LB137447
	Beryllium	252	250	101	90 - 110	P	10/07/2025	12:50	LB137447
	Cadmium	2510	2500	100	90 - 110	P	10/07/2025	12:50	LB137447
	Calcium	25200	25000	101	90 - 110	P	10/07/2025	12:50	LB137447
	Chromium	1030	1000	103	90 - 110	P	10/07/2025	12:50	LB137447
	Cobalt	2490	2500	100	90 - 110	P	10/07/2025	12:50	LB137447
	Copper	1270	1250	101	90 - 110	P	10/07/2025	12:50	LB137447
	Iron	5200	5000	104	90 - 110	P	10/07/2025	12:50	LB137447
	Lead	4980	5000	100	90 - 110	P	10/07/2025	12:50	LB137447
	Magnesium	25200	25000	101	90 - 110	P	10/07/2025	12:50	LB137447
	Manganese	2490	2500	100	90 - 110	P	10/07/2025	12:50	LB137447
	Nickel	2490	2500	100	90 - 110	P	10/07/2025	12:50	LB137447
	Potassium	25500	25000	102	90 - 110	P	10/07/2025	12:50	LB137447
	Selenium	5150	5000	103	90 - 110	P	10/07/2025	12:50	LB137447
	Silver	1280	1250	103	90 - 110	P	10/07/2025	12:50	LB137447
	Sodium	25600	25000	102	90 - 110	P	10/07/2025	12:50	LB137447
	Thallium	4870	5000	97	90 - 110	P	10/07/2025	12:50	LB137447
	Vanadium	2520	2500	101	90 - 110	P	10/07/2025	12:50	LB137447
	Zinc	2600	2500	104	90 - 110	P	10/07/2025	12:50	LB137447
CCV02	Aluminum	9930	10000	99	90 - 110	P	10/07/2025	14:19	LB137447
	Antimony	5050	5000	101	90 - 110	P	10/07/2025	14:19	LB137447
	Arsenic	5080	5000	102	90 - 110	P	10/07/2025	14:19	LB137447
	Barium	9770	10000	98	90 - 110	P	10/07/2025	14:19	LB137447
	Beryllium	250	250	100	90 - 110	P	10/07/2025	14:19	LB137447
	Cadmium	2510	2500	100	90 - 110	P	10/07/2025	14:19	LB137447
	Calcium	24900	25000	100	90 - 110	P	10/07/2025	14:19	LB137447
	Chromium	1030	1000	103	90 - 110	P	10/07/2025	14:19	LB137447
	Cobalt	2480	2500	99	90 - 110	P	10/07/2025	14:19	LB137447
	Copper	1260	1250	101	90 - 110	P	10/07/2025	14:19	LB137447
	Iron	5340	5000	107	90 - 110	P	10/07/2025	14:19	LB137447
	Lead	4960	5000	99	90 - 110	P	10/07/2025	14:19	LB137447

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24900	25000	100	90 - 110	P	10/07/2025	14:19	LB137447
	Manganese	2480	2500	99	90 - 110	P	10/07/2025	14:19	LB137447
	Nickel	2490	2500	100	90 - 110	P	10/07/2025	14:19	LB137447
	Potassium	26100	25000	104	90 - 110	P	10/07/2025	14:19	LB137447
	Selenium	5190	5000	104	90 - 110	P	10/07/2025	14:19	LB137447
	Silver	1290	1250	103	90 - 110	P	10/07/2025	14:19	LB137447
	Sodium	25000	25000	100	90 - 110	P	10/07/2025	14:19	LB137447
	Thallium	5200	5000	104	90 - 110	P	10/07/2025	14:19	LB137447
	Vanadium	2500	2500	100	90 - 110	P	10/07/2025	14:19	LB137447
	Zinc	2600	2500	104	90 - 110	P	10/07/2025	14:19	LB137447
CCV03	Aluminum	10000	10000	100	90 - 110	P	10/07/2025	15:08	LB137447
	Antimony	4960	5000	99	90 - 110	P	10/07/2025	15:08	LB137447
	Arsenic	4970	5000	99	90 - 110	P	10/07/2025	15:08	LB137447
	Barium	9860	10000	99	90 - 110	P	10/07/2025	15:08	LB137447
	Beryllium	253	250	101	90 - 110	P	10/07/2025	15:08	LB137447
	Cadmium	2440	2500	98	90 - 110	P	10/07/2025	15:08	LB137447
	Calcium	25100	25000	100	90 - 110	P	10/07/2025	15:08	LB137447
	Chromium	1010	1000	101	90 - 110	P	10/07/2025	15:08	LB137447
	Cobalt	2420	2500	97	90 - 110	P	10/07/2025	15:08	LB137447
	Copper	1240	1250	99	90 - 110	P	10/07/2025	15:08	LB137447
	Iron	5120	5000	102	90 - 110	P	10/07/2025	15:08	LB137447
	Lead	4840	5000	97	90 - 110	P	10/07/2025	15:08	LB137447
	Magnesium	25100	25000	101	90 - 110	P	10/07/2025	15:08	LB137447
	Manganese	2510	2500	100	90 - 110	P	10/07/2025	15:08	LB137447
	Nickel	2430	2500	97	90 - 110	P	10/07/2025	15:08	LB137447
	Potassium	24200	25000	97	90 - 110	P	10/07/2025	15:08	LB137447
	Selenium	5070	5000	101	90 - 110	P	10/07/2025	15:08	LB137447
	Silver	1250	1250	100	90 - 110	P	10/07/2025	15:08	LB137447
	Sodium	23700	25000	95	90 - 110	P	10/07/2025	15:08	LB137447
	Thallium	4850	5000	97	90 - 110	P	10/07/2025	15:08	LB137447
CCV04	Vanadium	2540	2500	102	90 - 110	P	10/07/2025	15:08	LB137447
	Zinc	2520	2500	101	90 - 110	P	10/07/2025	15:08	LB137447
	Aluminum	9980	10000	100	90 - 110	P	10/07/2025	16:00	LB137447
	Antimony	5080	5000	102	90 - 110	P	10/07/2025	16:00	LB137447

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5090	5000	102	90 - 110	P	10/07/2025	16:00	LB137447
	Barium	9920	10000	99	90 - 110	P	10/07/2025	16:00	LB137447
	Beryllium	254	250	102	90 - 110	P	10/07/2025	16:00	LB137447
	Cadmium	2490	2500	100	90 - 110	P	10/07/2025	16:00	LB137447
	Calcium	25100	25000	100	90 - 110	P	10/07/2025	16:00	LB137447
	Chromium	1020	1000	102	90 - 110	P	10/07/2025	16:00	LB137447
	Cobalt	2480	2500	99	90 - 110	P	10/07/2025	16:00	LB137447
	Copper	1260	1250	101	90 - 110	P	10/07/2025	16:00	LB137447
	Iron	5080	5000	102	90 - 110	P	10/07/2025	16:00	LB137447
	Lead	4950	5000	99	90 - 110	P	10/07/2025	16:00	LB137447
	Magnesium	25200	25000	101	90 - 110	P	10/07/2025	16:00	LB137447
	Manganese	2530	2500	101	90 - 110	P	10/07/2025	16:00	LB137447
	Nickel	2480	2500	99	90 - 110	P	10/07/2025	16:00	LB137447
	Potassium	24300	25000	97	90 - 110	P	10/07/2025	16:00	LB137447
	Selenium	5180	5000	104	90 - 110	P	10/07/2025	16:00	LB137447
	Silver	1260	1250	101	90 - 110	P	10/07/2025	16:00	LB137447
	Sodium	23700	25000	95	90 - 110	P	10/07/2025	16:00	LB137447
	Thallium	5000	5000	100	90 - 110	P	10/07/2025	16:00	LB137447
	Vanadium	2540	2500	102	90 - 110	P	10/07/2025	16:00	LB137447
	Zinc	2550	2500	102	90 - 110	P	10/07/2025	16:00	LB137447
CCV05	Aluminum	9820	10000	98	90 - 110	P	10/07/2025	16:50	LB137447
	Antimony	4960	5000	99	90 - 110	P	10/07/2025	16:50	LB137447
	Arsenic	5000	5000	100	90 - 110	P	10/07/2025	16:50	LB137447
	Barium	9540	10000	95	90 - 110	P	10/07/2025	16:50	LB137447
	Beryllium	245	250	98	90 - 110	P	10/07/2025	16:50	LB137447
	Cadmium	2480	2500	99	90 - 110	P	10/07/2025	16:50	LB137447
	Calcium	24500	25000	98	90 - 110	P	10/07/2025	16:50	LB137447
	Chromium	1030	1000	103	90 - 110	P	10/07/2025	16:50	LB137447
	Cobalt	2450	2500	98	90 - 110	P	10/07/2025	16:50	LB137447
	Copper	1250	1250	100	90 - 110	P	10/07/2025	16:50	LB137447
	Iron	5320	5000	106	90 - 110	P	10/07/2025	16:50	LB137447
	Lead	4890	5000	98	90 - 110	P	10/07/2025	16:50	LB137447
	Magnesium	24700	25000	99	90 - 110	P	10/07/2025	16:50	LB137447
	Manganese	2430	2500	97	90 - 110	P	10/07/2025	16:50	LB137447

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

Contract: CAMP02

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

SDG No.: Q3257

Lab Code: ACE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2460	2500	98	90 - 110	P	10/07/2025	16:50	LB137447
	Potassium	26200	25000	105	90 - 110	P	10/07/2025	16:50	LB137447
	Selenium	5090	5000	102	90 - 110	P	10/07/2025	16:50	LB137447
	Silver	1280	1250	103	90 - 110	P	10/07/2025	16:50	LB137447
	Sodium	26000	25000	104	90 - 110	P	10/07/2025	16:50	LB137447
	Thallium	5150	5000	103	90 - 110	P	10/07/2025	16:50	LB137447
	Vanadium	2490	2500	99	90 - 110	P	10/07/2025	16:50	LB137447
	Zinc	2620	2500	105	90 - 110	P	10/07/2025	16:50	LB137447
CCV06	Aluminum	9870	10000	99	90 - 110	P	10/07/2025	17:49	LB137447
	Antimony	5030	5000	100	90 - 110	P	10/07/2025	17:49	LB137447
	Arsenic	5040	5000	101	90 - 110	P	10/07/2025	17:49	LB137447
	Barium	9460	10000	95	90 - 110	P	10/07/2025	17:49	LB137447
	Beryllium	244	250	98	90 - 110	P	10/07/2025	17:49	LB137447
	Cadmium	2460	2500	98	90 - 110	P	10/07/2025	17:49	LB137447
	Calcium	24400	25000	98	90 - 110	P	10/07/2025	17:49	LB137447
	Chromium	1000	1000	100	90 - 110	P	10/07/2025	17:49	LB137447
	Cobalt	2440	2500	98	90 - 110	P	10/07/2025	17:49	LB137447
	Copper	1250	1250	100	90 - 110	P	10/07/2025	17:49	LB137447
	Iron	4840	5000	97	90 - 110	P	10/07/2025	17:49	LB137447
	Lead	4880	5000	98	90 - 110	P	10/07/2025	17:49	LB137447
	Magnesium	24700	25000	99	90 - 110	P	10/07/2025	17:49	LB137447
	Manganese	2420	2500	97	90 - 110	P	10/07/2025	17:49	LB137447
	Nickel	2450	2500	98	90 - 110	P	10/07/2025	17:49	LB137447
	Potassium	25200	25000	101	90 - 110	P	10/07/2025	17:49	LB137447
	Selenium	5150	5000	103	90 - 110	P	10/07/2025	17:49	LB137447
	Silver	1230	1250	98	90 - 110	P	10/07/2025	17:49	LB137447
	Sodium	23800	25000	95	90 - 110	P	10/07/2025	17:49	LB137447
	Thallium	4750	5000	95	90 - 110	P	10/07/2025	17:49	LB137447
	Vanadium	2460	2500	98	90 - 110	P	10/07/2025	17:49	LB137447
	Zinc	2480	2500	99	90 - 110	P	10/07/2025	17:49	LB137447
CCV07	Aluminum	9840	10000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Antimony	5100	5000	102	90 - 110	P	10/07/2025	18:44	LB137447
	Arsenic	5120	5000	102	90 - 110	P	10/07/2025	18:44	LB137447
	Barium	9570	10000	96	90 - 110	P	10/07/2025	18:44	LB137447

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	244	250	98	90 - 110	P	10/07/2025	18:44	LB137447
	Cadmium	2470	2500	99	90 - 110	P	10/07/2025	18:44	LB137447
	Calcium	24400	25000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Chromium	997	1000	100	90 - 110	P	10/07/2025	18:44	LB137447
	Cobalt	2460	2500	98	90 - 110	P	10/07/2025	18:44	LB137447
	Copper	1260	1250	101	90 - 110	P	10/07/2025	18:44	LB137447
	Iron	4950	5000	99	90 - 110	P	10/07/2025	18:44	LB137447
	Lead	4920	5000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Magnesium	24600	25000	98	90 - 110	P	10/07/2025	18:44	LB137447
	Manganese	2440	2500	98	90 - 110	P	10/07/2025	18:44	LB137447
	Nickel	2470	2500	99	90 - 110	P	10/07/2025	18:44	LB137447
	Potassium	24000	25000	96	90 - 110	P	10/07/2025	18:44	LB137447
	Selenium	5280	5000	106	90 - 110	P	10/07/2025	18:44	LB137447
	Silver	1230	1250	98	90 - 110	P	10/07/2025	18:44	LB137447
	Sodium	23100	25000	92	90 - 110	P	10/07/2025	18:44	LB137447
	Thallium	5050	5000	101	90 - 110	P	10/07/2025	18:44	LB137447
	Vanadium	2480	2500	99	90 - 110	P	10/07/2025	18:44	LB137447
	Zinc	2480	2500	99	90 - 110	P	10/07/2025	18:44	LB137447
CCV08	Aluminum	9510	10000	95	90 - 110	P	10/07/2025	19:20	LB137447
	Antimony	4850	5000	97	90 - 110	P	10/07/2025	19:20	LB137447
	Arsenic	4850	5000	97	90 - 110	P	10/07/2025	19:20	LB137447
	Barium	9160	10000	92	90 - 110	P	10/07/2025	19:20	LB137447
	Beryllium	238	250	95	90 - 110	P	10/07/2025	19:20	LB137447
	Cadmium	2370	2500	95	90 - 110	P	10/07/2025	19:20	LB137447
	Calcium	23500	25000	94	90 - 110	P	10/07/2025	19:20	LB137447
	Chromium	967	1000	97	90 - 110	P	10/07/2025	19:20	LB137447
	Cobalt	2360	2500	94	90 - 110	P	10/07/2025	19:20	LB137447
	Copper	1210	1250	96	90 - 110	P	10/07/2025	19:20	LB137447
	Iron	4810	5000	96	90 - 110	P	10/07/2025	19:20	LB137447
	Lead	4720	5000	94	90 - 110	P	10/07/2025	19:20	LB137447
	Magnesium	23900	25000	96	90 - 110	P	10/07/2025	19:20	LB137447
	Manganese	2350	2500	94	90 - 110	P	10/07/2025	19:20	LB137447
	Nickel	2360	2500	94	90 - 110	P	10/07/2025	19:20	LB137447
	Potassium	23100	25000	92	90 - 110	P	10/07/2025	19:20	LB137447

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4950	5000	99	90 - 110	P	10/07/2025	19:20	LB137447
	Silver	1200	1250	96	90 - 110	P	10/07/2025	19:20	LB137447
	Sodium	22400	25000	90	90 - 110	P	10/07/2025	19:20	LB137447
	Thallium	4540	5000	91	90 - 110	P	10/07/2025	19:20	LB137447
	Vanadium	2380	2500	95	90 - 110	P	10/07/2025	19:20	LB137447
	Zinc	2420	2500	97	90 - 110	P	10/07/2025	19:20	LB137447

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.22	0.2	110	70 - 130	CV	10/01/2025	09:20	LB137376
CRI01	Aluminum	116	100	116	65 - 135	P	10/02/2025	11:36	LB137406
	Antimony	53.4	50.0	107	65 - 135	P	10/02/2025	11:36	LB137406
	Arsenic	23.1	20.0	116	65 - 135	P	10/02/2025	11:36	LB137406
	Barium	113	100	113	65 - 135	P	10/02/2025	11:36	LB137406
	Beryllium	6.95	6.0	116	65 - 135	P	10/02/2025	11:36	LB137406
	Cadmium	6.02	6.0	100	65 - 135	P	10/02/2025	11:36	LB137406
	Calcium	2080	2000	104	65 - 135	P	10/02/2025	11:36	LB137406
	Chromium	10.5	10.0	105	65 - 135	P	10/02/2025	11:36	LB137406
	Cobalt	30.2	30.0	101	65 - 135	P	10/02/2025	11:36	LB137406
	Copper	22.5	20.0	112	65 - 135	P	10/02/2025	11:36	LB137406
	Iron	88.5	100	88	65 - 135	P	10/02/2025	11:36	LB137406
	Lead	13.3	12.0	111	65 - 135	P	10/02/2025	11:36	LB137406
	Magnesium	2250	2000	112	65 - 135	P	10/02/2025	11:36	LB137406
	Manganese	21.0	20.0	105	65 - 135	P	10/02/2025	11:36	LB137406
	Nickel	40.8	40.0	102	65 - 135	P	10/02/2025	11:36	LB137406
	Potassium	1530	2000	77	65 - 135	P	10/02/2025	11:36	LB137406
	Selenium	23.8	20.0	119	65 - 135	P	10/02/2025	11:36	LB137406
	Silver	10.3	10.0	103	65 - 135	P	10/02/2025	11:36	LB137406
	Sodium	1490	2000	74	65 - 135	P	10/02/2025	11:36	LB137406
	Thallium	46.6	40.0	117	65 - 135	P	10/02/2025	11:36	LB137406
	Vanadium	37.2	40.0	93	65 - 135	P	10/02/2025	11:36	LB137406
	Zinc	41.5	40.0	104	65 - 135	P	10/02/2025	11:36	LB137406
CRI01	Aluminum	118	100	118	65 - 135	P	10/03/2025	13:16	LB137426
	Antimony	50.6	50.0	101	65 - 135	P	10/03/2025	13:16	LB137426
	Arsenic	21.4	20.0	107	65 - 135	P	10/03/2025	13:16	LB137426
	Barium	100	100	100	65 - 135	P	10/03/2025	13:16	LB137426
	Beryllium	6.49	6.0	108	65 - 135	P	10/03/2025	13:16	LB137426
	Cadmium	6.04	6.0	101	65 - 135	P	10/03/2025	13:16	LB137426
	Calcium	2060	2000	103	65 - 135	P	10/03/2025	13:16	LB137426
	Chromium	9.90	10.0	99	65 - 135	P	10/03/2025	13:16	LB137426
	Cobalt	29.7	30.0	99	65 - 135	P	10/03/2025	13:16	LB137426
	Copper	21.2	20.0	106	65 - 135	P	10/03/2025	13:16	LB137426
	Iron	91.2	100	91	65 - 135	P	10/03/2025	13:16	LB137426
	Lead	10.2	12.0	85	65 - 135	P	10/03/2025	13:16	LB137426

Metals
- 2b -
CRDL STANDARD FOR AA & ICP

Client: CDM Smith **SDG No.:** Q3257
Contract: CAMP02 **Lab Code:** ACE
Initial Calibration Source: _____
Continuing Calibration Source: _____

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2140	2000	107	65 - 135	P	10/03/2025	13:16	LB137426
	Manganese	21.0	20.0	105	65 - 135	P	10/03/2025	13:16	LB137426
	Nickel	40.9	40.0	102	65 - 135	P	10/03/2025	13:16	LB137426
	Potassium	1890	2000	94	65 - 135	P	10/03/2025	13:16	LB137426
	Selenium	21.2	20.0	106	65 - 135	P	10/03/2025	13:16	LB137426
	Silver	10.5	10.0	105	65 - 135	P	10/03/2025	13:16	LB137426
	Sodium	1910	2000	95	65 - 135	P	10/03/2025	13:16	LB137426
	Thallium	39.4	40.0	98	65 - 135	P	10/03/2025	13:16	LB137426
	Vanadium	39.8	40.0	100	65 - 135	P	10/03/2025	13:16	LB137426
	Zinc	42.0	40.0	105	65 - 135	P	10/03/2025	13:16	LB137426
CRI01	Aluminum	90.0	100	90	65 - 135	P	10/07/2025	12:10	LB137447
	Antimony	49.9	50.0	100	65 - 135	P	10/07/2025	12:10	LB137447
	Arsenic	17.7	20.0	88	65 - 135	P	10/07/2025	12:10	LB137447
	Barium	97.4	100	97	65 - 135	P	10/07/2025	12:10	LB137447
	Beryllium	6.27	6.0	104	65 - 135	P	10/07/2025	12:10	LB137447
	Cadmium	5.96	6.0	99	65 - 135	P	10/07/2025	12:10	LB137447
	Calcium	2040	2000	102	65 - 135	P	10/07/2025	12:10	LB137447
	Chromium	9.90	10.0	99	65 - 135	P	10/07/2025	12:10	LB137447
	Cobalt	29.6	30.0	99	65 - 135	P	10/07/2025	12:10	LB137447
	Copper	22.2	20.0	111	65 - 135	P	10/07/2025	12:10	LB137447
	Iron	123	100	123	65 - 135	P	10/07/2025	12:10	LB137447
	Lead	12.1	12.0	101	65 - 135	P	10/07/2025	12:10	LB137447
	Magnesium	2090	2000	104	65 - 135	P	10/07/2025	12:10	LB137447
	Manganese	20.9	20.0	105	65 - 135	P	10/07/2025	12:10	LB137447
	Nickel	40.1	40.0	100	65 - 135	P	10/07/2025	12:10	LB137447
	Potassium	1880	2000	94	65 - 135	P	10/07/2025	12:10	LB137447
	Selenium	22.6	20.0	113	65 - 135	P	10/07/2025	12:10	LB137447
	Silver	9.85	10.0	98	65 - 135	P	10/07/2025	12:10	LB137447
	Sodium	1910	2000	95	65 - 135	P	10/07/2025	12:10	LB137447
	Thallium	45.0	40.0	113	65 - 135	P	10/07/2025	12:10	LB137447
	Vanadium	37.6	40.0	94	65 - 135	P	10/07/2025	12:10	LB137447
	Zinc	37.9	40.0	95	65 - 135	P	10/07/2025	12:10	LB137447



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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB53	Mercury	0.076	+/-0.2	U	0.20	CV	10/01/2025	09:12	LB137376

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB67	Mercury	0.076	+/-0.2	U	0.20	CV	10/01/2025	09:17	LB137376
CCB68	Mercury	0.076	+/-0.2	U	0.20	CV	10/01/2025	09:47	LB137376
CCB69	Mercury	0.076	+/-0.2	U	0.20	CV	10/01/2025	10:09	LB137376

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	17.8	+/-50	J	100	P	10/02/2025	11:27	LB137406
	Antimony	6.76	+/-25	U	50.0	P	10/02/2025	11:27	LB137406
	Arsenic	5.12	+/-10	U	20.0	P	10/02/2025	11:27	LB137406
	Barium	15.3	+/-50	J	100	P	10/02/2025	11:27	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	11:27	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	11:27	LB137406
	Calcium	234	+/-1000	U	2000	P	10/02/2025	11:27	LB137406
	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	11:27	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	11:27	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	11:27	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	11:27	LB137406
	Lead	3.04	+/-6	J	12.0	P	10/02/2025	11:27	LB137406
	Magnesium	244	+/-1000	U	2000	P	10/02/2025	11:27	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	11:27	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	11:27	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	11:27	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	11:27	LB137406
	Silver	1.62	+/-5	U	10.0	P	10/02/2025	11:27	LB137406
	Sodium	868	+/-1000	U	2000	P	10/02/2025	11:27	LB137406
	Thallium	4.38	+/-20	U	40.0	P	10/02/2025	11:27	LB137406
	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	11:27	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	11:27	LB137406

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	10/02/2025	12:02	LB137406
	Antimony	6.76	+/-25	U	50.0	P	10/02/2025	12:02	LB137406
	Arsenic	5.12	+/-10	U	20.0	P	10/02/2025	12:02	LB137406
	Barium	14.6	+/-50	U	100	P	10/02/2025	12:02	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	12:02	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	12:02	LB137406
	Calcium	234	+/-1000	U	2000	P	10/02/2025	12:02	LB137406
	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	12:02	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	12:02	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	12:02	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	12:02	LB137406
	Lead	2.30	+/-6	U	12.0	P	10/02/2025	12:02	LB137406
	Magnesium	244	+/-1000	U	2000	P	10/02/2025	12:02	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	12:02	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	12:02	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	12:02	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	12:02	LB137406
	Silver	1.62	+/-5	U	10.0	P	10/02/2025	12:02	LB137406
	Sodium	868	+/-1000	U	2000	P	10/02/2025	12:02	LB137406
	Thallium	4.38	+/-20	U	40.0	P	10/02/2025	12:02	LB137406
	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	12:02	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	12:02	LB137406
CCB02	Aluminum	11.3	+/-50	U	100	P	10/02/2025	13:52	LB137406
	Antimony	7.17	+/-25	J	50.0	P	10/02/2025	13:52	LB137406
	Arsenic	5.12	+/-10	U	20.0	P	10/02/2025	13:52	LB137406
	Barium	36.1	+/-50	J	100	P	10/02/2025	13:52	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	13:52	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	13:52	LB137406
	Calcium	234	+/-1000	U	2000	P	10/02/2025	13:52	LB137406
	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	13:52	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	13:52	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	13:52	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	13:52	LB137406
	Lead	2.30	+/-6	U	12.0	P	10/02/2025	13:52	LB137406
	Magnesium	244	+/-1000	U	2000	P	10/02/2025	13:52	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	13:52	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	13:52	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	13:52	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	13:52	LB137406

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	10/02/2025	13:52	LB137406
	Sodium	868	+/-1000	U	2000	P	10/02/2025	13:52	LB137406
	Thallium	9.07	+/-20	J	40.0	P	10/02/2025	13:52	LB137406
	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	13:52	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	13:52	LB137406
CCB03	Aluminum	11.3	+/-50	U	100	P	10/02/2025	14:53	LB137406
	Antimony	9.80	+/-25	J	50.0	P	10/02/2025	14:53	LB137406
	Arsenic	5.12	+/-10	U	20.0	P	10/02/2025	14:53	LB137406
	Barium	35.3	+/-50	J	100	P	10/02/2025	14:53	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	14:53	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	14:53	LB137406
	Calcium	234	+/-1000	U	2000	P	10/02/2025	14:53	LB137406
	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	14:53	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	14:53	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	14:53	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	14:53	LB137406
	Lead	4.60	+/-6	J	12.0	P	10/02/2025	14:53	LB137406
	Magnesium	244	+/-1000	U	2000	P	10/02/2025	14:53	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	14:53	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	14:53	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	14:53	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	14:53	LB137406
	Silver	1.62	+/-5	U	10.0	P	10/02/2025	14:53	LB137406
	Sodium	868	+/-1000	U	2000	P	10/02/2025	14:53	LB137406
	Thallium	8.77	+/-20	J	40.0	P	10/02/2025	14:53	LB137406
	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	14:53	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	14:53	LB137406
CCB04	Aluminum	11.3	+/-50	U	100	P	10/02/2025	16:05	LB137406
	Antimony	13.8	+/-25	J	50.0	P	10/02/2025	16:05	LB137406
	Arsenic	5.72	+/-10	J	20.0	P	10/02/2025	16:05	LB137406
	Barium	44.2	+/-50	J	100	P	10/02/2025	16:05	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	16:05	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	16:05	LB137406
	Calcium	234	+/-1000	U	2000	P	10/02/2025	16:05	LB137406
	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	16:05	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	16:05	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	16:05	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	16:05	LB137406
	Lead	2.67	+/-6	J	12.0	P	10/02/2025	16:05	LB137406

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	10/02/2025	16:05	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	16:05	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	16:05	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	16:05	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	16:05	LB137406
	Silver	1.62	+/-5	U	10.0	P	10/02/2025	16:05	LB137406
	Sodium	868	+/-1000	U	2000	P	10/02/2025	16:05	LB137406
	Thallium	17.5	+/-20	J	40.0	P	10/02/2025	16:05	LB137406
	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	16:05	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	16:05	LB137406
CCB05	Aluminum	20.7	+/-50	J	100	P	10/02/2025	17:35	LB137406
	Antimony	6.76	+/-25	U	50.0	P	10/02/2025	17:35	LB137406
	Arsenic	5.12	+/-10	U	20.0	P	10/02/2025	17:35	LB137406
	Barium	32.0	+/-50	J	100	P	10/02/2025	17:35	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	17:35	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	17:35	LB137406
	Calcium	234	+/-1000	U	2000	P	10/02/2025	17:35	LB137406
	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	17:35	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	17:35	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	17:35	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	17:35	LB137406
	Lead	2.81	+/-6	J	12.0	P	10/02/2025	17:35	LB137406
	Magnesium	244	+/-1000	U	2000	P	10/02/2025	17:35	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	17:35	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	17:35	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	17:35	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	17:35	LB137406
	Silver	1.62	+/-5	U	10.0	P	10/02/2025	17:35	LB137406
	Sodium	868	+/-1000	U	2000	P	10/02/2025	17:35	LB137406
	Thallium	6.83	+/-20	J	40.0	P	10/02/2025	17:35	LB137406
	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	17:35	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	17:35	LB137406
CCB06	Aluminum	11.3	+/-50	U	100	P	10/02/2025	18:21	LB137406
	Antimony	9.78	+/-25	J	50.0	P	10/02/2025	18:21	LB137406
	Arsenic	5.12	+/-10	U	20.0	P	10/02/2025	18:21	LB137406
	Barium	37.5	+/-50	J	100	P	10/02/2025	18:21	LB137406
	Beryllium	0.56	+/-3	U	6.00	P	10/02/2025	18:21	LB137406
	Cadmium	0.50	+/-3	U	6.00	P	10/02/2025	18:21	LB137406
	Calcium	234	+/-1000	U	2000	P	10/02/2025	18:21	LB137406

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	10/02/2025	18:21	LB137406
	Cobalt	2.26	+/-15	U	30.0	P	10/02/2025	18:21	LB137406
	Copper	4.60	+/-10	U	20.0	P	10/02/2025	18:21	LB137406
	Iron	23.4	+/-50	U	100	P	10/02/2025	18:21	LB137406
	Lead	3.53	+/-6	J	12.0	P	10/02/2025	18:21	LB137406
	Magnesium	244	+/-1000	U	2000	P	10/02/2025	18:21	LB137406
	Manganese	5.94	+/-10	U	20.0	P	10/02/2025	18:21	LB137406
	Nickel	3.06	+/-20	U	40.0	P	10/02/2025	18:21	LB137406
	Potassium	918	+/-1000	U	2000	P	10/02/2025	18:21	LB137406
	Selenium	9.64	+/-10	U	20.0	P	10/02/2025	18:21	LB137406
	Silver	1.62	+/-5	U	10.0	P	10/02/2025	18:21	LB137406
	Sodium	868	+/-1000	U	2000	P	10/02/2025	18:21	LB137406
	Thallium	12.0	+/-20	J	40.0	P	10/02/2025	18:21	LB137406
	Vanadium	6.26	+/-20	U	40.0	P	10/02/2025	18:21	LB137406
	Zinc	16.7	+/-20	U	40.0	P	10/02/2025	18:21	LB137406

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.6	+/-50	J	100	P	10/03/2025	13:12	LB137426
	Antimony	6.76	+/-25	U	50.0	P	10/03/2025	13:12	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	13:12	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	13:12	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	13:12	LB137426
	Calcium	234	+/-1000	U	2000	P	10/03/2025	13:12	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	13:12	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	13:12	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	13:12	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	13:12	LB137426
	Magnesium	244	+/-1000	U	2000	P	10/03/2025	13:12	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	13:12	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	13:12	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	13:12	LB137426
	Silver	1.62	+/-5	U	10.0	P	10/03/2025	13:12	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	13:12	LB137426
	Thallium	4.38	+/-20	U	40.0	P	10/03/2025	13:12	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	13:12	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	13:12	LB137426

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q3257
Contract: CAMP02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	10/03/2025	13:41	LB137426
	Antimony	6.76	+/-25	U	50.0	P	10/03/2025	13:41	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	13:41	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	13:41	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	13:41	LB137426
	Calcium	234	+/-1000	U	2000	P	10/03/2025	13:41	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	13:41	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	13:41	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	13:41	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	13:41	LB137426
	Magnesium	244	+/-1000	U	2000	P	10/03/2025	13:41	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	13:41	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	13:41	LB137426
	Silver	1.62	+/-5	U	10.0	P	10/03/2025	13:41	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	13:41	LB137426
	Thallium	4.38	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	13:41	LB137426
CCB02	Aluminum	11.3	+/-50	U	100	P	10/03/2025	15:04	LB137426
	Antimony	6.76	+/-25	U	50.0	P	10/03/2025	15:04	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	15:04	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	15:04	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	15:04	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	15:04	LB137426
	Calcium	234	+/-1000	U	2000	P	10/03/2025	15:04	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	15:04	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	15:04	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	15:04	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	15:04	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	15:04	LB137426
	Magnesium	244	+/-1000	U	2000	P	10/03/2025	15:04	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	15:04	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	15:04	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	15:04	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	15:04	LB137426

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith **SDG No.:** Q3257
Contract: CAMP02 **Lab Code:** ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	10/03/2025	15:04	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	15:04	LB137426
	Thallium	10.1	+/-20	J	40.0	P	10/03/2025	15:04	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	15:04	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	15:04	LB137426
CCB03	Aluminum	11.3	+/-50	U	100	P	10/03/2025	16:00	LB137426
	Antimony	6.76	+/-25	U	50.0	P	10/03/2025	16:00	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	16:00	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	16:00	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	16:00	LB137426
	Calcium	234	+/-1000	U	2000	P	10/03/2025	16:00	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	16:00	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	16:00	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	16:00	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	16:00	LB137426
	Magnesium	244	+/-1000	U	2000	P	10/03/2025	16:00	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	16:00	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	16:00	LB137426
	Silver	1.62	+/-5	U	10.0	P	10/03/2025	16:00	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	16:00	LB137426
	Thallium	4.38	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	16:00	LB137426
CCB04	Aluminum	11.3	+/-50	U	100	P	10/03/2025	16:49	LB137426
	Antimony	6.76	+/-25	U	50.0	P	10/03/2025	16:49	LB137426
	Arsenic	5.12	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Barium	14.6	+/-50	U	100	P	10/03/2025	16:49	LB137426
	Beryllium	0.56	+/-3	U	6.00	P	10/03/2025	16:49	LB137426
	Cadmium	0.50	+/-3	U	6.00	P	10/03/2025	16:49	LB137426
	Calcium	234	+/-1000	U	2000	P	10/03/2025	16:49	LB137426
	Chromium	2.12	+/-5	U	10.0	P	10/03/2025	16:49	LB137426
	Cobalt	2.26	+/-15	U	30.0	P	10/03/2025	16:49	LB137426
	Copper	4.60	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Iron	23.4	+/-50	U	100	P	10/03/2025	16:49	LB137426
	Lead	2.30	+/-6	U	12.0	P	10/03/2025	16:49	LB137426

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	10/03/2025	16:49	LB137426
	Manganese	5.94	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Nickel	3.06	+/-20	U	40.0	P	10/03/2025	16:49	LB137426
	Potassium	918	+/-1000	U	2000	P	10/03/2025	16:49	LB137426
	Selenium	9.64	+/-10	U	20.0	P	10/03/2025	16:49	LB137426
	Silver	1.62	+/-5	U	10.0	P	10/03/2025	16:49	LB137426
	Sodium	868	+/-1000	U	2000	P	10/03/2025	16:49	LB137426
	Thallium	4.38	+/-20	U	40.0	P	10/03/2025	16:49	LB137426
	Vanadium	6.26	+/-20	U	40.0	P	10/03/2025	16:49	LB137426
	Zinc	16.7	+/-20	U	40.0	P	10/03/2025	16:49	LB137426

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	10/07/2025	12:06	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	12:06	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	12:06	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	12:06	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	12:06	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	12:06	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	12:06	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	12:06	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	12:06	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	12:06	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	12:06	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	12:06	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	12:06	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	12:06	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	12:06	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	12:06	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	12:06	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	12:06	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	12:06	LB137447
	Thallium	5.24	+/-20	J	40.0	P	10/07/2025	12:06	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	12:06	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	12:06	LB137447

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith SDG No.: Q3257
Contract: CAMP02 Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	10/07/2025	12:58	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	12:58	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	12:58	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	12:58	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	12:58	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	12:58	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	12:58	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	12:58	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	12:58	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	12:58	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	12:58	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	12:58	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	12:58	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	12:58	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	12:58	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	12:58	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	12:58	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	12:58	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	12:58	LB137447
	Thallium	4.38	+/-20	U	40.0	P	10/07/2025	12:58	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	12:58	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	12:58	LB137447
CCB02	Aluminum	14.4	+/-50	J	100	P	10/07/2025	14:24	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	14:24	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	14:24	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	14:24	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	14:24	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	14:24	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	14:24	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	14:24	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	14:24	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	14:24	LB137447
	Iron	28.4	+/-50	J	100	P	10/07/2025	14:24	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	14:24	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	14:24	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	14:24	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	14:24	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	14:24	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	14:24	LB137447

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	10/07/2025	14:24	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	14:24	LB137447
	Thallium	5.15	+/-20	J	40.0	P	10/07/2025	14:24	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	14:24	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	14:24	LB137447
CCB03	Aluminum	11.3	+/-50	U	100	P	10/07/2025	15:12	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	15:12	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	15:12	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	15:12	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	15:12	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	15:12	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	15:12	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	15:12	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	15:12	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	15:12	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	15:12	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	15:12	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	15:12	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	15:12	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	15:12	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	15:12	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	15:12	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	15:12	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	15:12	LB137447
	Thallium	6.22	+/-20	J	40.0	P	10/07/2025	15:12	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	15:12	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	15:12	LB137447
CCB04	Aluminum	11.3	+/-50	U	100	P	10/07/2025	16:04	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	16:04	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	16:04	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	16:04	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	16:04	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	16:04	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	16:04	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	16:04	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	16:04	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	16:04	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	16:04	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	16:04	LB137447

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	10/07/2025	16:04	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	16:04	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	16:04	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	16:04	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	16:04	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	16:04	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	16:04	LB137447
	Thallium	5.51	+/-20	J	40.0	P	10/07/2025	16:04	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	16:04	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	16:04	LB137447
CCB05	Aluminum	11.3	+/-50	U	100	P	10/07/2025	17:01	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	17:01	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	17:01	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	17:01	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	17:01	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	17:01	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	17:01	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	17:01	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	17:01	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	17:01	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	17:01	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	17:01	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	17:01	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	17:01	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	17:01	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	17:01	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	17:01	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	17:01	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	17:01	LB137447
	Thallium	5.07	+/-20	J	40.0	P	10/07/2025	17:01	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	17:01	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	17:01	LB137447
CCB06	Aluminum	11.3	+/-50	U	100	P	10/07/2025	17:59	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	17:59	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	17:59	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	17:59	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	17:59	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	17:59	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	17:59	LB137447

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	17:59	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	17:59	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	17:59	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	17:59	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	17:59	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	17:59	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	17:59	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	17:59	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	17:59	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	17:59	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	17:59	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	17:59	LB137447
	Thallium	4.38	+/-20	U	40.0	P	10/07/2025	17:59	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	17:59	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	17:59	LB137447
CCB07	Aluminum	11.3	+/-50	U	100	P	10/07/2025	18:48	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	18:48	LB137447
	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	18:48	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	18:48	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	18:48	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	18:48	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	18:48	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	18:48	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	18:48	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	18:48	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	18:48	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	18:48	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	18:48	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	18:48	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	18:48	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	18:48	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	18:48	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	18:48	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	18:48	LB137447
	Thallium	4.38	+/-20	U	40.0	P	10/07/2025	18:48	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	18:48	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	18:48	LB137447
CCB08	Aluminum	11.3	+/-50	U	100	P	10/07/2025	19:24	LB137447
	Antimony	6.76	+/-25	U	50.0	P	10/07/2025	19:24	LB137447

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	10/07/2025	19:24	LB137447
	Barium	14.6	+/-50	U	100	P	10/07/2025	19:24	LB137447
	Beryllium	0.56	+/-3	U	6.00	P	10/07/2025	19:24	LB137447
	Cadmium	0.50	+/-3	U	6.00	P	10/07/2025	19:24	LB137447
	Calcium	234	+/-1000	U	2000	P	10/07/2025	19:24	LB137447
	Chromium	2.12	+/-5	U	10.0	P	10/07/2025	19:24	LB137447
	Cobalt	2.26	+/-15	U	30.0	P	10/07/2025	19:24	LB137447
	Copper	4.60	+/-10	U	20.0	P	10/07/2025	19:24	LB137447
	Iron	23.4	+/-50	U	100	P	10/07/2025	19:24	LB137447
	Lead	2.30	+/-6	U	12.0	P	10/07/2025	19:24	LB137447
	Magnesium	244	+/-1000	U	2000	P	10/07/2025	19:24	LB137447
	Manganese	5.94	+/-10	U	20.0	P	10/07/2025	19:24	LB137447
	Nickel	3.06	+/-20	U	40.0	P	10/07/2025	19:24	LB137447
	Potassium	918	+/-1000	U	2000	P	10/07/2025	19:24	LB137447
	Selenium	9.64	+/-10	U	20.0	P	10/07/2025	19:24	LB137447
	Silver	1.62	+/-5	U	10.0	P	10/07/2025	19:24	LB137447
	Sodium	868	+/-1000	U	2000	P	10/07/2025	19:24	LB137447
	Thallium	4.38	+/-20	U	40.0	P	10/07/2025	19:24	LB137447
	Vanadium	6.26	+/-20	U	40.0	P	10/07/2025	19:24	LB137447
	Zinc	16.7	+/-20	U	40.0	P	10/07/2025	19:24	LB137447

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Instrument: CV1

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169927BL		SOLID		Batch Number:	PB169927		Prep Date:	09/30/2025	
	Mercury	0.0070	<0.012	U	0.012	CV	10/01/2025	09:27	LB137376

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: CDM Smith

SDG No.: Q3257

Instrument: P4

Sample ID	Analyte	Result (mg/Kg)	Acceptance Limit	Conc Qual	CRQL mg/Kg	M	Analysis Date	Analysis Time	Run
PB169935BL	SOLID			Batch Number:	PB169935		Prep Date:	10/01/2025	
	Aluminum	0.84	<2.5	U	5.00	P	10/03/2025	14:33	LB137426
	Antimony	0.22	<1.25	U	2.50	P	10/03/2025	14:33	LB137426
	Arsenic	0.19	<0.5	U	1.00	P	10/03/2025	14:33	LB137426
	Barium	0.73	<2.5	U	5.00	P	10/03/2025	14:33	LB137426
	Beryllium	0.025	<0.15	U	0.30	P	10/03/2025	14:33	LB137426
	Cadmium	0.024	<0.15	U	0.30	P	10/03/2025	14:33	LB137426
	Calcium	11.1	<50	U	100	P	10/03/2025	14:33	LB137426
	Chromium	0.078	<0.25	J	0.50	P	10/03/2025	14:33	LB137426
	Cobalt	0.10	<0.75	U	1.50	P	10/03/2025	14:33	LB137426
	Copper	0.22	<0.5	U	1.00	P	10/03/2025	14:33	LB137426
	Iron	3.99	<2.5	U	5.00	P	10/03/2025	14:33	LB137426
	Lead	0.26	<0.3	J	0.60	P	10/03/2025	14:33	LB137426
	Magnesium	12.0	<50	U	100	P	10/03/2025	14:33	LB137426
	Manganese	0.25	<0.5	J	1.00	P	10/03/2025	14:33	LB137426
	Nickel	0.13	<1	U	2.00	P	10/03/2025	14:33	LB137426
	Potassium	27.7	<50	U	100	P	10/03/2025	14:33	LB137426
	Selenium	0.26	<0.5	U	1.00	P	10/03/2025	14:33	LB137426
	Silver	0.12	<0.25	U	0.50	P	10/03/2025	14:33	LB137426
	Sodium	17.8	<50	U	100	P	10/03/2025	14:33	LB137426
	Thallium	0.23	<1	U	2.00	P	10/03/2025	14:33	LB137426
	Vanadium	0.25	<1	U	2.00	P	10/03/2025	14:33	LB137426
	Zinc	0.23	<1	U	2.00	P	10/03/2025	14:33	LB137426

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>CDM Smith</u>	SDG No.: <u>Q3257</u>
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	245000	255000	96	216000	294000	10/02/2025	11:42	LB137406
	Antimony	1.99			-50	50	10/02/2025	11:42	LB137406
	Arsenic	5.85			-20	20	10/02/2025	11:42	LB137406
	Barium	18.7	6.0	312	-94	106	10/02/2025	11:42	LB137406
	Beryllium	1.98			-6	6	10/02/2025	11:42	LB137406
	Cadmium	-1.23	1.0	123	-5	7	10/02/2025	11:42	LB137406
	Calcium	236000	245000	96	208000	282000	10/02/2025	11:42	LB137406
	Chromium	50.8	52.0	98	42	62	10/02/2025	11:42	LB137406
	Cobalt	0.27			-30	30	10/02/2025	11:42	LB137406
	Copper	3.53	2.0	176	-18	22	10/02/2025	11:42	LB137406
	Iron	96000	101000	95	85600	116500	10/02/2025	11:42	LB137406
	Lead	-7.87			-12	12	10/02/2025	11:42	LB137406
	Magnesium	251000	255000	98	216000	294000	10/02/2025	11:42	LB137406
	Manganese	0.23	7.0	3	-13	27	10/02/2025	11:42	LB137406
	Nickel	3.41	2.0	170	-38	42	10/02/2025	11:42	LB137406
	Potassium	-102			0	0	10/02/2025	11:42	LB137406
	Selenium	-8.13			-20	20	10/02/2025	11:42	LB137406
	Silver	-3.77			-10	10	10/02/2025	11:42	LB137406
	Sodium	-181			0	0	10/02/2025	11:42	LB137406
	Thallium	14.0			-40	40	10/02/2025	11:42	LB137406
	Vanadium	2.54			-40	40	10/02/2025	11:42	LB137406
	Zinc	-0.077			-40	40	10/02/2025	11:42	LB137406
ICSAB01	Aluminum	249000	247000	101	209000	285000	10/02/2025	11:46	LB137406
	Antimony	622	618	101	525	711	10/02/2025	11:46	LB137406
	Arsenic	110	104	106	88.4	120	10/02/2025	11:46	LB137406
	Barium	515	537	96	437	637	10/02/2025	11:46	LB137406
	Beryllium	548	495	111	420	570	10/02/2025	11:46	LB137406
	Cadmium	1040	972	107	826	1120	10/02/2025	11:46	LB137406
	Calcium	240000	235000	102	199000	271000	10/02/2025	11:46	LB137406
	Chromium	594	542	110	460	624	10/02/2025	11:46	LB137406
	Cobalt	515	476	108	404	548	10/02/2025	11:46	LB137406
	Copper	510	511	100	434	588	10/02/2025	11:46	LB137406
	Iron	98300	99300	99	84400	114500	10/02/2025	11:46	LB137406
	Lead	42.6	49.0	87	37	61	10/02/2025	11:46	LB137406
	Magnesium	255000	248000	103	210000	286000	10/02/2025	11:46	LB137406
	Manganese	497	507	98	430	584	10/02/2025	11:46	LB137406
	Nickel	1030	954	108	810	1100	10/02/2025	11:46	LB137406
	Potassium	-265			0	0	10/02/2025	11:46	LB137406
	Selenium	46.7	46.0	102	26	66	10/02/2025	11:46	LB137406
	Silver	212	201	106	170	232	10/02/2025	11:46	LB137406
	Sodium	-229			0	0	10/02/2025	11:46	LB137406
	Thallium	115	108	106	68	148	10/02/2025	11:46	LB137406

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>CDM Smith</u>	SDG No.: <u>Q3257</u>
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	499	491	102	417	565	10/02/2025	11:46	LB137406
	Zinc	1060	952	111	809	1095	10/02/2025	11:46	LB137406
ICSA01	Aluminum	245000	255000	96	216000	294000	10/03/2025	13:20	LB137426
	Antimony	3.52			-50	50	10/03/2025	13:20	LB137426
	Arsenic	8.41			-20	20	10/03/2025	13:20	LB137426
	Barium	1.66	6.0	28	-94	106	10/03/2025	13:20	LB137426
	Beryllium	1.42			-6	6	10/03/2025	13:20	LB137426
	Cadmium	0.91	1.0	91	-5	7	10/03/2025	13:20	LB137426
	Calcium	236000	245000	96	208000	282000	10/03/2025	13:20	LB137426
	Chromium	46.6	52.0	90	42	62	10/03/2025	13:20	LB137426
	Cobalt	0.68			-30	30	10/03/2025	13:20	LB137426
	Copper	3.06	2.0	153	-18	22	10/03/2025	13:20	LB137426
	Iron	99600	101000	99	85600	116500	10/03/2025	13:20	LB137426
	Lead	0.97			-12	12	10/03/2025	13:20	LB137426
	Magnesium	247000	255000	97	216000	294000	10/03/2025	13:20	LB137426
	Manganese	-1.76	7.0	25	-13	27	10/03/2025	13:20	LB137426
	Nickel	3.93	2.0	196	-38	42	10/03/2025	13:20	LB137426
	Potassium	187			0	0	10/03/2025	13:20	LB137426
	Selenium	9.27			-20	20	10/03/2025	13:20	LB137426
	Silver	1.41			-10	10	10/03/2025	13:20	LB137426
	Sodium	127			0	0	10/03/2025	13:20	LB137426
	Thallium	11.3			-40	40	10/03/2025	13:20	LB137426
	Vanadium	4.84			-40	40	10/03/2025	13:20	LB137426
	Zinc	1.66			-40	40	10/03/2025	13:20	LB137426
ICSAB01	Aluminum	247000	247000	100	209000	285000	10/03/2025	13:25	LB137426
	Antimony	609	618	98	525	711	10/03/2025	13:25	LB137426
	Arsenic	110	104	106	88.4	120	10/03/2025	13:25	LB137426
	Barium	496	537	92	437	637	10/03/2025	13:25	LB137426
	Beryllium	516	495	104	420	570	10/03/2025	13:25	LB137426
	Cadmium	980	972	101	826	1120	10/03/2025	13:25	LB137426
	Calcium	235000	235000	100	199000	271000	10/03/2025	13:25	LB137426
	Chromium	553	542	102	460	624	10/03/2025	13:25	LB137426
	Cobalt	491	476	103	404	548	10/03/2025	13:25	LB137426
	Copper	484	511	95	434	588	10/03/2025	13:25	LB137426
	Iron	97500	99300	98	84400	114500	10/03/2025	13:25	LB137426
	Lead	49.1	49.0	100	37	61	10/03/2025	13:25	LB137426
	Magnesium	248000	248000	100	210000	286000	10/03/2025	13:25	LB137426
	Manganese	492	507	97	430	584	10/03/2025	13:25	LB137426
	Nickel	981	954	103	810	1100	10/03/2025	13:25	LB137426
	Potassium	15.2			0	0	10/03/2025	13:25	LB137426
	Selenium	56.4	46.0	123	26	66	10/03/2025	13:25	LB137426
	Silver	208	201	104	170	232	10/03/2025	13:25	LB137426

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>CDM Smith</u>	SDG No.: <u>Q3257</u>
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	92.2			0	0	10/03/2025	13:25	LB137426
	Thallium	105	108	97	68	148	10/03/2025	13:25	LB137426
	Vanadium	485	491	99	417	565	10/03/2025	13:25	LB137426
	Zinc	1030	952	108	809	1095	10/03/2025	13:25	LB137426
ICSA01	Aluminum	243000	255000	95	216000	294000	10/07/2025	12:14	LB137447
	Antimony	-5.05			-50	50	10/07/2025	12:14	LB137447
	Arsenic	3.53			-20	20	10/07/2025	12:14	LB137447
	Barium	-8.30	6.0	138	-94	106	10/07/2025	12:14	LB137447
	Beryllium	1.74			-6	6	10/07/2025	12:14	LB137447
	Cadmium	2.40	1.0	240	-5	7	10/07/2025	12:14	LB137447
	Calcium	234000	245000	96	208000	282000	10/07/2025	12:14	LB137447
	Chromium	47.2	52.0	91	42	62	10/07/2025	12:14	LB137447
	Cobalt	1.06			-30	30	10/07/2025	12:14	LB137447
	Copper	13.8	2.0	690	-18	22	10/07/2025	12:14	LB137447
	Iron	94400	101000	94	85600	116500	10/07/2025	12:14	LB137447
	Lead	-1.11			-12	12	10/07/2025	12:14	LB137447
	Magnesium	246000	255000	96	216000	294000	10/07/2025	12:14	LB137447
	Manganese	6.71	7.0	96	-13	27	10/07/2025	12:14	LB137447
	Nickel	2.60	2.0	130	-38	42	10/07/2025	12:14	LB137447
	Potassium	-102			0	0	10/07/2025	12:14	LB137447
	Selenium	8.06			-20	20	10/07/2025	12:14	LB137447
	Silver	-0.34			-10	10	10/07/2025	12:14	LB137447
	Sodium	-109			0	0	10/07/2025	12:14	LB137447
	Thallium	33.6			-40	40	10/07/2025	12:14	LB137447
	Vanadium	-0.97			-40	40	10/07/2025	12:14	LB137447
	Zinc	-0.92			-40	40	10/07/2025	12:14	LB137447
ICSAB01	Aluminum	247000	247000	100	209000	285000	10/07/2025	12:37	LB137447
	Antimony	604	618	98	525	711	10/07/2025	12:37	LB137447
	Arsenic	107	104	103	88.4	120	10/07/2025	12:37	LB137447
	Barium	477	537	89	437	637	10/07/2025	12:37	LB137447
	Beryllium	496	495	100	420	570	10/07/2025	12:37	LB137447
	Cadmium	990	972	102	826	1120	10/07/2025	12:37	LB137447
	Calcium	231000	235000	98	199000	271000	10/07/2025	12:37	LB137447
	Chromium	540	542	100	460	624	10/07/2025	12:37	LB137447
	Cobalt	493	476	104	404	548	10/07/2025	12:37	LB137447
	Copper	489	511	96	434	588	10/07/2025	12:37	LB137447
	Iron	97100	99300	98	84400	114500	10/07/2025	12:37	LB137447
	Lead	50.4	49.0	103	37	61	10/07/2025	12:37	LB137447
	Magnesium	246000	248000	99	210000	286000	10/07/2025	12:37	LB137447
	Manganese	477	507	94	430	584	10/07/2025	12:37	LB137447
	Nickel	982	954	103	810	1100	10/07/2025	12:37	LB137447
	Potassium	-317			0	0	10/07/2025	12:37	LB137447

Metals
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INTERFERENCE CHECK SAMPLE

Client: <u>CDM Smith</u>	SDG No.: <u>Q3257</u>
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Selenium	60.1	46.0	131	26	66	10/07/2025	12:37	LB137447
	Silver	205	201	102	170	232	10/07/2025	12:37	LB137447
	Sodium	-119			0	0	10/07/2025	12:37	LB137447
	Thallium	140	108	130	68	148	10/07/2025	12:37	LB137447
	Vanadium	475	491	97	417	565	10/07/2025	12:37	LB137447
	Zinc	1020	952	107	809	1095	10/07/2025	12:37	LB137447



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: <u>CDM Smith</u>	level: <u>low</u>	sdg no.: <u>Q3257</u>
contract: <u>CAMP02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3256-01</u>	client id: <u>SOIL-PILE-1-WCMS</u>
Percent Solids for Sample: 87.7	Spiked ID: Q3256-01MS	Percent Solids for Spike Sample: 87.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	7730		6980		95.0	790		P
Antimony	mg/Kg	75 - 125	17.8		2.42	U	38.0	47	N	P
Arsenic	mg/Kg	75 - 125	43.8		6.80		38.0	97		P
Barium	mg/Kg	75 - 125	68.3		66.9		9.5	15		P
Beryllium	mg/Kg	75 - 125	9.50		0.61		9.5	94		P
Cadmium	mg/Kg	75 - 125	10.8		0.28	J	9.5	110		P
Calcium	mg/Kg	75 - 125	8930		11400		47.5	-5176		P
Chromium	mg/Kg	75 - 125	32.6		13.0		19.0	103		P
Cobalt	mg/Kg	75 - 125	14.4		4.93		9.5	100		P
Copper	mg/Kg	75 - 125	48.8		31.6		14.3	120		P
Iron	mg/Kg	75 - 125	9340		10000		140	-504		P
Lead	mg/Kg	75 - 125	206		158		47.5	102		P
Magnesium	mg/Kg	75 - 125	1510		1400		95.0	112		P
Manganese	mg/Kg	75 - 125	132		157		9.5	-262		P
Nickel	mg/Kg	75 - 125	35.0		10.0		23.8	105		P
Potassium	mg/Kg	75 - 125	939		548		480	81		P
Selenium	mg/Kg	75 - 125	91.5		0.97	U	95.0	96		P
Silver	mg/Kg	75 - 125	2.47		0.48	U	3.6	69	N	P
Sodium	mg/Kg	75 - 125	1310		1370		140	-45		P
Thallium	mg/Kg	75 - 125	99.3		1.93	U	95.0	104		P
Vanadium	mg/Kg	75 - 125	30.8		17.6		14.3	92		P
Zinc	mg/Kg	75 - 125	117		109		9.5	84		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: <u>CDM Smith</u>	level: <u>low</u>	sdg no.: <u>Q3257</u>
contract: <u>CAMP02</u>		lab code: <u>ACE</u>
matrix: <u>Solid</u>	sample id: <u>Q3256-01</u>	client id: <u>SOIL-PILE-1-WCMSD</u>
Percent Solids for Sample: 87.7	Spiked ID: Q3256-01MSD	Percent Solids for Spike Sample: 87.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	mg/Kg	75 - 125	7310		6980		95.0	347		P
Antimony	mg/Kg	75 - 125	17.0		2.42	U	38.0	45	N	P
Arsenic	mg/Kg	75 - 125	43.2		6.80		38.0	96		P
Barium	mg/Kg	75 - 125	68.1		66.9		9.5	13		P
Beryllium	mg/Kg	75 - 125	9.08		0.61		9.5	89		P
Cadmium	mg/Kg	75 - 125	10.2		0.28	J	9.5	104		P
Calcium	mg/Kg	75 - 125	9940		11400		47.5	-3033		P
Chromium	mg/Kg	75 - 125	43.3		13.0		19.0	160	N	P
Cobalt	mg/Kg	75 - 125	13.8		4.93		9.5	94		P
Copper	mg/Kg	75 - 125	48.1		31.6		14.3	115		P
Iron	mg/Kg	75 - 125	12600		10000		140	1829		P
Lead	mg/Kg	75 - 125	224		158		47.5	139	N	P
Magnesium	mg/Kg	75 - 125	1470		1400		95.0	73		P
Manganese	mg/Kg	75 - 125	138		157		9.5	-209		P
Nickel	mg/Kg	75 - 125	33.6		10.0		23.8	99		P
Potassium	mg/Kg	75 - 125	940		548		480	82		P
Selenium	mg/Kg	75 - 125	87.2		0.97	U	95.0	92		P
Silver	mg/Kg	75 - 125	2.06		0.48	U	3.6	57	N	P
Sodium	mg/Kg	75 - 125	1330		1370		140	-30		P
Thallium	mg/Kg	75 - 125	95.6		1.93	U	95.0	101		P
Vanadium	mg/Kg	75 - 125	31.5		17.6		14.3	98		P
Zinc	mg/Kg	75 - 125	119		109		9.5	100		P

metals
- 5a -
MATRIX SPIKE SUMMARY

client: CDM Smith level: low sdg no.: Q3257
contract: CAMP02 lab code: ACE
matrix: Solid sample id: Q3257-02 client id: ENV2-6FTMS
Percent Solids for Sample: 84.7 Spiked ID: Q3257-02MS Percent Solids for Spike Sample: 84.7

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.31		0.016	U	0.3	103		CV

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client:	<u>CDM Smith</u>	level:	<u>low</u>	sdg no.:	<u>Q3257</u>
contract:	<u>CAMP02</u>			lab code:	<u>ACE</u>
matrix:	<u>Solid</u>	sample id:	<u>Q3257-02</u>	client id:	<u>ENV2-6FTMSD</u>
Percent Solids for Sample:	84.7	Spiked ID:	Q3257-02MSD	Percent Solids for Spike Sample:	84.7

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	mg/Kg	80 - 120	0.32		0.016	U	0.3	106		CV

Metals
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POST DIGEST SPIKE SUMMARY

Client: <u>CDM Smith</u>	SDG No.: <u>Q3257</u>	
Contract: <u>CAMP02</u>	Lab Code: <u>ACE</u>	
Matrix: <u>Solid</u>	Level: <u>LOW</u>	Client ID: <u>SOIL-PILE-1-WCA</u>
Sample ID: <u>Q3256-01</u>	Spiked ID: <u>Q3256-01A</u>	

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Antimony	mg/Kg	75 - 125	33.4		2.42	U	38.7	86		P
Chromium	mg/Kg	75 - 125	31.2		13.0		19.3	94		P
Lead	mg/Kg	75 - 125	206		158		48.3	100		P
Silver	mg/Kg	75 - 125	2.26		0.48	U	3.60	63	N	P

A
B
C
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Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3257</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3256-01</u>	Client ID:	<u>SOIL-PILE-1-WCDUP</u>
Percent Solids for Sample:	87.7	Duplicate ID	Q3256-01DUP	Percent Solids for Spike Sample:	87.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	6980		7060		1		P
Antimony	mg/Kg	20	2.42	U	2.48	U			P
Arsenic	mg/Kg	20	6.80		5.91		14		P
Barium	mg/Kg	20	66.9		67.6		1		P
Beryllium	mg/Kg	20	0.61		0.63		3		P
Cadmium	mg/Kg	20	0.28	J	0.30	J	5		P
Calcium	mg/Kg	20	11400		9620		17		P
Chromium	mg/Kg	20	13.0		12.6		3		P
Cobalt	mg/Kg	20	4.93		4.69		5		P
Copper	mg/Kg	20	31.6		28.2		11		P
Iron	mg/Kg	20	10000		9500		5		P
Lead	mg/Kg	20	158		159		1		P
Magnesium	mg/Kg	20	1400		1480		6		P
Manganese	mg/Kg	20	157		134		16		P
Nickel	mg/Kg	20	10.0		10.3		3		P
Potassium	mg/Kg	20	548		522		5		P
Selenium	mg/Kg	20	0.97	U	0.99	U			P
Silver	mg/Kg	20	0.48	U	0.50	U			P
Sodium	mg/Kg	20	1370		1210		12		P
Thallium	mg/Kg	20	1.93	U	1.98	U			P
Vanadium	mg/Kg	20	17.6		16.7		5		P
Zinc	mg/Kg	20	109		128		16		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3257</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3256-01MS</u>	Client ID:	<u>SOIL-PILE-1-WCMSD</u>
Percent Solids for Sample:	87.7	Duplicate ID	Q3256-01MSD	Percent Solids for Spike Sample:	87.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	mg/Kg	20	7730		7310		6		P
Antimony	mg/Kg	20	17.8		17.0		5		P
Arsenic	mg/Kg	20	43.8		43.2		1		P
Barium	mg/Kg	20	68.3		68.1		0		P
Beryllium	mg/Kg	20	9.50		9.08		5		P
Cadmium	mg/Kg	20	10.8		10.2		6		P
Calcium	mg/Kg	20	8930		9940		11		P
Chromium	mg/Kg	20	32.6		43.3		28	*	P
Cobalt	mg/Kg	20	14.4		13.8		4		P
Copper	mg/Kg	20	48.8		48.1		1		P
Iron	mg/Kg	20	9340		12600		30	*	P
Lead	mg/Kg	20	206		224		8		P
Magnesium	mg/Kg	20	1510		1470		3		P
Manganese	mg/Kg	20	132		138		4		P
Nickel	mg/Kg	20	35.0		33.6		4		P
Potassium	mg/Kg	20	939		940		0		P
Selenium	mg/Kg	20	91.5		87.2		5		P
Silver	mg/Kg	20	2.47		2.06		18		P
Sodium	mg/Kg	20	1310		1330		2		P
Thallium	mg/Kg	20	99.3		95.6		4		P
Vanadium	mg/Kg	20	30.8		31.5		2		P
Zinc	mg/Kg	20	117		119		2		P

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3257</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3257-02</u>	Client ID:	<u>ENV2-6FTDUP</u>
Percent Solids for Sample:	84.7	Duplicate ID	Q3257-02DUP	Percent Solids for Spike Sample:	84.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.016	U	0.016	U			CV

Metals

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DUPLICATE SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	Level:	<u>LOW</u>	SDG No.:	<u>Q3257</u>
Contract:	<u>CAMP02</u>			Lab Code:	<u>ACE</u>
Matrix:	<u>Solid</u>	Sample ID:	<u>Q3257-02MS</u>	Client ID:	<u>ENV2-6FTMSD</u>
Percent Solids for Sample:	84.7	Duplicate ID	Q3257-02MSD	Percent Solids for Spike Sample:	84.7

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	mg/Kg	20	0.31		0.32		4		CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	SDG No.:	<u>Q3257</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169927BS Mercury	mg/Kg	0.25	0.27		106	80 - 120	CV

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>CDM Smith</u>	SDG No.:	<u>Q3257</u>
Contract:	<u>CAMP02</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB169935BS							
Aluminum	mg/Kg	100	98.6		99	80 - 120	P
Antimony	mg/Kg	40.0	39.9		100	80 - 120	P
Arsenic	mg/Kg	40.0	38.3		96	80 - 120	P
Barium	mg/Kg	10.0	9.54		95	80 - 120	P
Beryllium	mg/Kg	10.0	9.92		99	80 - 120	P
Cadmium	mg/Kg	10.0	9.48		95	80 - 120	P
Calcium	mg/Kg	50.0	48.5	J	97	80 - 120	P
Chromium	mg/Kg	20.0	20.8		104	80 - 120	P
Cobalt	mg/Kg	10.0	9.57		96	80 - 120	P
Copper	mg/Kg	15.0	14.9		99	80 - 120	P
Iron	mg/Kg	150	151		101	80 - 120	P
Lead	mg/Kg	50.0	46.7		93	80 - 120	P
Magnesium	mg/Kg	100	99.5	J	100	80 - 120	P
Manganese	mg/Kg	10.0	9.99		100	80 - 120	P
Nickel	mg/Kg	25.0	24.8		99	80 - 120	P
Potassium	mg/Kg	500	491		98	80 - 120	P
Selenium	mg/Kg	100	97.3		97	80 - 120	P
Silver	mg/Kg	3.8	3.67		97	80 - 120	P
Sodium	mg/Kg	150	151		101	80 - 120	P
Thallium	mg/Kg	100	94.9		95	80 - 120	P
Vanadium	mg/Kg	15.0	14.5		97	80 - 120	P
Zinc	mg/Kg	10.0	10.0		100	80 - 120	P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

SOIL-PILE-1-WCL

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **Lb No.:** lb137406 **Lab Sample ID :** Q3256-01L **SDG No.:** Q3257
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ-ence	Q	M
Aluminum	6980		7720		11		P
Antimony	2.42	U	12.1	U			P
Arsenic	6.80		6.75		1		P
Barium	66.9		79.4		19		P
Beryllium	0.61		0.92	J	50		P
Cadmium	0.28	J	0.17	J	39		P
Calcium	11400		12800		12		P
Chromium	13.0		14.5		12		P
Cobalt	4.93		4.49	J	9		P
Copper	31.6		34.5		9		P
Iron	10000		10300		3		P
Lead	158		152		4		P
Magnesium	1400		1620		16		P
Manganese	157		176		12		P
Nickel	10.0		9.20	J	8		P
Potassium	548		475	J	13		P
Selenium	0.97	U	4.83	U			P
Silver	0.48	U	2.42	U			P
Sodium	1370		1270		8		P
Thallium	1.93	U	1.43	J	100.0		P
Vanadium	17.6		20.6		17		P
Zinc	109		118		8		P

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

ENV2-6FTL

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **Lb No.:** lb137376 **Lab Sample ID :** Q3257-02L **SDG No.:** Q3257
Matrix (soil/water): Solid **Level (low/med):** LOW
Concentration Units: mg/Kg

Analyte	Initial Sample Result (I)	Serial Dilution Result (S)	% Differ- ence	Q	M
Mercury	0.016 U	0.079 U			CV



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interement Correction Factors For:				
		As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

METAL
PREPARATION &
ANALYICAL
SUMMARY

Metals

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SAMPLE PREPARATION SUMMARY

Client: CDM Smith

SDG No.: Q3257

Contract: CAMP02

Lab Code: ACE

Method:

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169927							
PB169927BL	PB169927BL	MB	SOLID	09/30/2025	0.57	35.0	100.00
PB169927BS	PB169927BS	LCS	SOLID	09/30/2025	0.55	35.0	100.00
Q3257-01	ENV1-6FT	SAM	SOLID	09/30/2025	0.54	35.0	84.30
Q3257-02	ENV2-6FT	SAM	SOLID	09/30/2025	0.52	35.0	84.70
Q3257-02DUP	ENV2-6FTDUP	DUP	SOLID	09/30/2025	0.53	35.0	84.70
Q3257-02MS	ENV2-6FTMS	MS	SOLID	09/30/2025	0.56	35.0	84.70
Q3257-02MSD	ENV2-6FTMSD	MSD	SOLID	09/30/2025	0.55	35.0	84.70

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SAMPLE PREPARATION SUMMARY

Client: CDM Smith
Contract: CAMP02

SDG No.: Q3257
Lab Code: ACE

Method: _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(g)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB169935							
PB169935BL	PB169935BL	MB	SOLID	10/01/2025	2.00	100.0	100.00
PB169935BS	PB169935BS	LCS	SOLID	10/01/2025	2.00	100.0	100.00
Q3256-01DUP	SOIL-PILE-1-WCDUP	DUP	SOLID	10/01/2025	2.30	100.0	87.70
Q3256-01MS	SOIL-PILE-1-WCMS	MS	SOLID	10/01/2025	2.40	100.0	87.70
Q3256-01MSD	SOIL-PILE-1-WCMSD	MSD	SOLID	10/01/2025	2.40	100.0	87.70
Q3257-01	ENV1-6FT	SAM	SOLID	10/01/2025	2.26	100.0	84.30
Q3257-02	ENV2-6FT	SAM	SOLID	10/01/2025	2.40	100.0	84.70

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ANALYSIS RUN LOG

Client: CDM Smith

Contract: CAMP02

Lab code: ACE

Sdg no.: Q3257

Instrument id number: _____

Method: _____

Run number: LB137376

Start date: 10/01/2025

End date: 10/01/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0851	HG
S0.2	S0.2	1	0854	HG
S2.5	S2.5	1	0856	HG
S5	S5	1	0858	HG
S7.5	S7.5	1	0901	HG
S10	S10	1	0906	HG
ICV53	ICV53	1	0910	HG
ICB53	ICB53	1	0912	HG
CCV67	CCV67	1	0915	HG
CCB67	CCB67	1	0917	HG
CRA	CRA	1	0920	HG
PB169927BL	PB169927BL	1	0927	HG
PB169927BS	PB169927BS	1	0930	HG
Q3257-01	ENV1-6FT	1	0942	HG
CCV68	CCV68	1	0945	HG
CCB68	CCB68	1	0947	HG
Q3257-02	ENV2-6FT	1	0950	HG
Q3257-02DUP	ENV2-6FTDUP	1	0952	HG
Q3257-02MS	ENV2-6FTMS	1	0954	HG
Q3257-02MSD	ENV2-6FTMSD	1	0956	HG
Q3257-02L	ENV2-6FTL	5	0959	HG
CCV69	CCV69	1	1007	HG
CCB69	CCB69	1	1009	HG

metals
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ANALYSIS RUN LOG

Client: CDM Smith

Contract: CAMP02

Lab code: ACE

Sdg no.: Q3257

Instrument id number:

Method:

Run number: LB137406

Start date: 10/02/2025

End date: 10/02/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1037	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1042	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1046	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1050	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1054	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1058	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1107	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1111	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1127	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1136	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1142	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1146	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1158	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1202	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3256-01DUP	SOIL-PILE-1-WCDUP	1	1304	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1348	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1352	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3256-01L	SOIL-PILE-1-WCL	5	1407	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3256-01MS	SOIL-PILE-1-WCMS	1	1411	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3256-01MSD	SOIL-PILE-1-WCMSD	1	1415	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3256-01A	SOIL-PILE-1-WCA	1	1419	Ag,Cr,Pb,Sb
Q3257-01	ENV1-6FT	1	1426	Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3257-02	ENV2-6FT	1	1430	Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1447	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1453	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1554	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1605	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1731	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1735	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1817	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1821	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: CDM Smith

Contract: CAMP02

Lab code: ACE

Sdg no.: Q3257

Instrument id number:

Method:

Run number: LB137426

Start date: 10/03/2025

End date: 10/03/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1153	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1158	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1202	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1206	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1210	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1214	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1218	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1305	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1312	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1316	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1320	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1325	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1337	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1341	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169935BS	PB169935BS	1	1403	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB169935BL	PB169935BL	1	1433	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1500	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1504	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1551	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1600	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1645	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1649	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

metals
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ANALYSIS RUN LOG

Client: CDM Smith

Contract: CAMP02

Lab code: ACE

Sdg no.: Q3257

Instrument id number: _____

Method: _____

Run number: LB137447

Start date: 10/07/2025

End date: 10/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1029	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1034	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1038	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1042	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1046	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1050	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1054	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1201	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1206	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1210	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1214	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1237	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1250	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1258	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1419	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1424	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1508	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1512	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1600	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1604	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1650	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1701	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	1749	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	1759	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	1844	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	1848	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q3257-01	ENV1-6FT	5	1912	Ag
Q3257-02	ENV2-6FT	5	1916	Ag
CCV08	CCV08	1	1920	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	1924	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn