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

LAB CHRONICLE

OrderID:	Q1913	**OrderDate:**	4/29/2025 2:15:00 PM
Client:	AECOM	**Project:**	Meeker Ave Plumes Superfund Site RI FS
Contact:	Amit Haryani	**Location:**	L21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1913-01	**WC-12-S-202504**	**SOIL**			**04/29/25**			**04/29/25**
			PCB	8082A		05/02/25	05/02/25	
			TCLP Pesticide	8081B		05/02/25	05/05/25	
Q1913-02	**WC-12-A-202504**	**TCLP**			**04/29/25**			**04/29/25**
			TCLP Pesticide	8081B		05/01/25	05/01/25	
			PCB	8082A		05/01/25	05/01/25	
Q1913-03	**WC-13-S-202504**	**SOIL**			**04/29/25**			**04/29/25**
			PCB	8082A		05/02/25	05/02/25	
			TCLP Pesticide	8081B		05/02/25	05/05/25	
Q1913-04	**WC-13-A-202504**	**TCLP**			**04/29/25**			**04/29/25**
			TCLP Pesticide	8081B		05/01/25	05/01/25	
			PCB	8082A		05/01/25	05/02/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q1913 **Order ID:** Q1913

Client: AECOM **Project ID:** Meeker Ave Plumes Superfund Site RI

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-13-A-202504								
Q1913-04	WC-13-A-202504	TCLP	Methoxychlor	0.12	J	0.11	0.50	ug/L
			Total Concentration:	**0.120**				

SAMPLE DATA

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	05/01/25
Client Sample ID:	PB167774TB	SDG No.:	Q1913
Lab Sample ID:	PB167774TB	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088372.D	1	05/01/25 08:56	05/01/25 14:06	PB167820

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.1		43 - 140	96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		77 - 126	94%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	05/01/25
Client Sample ID:	PB167805TB	SDG No.:	Q1913
Lab Sample ID:	PB167805TB	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088373.D	1	05/01/25 08:56	05/01/25 14:20	PB167820

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.9		43 - 140	95%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		77 - 126	94%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	04/29/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	04/29/25
Client Sample ID:	WC-12-S-202504	SDG No.:	Q1913
Lab Sample ID:	Q1913-01	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088412.D	1	05/02/25 12:44	05/05/25 09:59	PB167848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.6		43 - 140	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.6		77 - 126	118%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	04/29/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	04/29/25
Client Sample ID:	WC-12-A-202504	SDG No.:	Q1913
Lab Sample ID:	Q1913-02	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088374.D	1	05/01/25 08:56	05/01/25 14:34	PB167820

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.2		43 - 140	96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.1		77 - 126	100%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	04/29/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	04/29/25
Client Sample ID:	WC-13-S-202504	SDG No.:	Q1913
Lab Sample ID:	Q1913-03	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088413.D	1	05/02/25 12:44	05/05/25 10:12	PB167848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.1		43 - 140	70%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.6		77 - 126	113%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	AECOM	Date Collected:	04/29/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	04/29/25
Client Sample ID:	WC-13-A-202504	SDG No.:	Q1913
Lab Sample ID:	Q1913-04	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088375.D	1	05/01/25 08:56	05/01/25 14:47	PB167820

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.12	J	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.3		43 - 140	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.4		77 - 126	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

QC SUMMARY

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

Surrogate Summary

SDG No.: Q1913

Client: AECOM

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PD088121.D	PIBLK-PD088121.D	Decachlorobiphenyl	1	20	22.9	115		43	140
		Tetrachloro-m-xylene	1	20	20.1	101		77	126
		Decachlorobiphenyl	2	20	22.7	113		43	140
		Tetrachloro-m-xylene	2	20	20.9	104		77	126
I.BLK-PD088368.D	PIBLK-PD088368.D	Decachlorobiphenyl	1	20	20.7	103		43	140
		Tetrachloro-m-xylene	1	20	20.4	102		77	126
		Decachlorobiphenyl	2	20	18.9	94		43	140
		Tetrachloro-m-xylene	2	20	19.8	99		77	126
PB167820BL	PB167820BL	Decachlorobiphenyl	1	20	18.6	93		43	140
		Tetrachloro-m-xylene	1	20	18.0	90		77	126
		Decachlorobiphenyl	2	20	16.8	84		43	140
		Tetrachloro-m-xylene	2	20	18.5	92		77	126
PB167820BS	PB167820BS	Decachlorobiphenyl	1	20	20.5	102		43	140
		Tetrachloro-m-xylene	1	20	20.0	100		77	126
		Decachlorobiphenyl	2	20	18.7	93		43	140
		Tetrachloro-m-xylene	2	20	20.5	103		77	126
PB167774TB	PB167774TB	Decachlorobiphenyl	1	20	19.1	96		43	140
		Tetrachloro-m-xylene	1	20	18.4	92		77	126
		Decachlorobiphenyl	2	20	17.2	86		43	140
		Tetrachloro-m-xylene	2	20	18.9	94		77	126
PB167805TB	PB167805TB	Decachlorobiphenyl	1	20	18.9	95		43	140
		Tetrachloro-m-xylene	1	20	18.4	92		77	126
		Decachlorobiphenyl	2	20	17.1	85		43	140
		Tetrachloro-m-xylene	2	20	18.9	94		77	126
Q1913-02	WC-12-A-202504	Decachlorobiphenyl	1	20	19.2	96		43	140
		Tetrachloro-m-xylene	1	20	20.1	100		77	126
		Decachlorobiphenyl	2	20	17.3	86		43	140
		Tetrachloro-m-xylene	2	20	19.5	97		77	126
Q1913-04	WC-13-A-202504	Decachlorobiphenyl	1	20	19.3	97		43	140
		Tetrachloro-m-xylene	1	20	17.7	89		77	126
		Decachlorobiphenyl	2	20	16.6	83		43	140
		Tetrachloro-m-xylene	2	20	18.4	92		77	126
Q1901-08MS	B-167-SB01MS	Decachlorobiphenyl	1	20	20.8	104		43	140
		Tetrachloro-m-xylene	1	20	18.4	92		77	126
		Decachlorobiphenyl	2	20	19.0	95		43	140
		Tetrachloro-m-xylene	2	20	18.8	94		77	126
Q1901-08MSD	B-167-SB01MSD	Decachlorobiphenyl	1	20	20.8	104		43	140
		Tetrachloro-m-xylene	1	20	18.4	92		77	126
		Decachlorobiphenyl	2	20	19.0	95		43	140
		Tetrachloro-m-xylene	2	20	18.9	94		77	126
I.BLK-PD088383.D	PIBLK-PD088383.D	Decachlorobiphenyl	1	20	21.0	105		43	140

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

Surrogate Summary

SDG No.: Q1913

Client: AECOM

Analytical Method: 8081B

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PD088383.D	PIBLK-PD088383.D	Tetrachloro-m-xylene	1	20	20.4	102		77	126
		Decachlorobiphenyl	2	20	19.9	99		43	140
		Tetrachloro-m-xylene	2	20	19.9	100		77	126
I.BLK-PD088406.D	PIBLK-PD088406.D	Decachlorobiphenyl	1	20	16.6	83		43	140
		Tetrachloro-m-xylene	1	20	16.2	81		77	126
		Decachlorobiphenyl	2	20	14.9	75		43	140
		Tetrachloro-m-xylene	2	20	15.7	78		77	126
PB167848BL	PB167848BL	Decachlorobiphenyl	1	20	20.5	103		43	140
		Tetrachloro-m-xylene	1	20	19.3	96		77	126
		Decachlorobiphenyl	2	20	18.5	92		43	140
		Tetrachloro-m-xylene	2	20	19.2	96		77	126
PB167848BS	PB167848BS	Decachlorobiphenyl	1	20	22.1	111		43	140
		Tetrachloro-m-xylene	1	20	20.8	104		77	126
		Decachlorobiphenyl	2	20	20.2	101		43	140
		Tetrachloro-m-xylene	2	20	20.7	104		77	126
Q1913-01	WC-12-S-202504	Decachlorobiphenyl	1	20	17.6	88		43	140
		Tetrachloro-m-xylene	1	20	23.6	118		77	126
		Decachlorobiphenyl	2	20	15.8	79		43	140
		Tetrachloro-m-xylene	2	20	18.6	93		77	126
Q1913-03	WC-13-S-202504	Decachlorobiphenyl	1	20	14.1	70		43	140
		Tetrachloro-m-xylene	1	20	22.6	113		77	126
		Decachlorobiphenyl	2	20	12.6	63		43	140
		Tetrachloro-m-xylene	2	20	17.5	87		77	126
I.BLK-PD088414.D	PIBLK-PD088414.D	Decachlorobiphenyl	1	20	17.3	86		43	140
		Tetrachloro-m-xylene	1	20	16.2	81		77	126
		Decachlorobiphenyl	2	20	15.6	78		43	140
		Tetrachloro-m-xylene	2	20	15.5	78		77	126
Q1929-03MS	WC-A4-02-CMS	Decachlorobiphenyl	1	20	22.3	112		43	140
		Tetrachloro-m-xylene	1	20	19.0	95		77	126
		Decachlorobiphenyl	2	20	19.9	100		43	140
		Tetrachloro-m-xylene	2	20	15.5	77		77	126
Q1929-03MSD	WC-A4-02-CMSD	Decachlorobiphenyl	1	20	22.3	112		43	140
		Tetrachloro-m-xylene	1	20	18.9	95		77	126
		Decachlorobiphenyl	2	20	20.1	101		43	140
		Tetrachloro-m-xylene	2	20	15.8	79		77	126
I.BLK-PD088421.D	PIBLK-PD088421.D	Decachlorobiphenyl	1	20	19.4	97		43	140
		Tetrachloro-m-xylene	1	20	18.2	91		77	126
		Decachlorobiphenyl	2	20	18.0	90		43	140
		Tetrachloro-m-xylene	2	20	17.3	87		77	126

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1913

Client: AECOM

Analytical Method: 8081B **DataFile :** PD088377.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**B-167-SB01MS**											
Q1901-08MS	gamma-BHC (Lindane)	5	0	5.50	ug/L	110				60	152	
	Heptachlor	5	0	5.40	ug/L	108				56	147	
	Heptachlor epoxide	5	0	5.60	ug/L	112				77	143	
	Endrin	5	0	5.50	ug/L	110				76	144	
	Methoxychlor	5	0	5.10	ug/L	102				70	142	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1913

Client: AECOM

Analytical Method: 8081B **DataFile :** PD088378.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**B-167-SB01MSD**											
Q1901-08MSD	gamma-BHC (Lindane)	5	0	5.50	ug/L	110		0		60	152	20
	Heptachlor	5	0	5.40	ug/L	108		0		56	147	20
	Heptachlor epoxide	5	0	5.50	ug/L	110		2		77	143	20
	Endrin	5	0	5.50	ug/L	110		0		76	144	20
	Methoxychlor	5	0	5.00	ug/L	100		2		70	142	20

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1913

Client: AECOM

Analytical Method: 8081B **DataFile :** PD088417.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**WC-A4-02-CMS**											
Q1929-03MS	gamma-BHC (Lindane)	5	0	5.50	ug/L	110				60	152	
	Heptachlor	5	0	5.50	ug/L	110				56	147	
	Heptachlor epoxide	5	0	5.60	ug/L	112				77	143	
	Endrin	5	0	5.70	ug/L	114				76	144	
	Methoxychlor	5	0	5.10	ug/L	102				70	142	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1913

Client: AECOM

Analytical Method: 8081B **DataFile :** PD088418.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**WC-A4-02-CMSD**											
Q1929-03MSD	gamma-BHC (Lindane)	5	0	5.50	ug/L	110		0		60	152	20
	Heptachlor	5	0	5.50	ug/L	110		0		56	147	20
	Heptachlor epoxide	5	0	5.70	ug/L	114		2		77	143	20
	Endrin	5	0	5.70	ug/L	114		0		76	144	20
	Methoxychlor	5	0	5.10	ug/L	102		0		70	142	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1913

Client: AECOM

Analytical Method: 8081B **Datafile :** PD088371.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167820BS	gamma-BHC (Lindane)	0.5	0.52	ug/L	104				82	129	
	Heptachlor	0.5	0.52	ug/L	104				79	127	
	Heptachlor epoxide	0.5	0.53	ug/L	106				81	124	
	Endrin	0.5	0.51	ug/L	102				81	128	
	Methoxychlor	0.5	0.46	ug/L	93				78	108	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1913

Client: AECOM

Analytical Method: 8081B **Datafile :** PD088410.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167848BS	gamma-BHC (Lindane)	0.5	0.54	ug/L	108				82	129	
	Heptachlor	0.5	0.54	ug/L	108				79	127	
	Heptachlor epoxide	0.5	0.55	ug/L	110				81	124	
	Endrin	0.5	0.53	ug/L	106				81	128	
	Methoxychlor	0.5	0.49	ug/L	98				78	108	

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

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167820BL

Lab Name: CHEMTECH Contract: AECO02

Lab Code: CHEM Case No.: Q1913 SAS No.: Q1913 SDG NO.: Q1913

Lab Sample ID: PB167820BL Lab File ID: PD088370.D

Matrix: (soil/water) water Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 05/01/2025

Date Analyzed (1): 05/01/2025 Date Analyzed (2): 05/01/2025

Time Analyzed (1): 13:39 Time Analyzed (2): 13:39

Instrument ID (1): ECD_D Instrument ID (2): ECD_D

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
PB167820BS	PB167820BS	PD088371.D	05/01/2025	05/01/2025
PB167774TB	PB167774TB	PD088372.D	05/01/2025	05/01/2025
PB167805TB	PB167805TB	PD088373.D	05/01/2025	05/01/2025
WC-12-A-202504	Q1913-02	PD088374.D	05/01/2025	05/01/2025
WC-13-A-202504	Q1913-04	PD088375.D	05/01/2025	05/01/2025
B-167-SB01MS	Q1901-08MS	PD088377.D	05/01/2025	05/01/2025
B-167-SB01MSD	Q1901-08MSD	PD088378.D	05/01/2025	05/01/2025

COMMENTS:

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

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167848BL

Lab Name: CHEMTECH Contract: AECO02

Lab Code: CHEM Case No.: Q1913 SAS No.: Q1913 SDG NO.: Q1913

Lab Sample ID: PB167848BL Lab File ID: PD088409.D

Matrix: (soil/water) water Extraction: (Type) SEPF

Sulfur Cleanup: (Y/N) N Date Extracted: 05/02/2025

Date Analyzed (1): 05/05/2025 Date Analyzed (2): 05/05/2025

Time Analyzed (1): 09:04 Time Analyzed (2): 09:04

Instrument ID (1): ECD_D Instrument ID (2): ECD_D

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
PB167848BS	PB167848BS	PD088410.D	05/05/2025	05/05/2025
WC-12-S-202504	Q1913-01	PD088412.D	05/05/2025	05/05/2025
WC-13-S-202504	Q1913-03	PD088413.D	05/05/2025	05/05/2025
WC-A4-02-CMS	Q1929-03MS	PD088417.D	05/05/2025	05/05/2025
WC-A4-02-CMSD	Q1929-03MSD	PD088418.D	05/05/2025	05/05/2025

COMMENTS:

QC SAMPLE DATA

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	
Client Sample ID:	PB167820BL	SDG No.:	Q1913
Lab Sample ID:	PB167820BL	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088370.D	1	05/01/25 08:56	05/01/25 13:39	PB167820

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.6		43 - 140	93%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.5		77 - 126	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

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	
Client Sample ID:	PB167848BL	SDG No.:	Q1913
Lab Sample ID:	PB167848BL	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088409.D	1	05/02/25 12:44	05/05/25 09:04	PB167848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.5		43 - 140	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.3		77 - 126	96%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	04/18/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	04/18/25
Client Sample ID:	PIBLK-PD088121.D	SDG No.:	Q1913
Lab Sample ID:	I.BLK-PD088121.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088121.D	1		04/18/25	PD041825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.9		43 - 140	115%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.9		77 - 126	104%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	AECOM	Date Collected:	05/01/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	05/01/25
Client Sample ID:	PIBLK-PD088368.D	SDG No.:	Q1913
Lab Sample ID:	I.BLK-PD088368.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088368.D	1		05/01/25	pd050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.7		43 - 140	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		77 - 126	102%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	05/01/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	05/01/25
Client Sample ID:	PIBLK-PD088383.D	SDG No.:	Q1913
Lab Sample ID:	I.BLK-PD088383.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088383.D	1		05/01/25	pd050125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.0		43 - 140	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		77 - 126	102%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	05/05/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	05/05/25
Client Sample ID:	PIBLK-PD088406.D	SDG No.:	Q1913
Lab Sample ID:	I.BLK-PD088406.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088406.D	1		05/05/25	pd050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.6		43 - 140	83%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.2		77 - 126	81%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	05/05/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	05/05/25
Client Sample ID:	PIBLK-PD088414.D	SDG No.:	Q1913
Lab Sample ID:	I.BLK-PD088414.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088414.D	1		05/05/25	pd050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.3		43 - 140	86%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.2		77 - 126	81%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	05/05/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	05/05/25
Client Sample ID:	PIBLK-PD088421.D	SDG No.:	Q1913
Lab Sample ID:	I.BLK-PD088421.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088421.D	1		05/05/25	pd050525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
1024-57-3	Heptachlor epoxide	0.0096	U	0.0096	0.050	ug/L
72-20-8	Endrin	0.0032	U	0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.4		43 - 140	97%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.2		77 - 126	91%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	
Client Sample ID:	PB167820BS	SDG No.:	Q1913
Lab Sample ID:	PB167820BS	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088371.D	1	05/01/25 08:56	05/01/25 13:53	PB167820

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.52		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.52		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.53		0.0096	0.050	ug/L
72-20-8	Endrin	0.51		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.46		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.5		43 - 140	102%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.5		77 - 126	103%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	
Client Sample ID:	PB167848BS	SDG No.:	Q1913
Lab Sample ID:	PB167848BS	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088410.D	1	05/02/25 12:44	05/05/25 09:18	PB167848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.54		0.0037	0.050	ug/L
76-44-8	Heptachlor	0.54		0.0027	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.55		0.0096	0.050	ug/L
72-20-8	Endrin	0.53		0.0032	0.050	ug/L
72-43-5	Methoxychlor	0.49		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.17	U	0.17	1.00	ug/L
57-74-9	Chlordane	0.088	U	0.088	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.1		43 - 140	111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.8		77 - 126	104%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

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

Report of Analysis

Client:	AECOM	Date Collected:	04/26/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	04/28/25
Client Sample ID:	B-167-SB01MS	SDG No.:	Q1913
Lab Sample ID:	Q1901-08MS	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088377.D	1	05/01/25 08:56	05/01/25 15:15	PB167820

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.50		0.037	0.50	ug/L
76-44-8	Heptachlor	5.40		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.60		0.096	0.50	ug/L
72-20-8	Endrin	5.50		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.10		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.8		43 - 140	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.8		77 - 126	94%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	04/29/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	05/01/25
Client Sample ID:	WC-A4-02-CMS	SDG No.:	Q1913
Lab Sample ID:	Q1929-03MS	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088417.D	1	05/02/25 12:44	05/05/25 11:07	PB167848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.50		0.037	0.50	ug/L
76-44-8	Heptachlor	5.50		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.60		0.096	0.50	ug/L
72-20-8	Endrin	5.70		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.10		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.3		43 - 140	112%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		77 - 126	95%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	04/26/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	04/28/25
Client Sample ID:	B-167-SB01MSD	SDG No.:	Q1913
Lab Sample ID:	Q1901-08MSD	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088378.D	1	05/01/25 08:56	05/01/25 15:28	PB167820

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.50		0.037	0.50	ug/L
76-44-8	Heptachlor	5.40		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.50		0.096	0.50	ug/L
72-20-8	Endrin	5.50		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.00		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.8		43 - 140	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		77 - 126	94%	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

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

Report of Analysis

Client:	AECOM	Date Collected:	04/29/25
Project:	Meeker Ave Plumes Superfund Site RI FS	Date Received:	05/01/25
Client Sample ID:	WC-A4-02-CMSD	SDG No.:	Q1913
Lab Sample ID:	Q1929-03MSD	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0 Decanted:
Sample Wt/Vol:	100 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	TCLP Pesticide
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PD088418.D	1	05/02/25 12:44	05/05/25 11:21	PB167848

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	5.50		0.037	0.50	ug/L
76-44-8	Heptachlor	5.50		0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.70		0.096	0.50	ug/L
72-20-8	Endrin	5.70		0.032	0.50	ug/L
72-43-5	Methoxychlor	5.10		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.3		43 - 140	112%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.9		77 - 126	95%	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

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Instrument ID: ECD_D **Calibration Date(s):** 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

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

LAB FILE ID: RT 100 = PD088124.D RT 075 = PD088125.D

RT 050 = PD088126.D RT 025 = PD088127.D RT 005 = PD088128.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	9.08	9.07	9.08	9.08	9.08	9.07	8.97	9.17
Endrin	6.58	6.58	6.58	6.58	6.58	6.58	6.48	6.68
gamma-BHC (Lindane)	4.33	4.33	4.33	4.33	4.33	4.33	4.23	4.43
Heptachlor	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Heptachlor epoxide	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Methoxychlor	7.49	7.49	7.50	7.50	7.50	7.49	7.39	7.59
Tetrachloro-m-xylene	3.55	3.55	3.55	3.55	3.55	3.55	3.45	3.65

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Instrument ID: ECD_D **Calibration Date(s):** 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

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

LAB FILE ID: RT 100 = PD088124.D RT 075 = PD088125.D

RT 050 = PD088126.D RT 025 = PD088127.D RT 005 = PD088128.D

COMPOUND	RT 100	RT 075	RT 050	RT 025	RT 005	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Decachlorobiphenyl	8.09	8.08	8.08	8.08	8.08	8.08	7.98	8.18
Endrin	5.81	5.79	5.79	5.79	5.79	5.80	5.70	5.90
gamma-BHC (Lindane)	3.75	3.73	3.73	3.73	3.73	3.74	3.64	3.84
Heptachlor	4.10	4.09	4.09	4.09	4.09	4.09	3.99	4.19
Heptachlor epoxide	4.89	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Methoxychlor	6.77	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Tetrachloro-m-xylene	2.90	2.88	2.88	2.88	2.88	2.89	2.79	2.99

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Instrument ID: ECD_D **Calibration Date(s):** 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

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

LAB FILE ID: **CF 100 =** PD088124.D **CF 075 =** PD088125.D

CF 050 = PD088126.D **CF 025 =** PD088127.D **CF 005 =** PD088128.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	3080820000	3141130000	3178140000	3290360000	3850090000	3308110000	9
Endrin	3128180000	3077300000	2935450000	2806460000	2965440000	2982570000	4
gamma-BHC (Lindane)	4507210000	4365130000	4155030000	3887470000	4022700000	4187510000	6
Heptachlor	4264490000	4159110000	3978190000	3781390000	4011590000	4038950000	5
Heptachlor epoxide	3670910000	3598060000	3486330000	3389810000	3724620000	3573950000	4
Methoxychlor	1461300000	1466360000	1467850000	1483290000	1618930000	1499540000	4
Tetrachloro-m-xylene	1982340000	2006790000	1938680000	1923660000	2135510000	1997400000	4

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Instrument ID: ECD_D **Calibration Date(s):** 04/18/2025 04/18/2025

Calibration Times: 13:56 14:51

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

LAB FILE ID: **CF 100 =** PD088124.D **CF 075 =** PD088125.D

CF 050 = PD088126.D **CF 025 =** PD088127.D **CF 005 =** PD088128.D

COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	16767000000	17098200000	17470300000	18387600000	22674800000	18479600000	13
Endrin	16756200000	17001500000	17464500000	18215500000	21574100000	18202300000	11
gamma-BHC (Lindane)	20140800000	20226900000	20558100000	21137200000	25630400000	21538700000	11
Heptachlor	19826900000	20021500000	20522700000	21298800000	25320700000	21398100000	11
Heptachlor epoxide	17359900000	17576100000	18079700000	18879200000	22576700000	18894300000	11
Methoxychlor	8272330000	8467510000	8839240000	9290490000	10735700000	9121060000	11
Tetrachloro-m-xylene	13615300000	13685800000	14010800000	14551200000	17245000000	14621600000	10

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Instrument ID: ECD_D **Date(s) Analyzed:** 04/18/2025 04/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	4.72	4.62	4.82	161995000
		2	5.24	5.14	5.34	160780000
		3	5.95	5.85	6.05	666185000
		4	6.03	5.93	6.13	797101000
		5	6.87	6.77	6.97	133051000
Toxaphene	500	1	6.24	6.14	6.34	23597900
		2	6.44	6.34	6.54	34064600
		3	7.15	7.05	7.25	65326300
		4	7.57	7.47	7.67	82045400
		5	7.93	7.83	8.03	47715200

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Instrument ID: ECD_D **Date(s) Analyzed:** 04/18/2025 04/18/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Chlordane	500	1	3.91	3.81	4.01	767527000
		2	4.49	4.39	4.59	783082000
		3	5.13	5.03	5.23	2396830000
		4	5.19	5.09	5.29	2031740000
		5	6.09	5.99	6.19	931551000
Toxaphene	500	1	5.48	5.38	5.58	130682000
		2	5.65	5.55	5.75	89513500
		3	6.76	6.66	6.86	417352000
		4	7.20	7.10	7.30	302911000
		5	7.33	7.23	7.43	207761000

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Continuing Calib Date: 05/01/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 12:09 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.08	8.98	9.18	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.58	6.58	6.48	6.68	0.01
Methoxychlor	7.49	7.50	7.40	7.60	0.01

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Continuing Calib Date: 05/01/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 12:09 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.09	3.99	4.19	0.01
Heptachlor epoxide	4.88	4.88	4.78	4.98	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.76	6.76	6.66	6.86	0.00

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 05/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088369.D **Time Analyzed:** 12:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.073	8.975	9.175	46.430	50.000	-7.1
Endrin	6.575	6.476	6.676	52.080	50.000	4.2
gamma-BHC (Lindane)	4.331	4.232	4.432	54.230	50.000	8.5
Heptachlor	4.930	4.831	5.031	53.020	50.000	6.0
Heptachlor epoxide	5.691	5.592	5.792	53.870	50.000	7.7
Methoxychlor	7.494	7.395	7.595	45.160	50.000	-9.7
Tetrachloro-m-xylene	3.551	3.452	3.652	52.750	50.000	5.5

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL01 **Date Analyzed:** 05/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088369.D **Time Analyzed:** 12:09

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.075	7.977	8.177	41.500	50.000	-17.0
Endrin	5.791	5.693	5.893	46.350	50.000	-7.3
gamma-BHC (Lindane)	3.731	3.633	3.833	48.020	50.000	-4.0
Heptachlor	4.084	3.986	4.186	46.300	50.000	-7.4
Heptachlor epoxide	4.875	4.777	4.977	48.240	50.000	-3.5
Methoxychlor	6.756	6.659	6.859	41.540	50.000	-16.9
Tetrachloro-m-xylene	2.882	2.783	2.983	48.750	50.000	-2.5

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Continuing Calib Date: 05/01/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 17:19 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.08	8.98	9.18	0.00
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.58	6.58	6.48	6.68	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Continuing Calib Date: 05/01/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 17:19 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.09	4.09	3.99	4.19	0.00
Heptachlor epoxide	4.88	4.88	4.78	4.98	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.76	6.76	6.66	6.86	0.00

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 05/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088384.D **Time Analyzed:** 17:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.077	8.975	9.175	47.420	50.000	-5.2
Endrin	6.577	6.476	6.676	52.460	50.000	4.9
gamma-BHC (Lindane)	4.333	4.232	4.432	53.820	50.000	7.6
Heptachlor	4.933	4.831	5.031	53.190	50.000	6.4
Heptachlor epoxide	5.694	5.592	5.792	53.690	50.000	7.4
Methoxychlor	7.496	7.395	7.595	47.380	50.000	-5.2
Tetrachloro-m-xylene	3.553	3.452	3.652	52.240	50.000	4.5

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL02 **Date Analyzed:** 05/01/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088384.D **Time Analyzed:** 17:19

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.076	7.977	8.177	43.900	50.000	-12.2
Endrin	5.791	5.693	5.893	47.310	50.000	-5.4
gamma-BHC (Lindane)	3.731	3.633	3.833	48.110	50.000	-3.8
Heptachlor	4.085	3.986	4.186	46.890	50.000	-6.2
Heptachlor epoxide	4.875	4.777	4.977	48.060	50.000	-3.9
Methoxychlor	6.757	6.659	6.859	44.580	50.000	-10.8
Tetrachloro-m-xylene	2.882	2.783	2.983	48.420	50.000	-3.2

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 08:44 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.08	8.98	9.18	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.58	6.58	6.48	6.68	0.01
Methoxychlor	7.49	7.50	7.40	7.60	0.01

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 08:44 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.09	3.99	4.19	0.01
Heptachlor epoxide	4.87	4.88	4.78	4.98	0.01
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.76	6.76	6.66	6.86	0.00

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 05/05/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088408.D **Time Analyzed:** 08:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.073	8.975	9.175	50.200	50.000	0.4
Endrin	6.575	6.476	6.676	54.180	50.000	8.4
gamma-BHC (Lindane)	4.331	4.232	4.432	56.770	50.000	13.5
Heptachlor	4.930	4.831	5.031	55.420	50.000	10.8
Heptachlor epoxide	5.691	5.592	5.792	55.740	50.000	11.5
Methoxychlor	7.493	7.395	7.595	49.590	50.000	-0.8
Tetrachloro-m-xylene	3.550	3.452	3.652	54.530	50.000	9.1

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL03 **Date Analyzed:** 05/05/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088408.D **Time Analyzed:** 08:44

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.074	7.977	8.177	44.490	50.000	-11.0
Endrin	5.791	5.693	5.893	47.170	50.000	-5.7
gamma-BHC (Lindane)	3.731	3.633	3.833	48.880	50.000	-2.2
Heptachlor	4.084	3.986	4.186	46.430	50.000	-7.1
Heptachlor epoxide	4.874	4.777	4.977	49.060	50.000	-1.9
Methoxychlor	6.756	6.659	6.859	41.030	50.000	-17.9
Tetrachloro-m-xylene	2.882	2.783	2.983	49.100	50.000	-1.8

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 10:40 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.07	9.08	8.98	9.18	0.01
Tetrachloro-m-xylene	3.55	3.55	3.45	3.65	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.93	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.69	5.69	5.59	5.79	0.00
Endrin	6.57	6.58	6.48	6.68	0.01
Methoxychlor	7.49	7.50	7.40	7.60	0.01

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 10:40 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.07	8.08	7.98	8.18	0.01
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.09	3.99	4.19	0.01
Heptachlor epoxide	4.87	4.88	4.78	4.98	0.01
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.76	6.76	6.66	6.86	0.00

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 05/05/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088415.D **Time Analyzed:** 10:40

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.072	8.975	9.175	50.520	50.000	1.0
Endrin	6.574	6.476	6.676	53.970	50.000	7.9
gamma-BHC (Lindane)	4.330	4.232	4.432	56.130	50.000	12.3
Heptachlor	4.929	4.831	5.031	54.910	50.000	9.8
Heptachlor epoxide	5.691	5.592	5.792	55.230	50.000	10.5
Methoxychlor	7.492	7.395	7.595	49.610	50.000	-0.8
Tetrachloro-m-xylene	3.550	3.452	3.652	53.720	50.000	7.4

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL04 **Date Analyzed:** 05/05/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088415.D **Time Analyzed:** 10:40

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.074	7.977	8.177	44.790	50.000	-10.4
Endrin	5.790	5.693	5.893	47.530	50.000	-4.9
gamma-BHC (Lindane)	3.730	3.633	3.833	48.340	50.000	-3.3
Heptachlor	4.084	3.986	4.186	46.860	50.000	-6.3
Heptachlor epoxide	4.874	4.777	4.977	48.350	50.000	-3.3
Methoxychlor	6.756	6.659	6.859	43.090	50.000	-13.8
Tetrachloro-m-xylene	2.881	2.783	2.983	48.350	50.000	-3.3

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 13:47 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	9.08	9.08	8.98	9.18	0.00
Tetrachloro-m-xylene	3.56	3.55	3.45	3.65	-0.01
gamma-BHC (Lindane)	4.34	4.33	4.23	4.43	-0.01
Heptachlor	4.94	4.93	4.83	5.03	0.00
Heptachlor epoxide	5.70	5.69	5.59	5.79	-0.01
Endrin	6.58	6.58	6.48	6.68	0.00
Methoxychlor	7.50	7.50	7.40	7.60	0.00

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Continuing Calib Date: 05/05/2025 **Initial Calibration Date(s):** 04/18/2025 04/18/2025

Continuing Calib Time: 13:47 **Initial Calibration Time(s):** 13:56 14:51

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Decachlorobiphenyl	8.08	8.08	7.98	8.18	0.00
Tetrachloro-m-xylene	2.88	2.88	2.78	2.98	0.00
gamma-BHC (Lindane)	3.73	3.73	3.63	3.83	0.00
Heptachlor	4.08	4.09	3.99	4.19	0.01
Heptachlor epoxide	4.88	4.88	4.78	4.98	0.00
Endrin	5.79	5.79	5.69	5.89	0.00
Methoxychlor	6.76	6.76	6.66	6.86	0.00

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL05 **Date Analyzed:** 05/05/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088422.D **Time Analyzed:** 13:47

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.080	8.975	9.175	51.710	50.000	3.4
Endrin	6.580	6.476	6.676	55.530	50.000	11.1
gamma-BHC (Lindane)	4.336	4.232	4.432	57.260	50.000	14.5
Heptachlor	4.935	4.831	5.031	55.950	50.000	11.9
Heptachlor epoxide	5.697	5.592	5.792	55.910	50.000	11.8
Methoxychlor	7.499	7.395	7.595	51.610	50.000	3.2
Tetrachloro-m-xylene	3.555	3.452	3.652	54.400	50.000	8.8

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

CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No.: CCAL05 **Date Analyzed:** 05/05/2025

Lab Sample No.: PSTDCCC050 **Data File :** PD088422.D **Time Analyzed:** 13:47

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.076	7.977	8.177	46.850	50.000	-6.3
Endrin	5.791	5.693	5.893	49.370	50.000	-1.3
gamma-BHC (Lindane)	3.731	3.633	3.833	49.300	50.000	-1.4
Heptachlor	4.084	3.986	4.186	48.290	50.000	-3.4
Heptachlor epoxide	4.875	4.777	4.977	49.290	50.000	-1.4
Methoxychlor	6.757	6.659	6.859	45.930	50.000	-8.1
Tetrachloro-m-xylene	2.881	2.783	2.983	48.930	50.000	-2.1

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088122.D **Date Analyzed:** 04/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 13:29

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.075	8.970	9.180	23.220	20.000	16.1
Tetrachloro-m-xylene	3.551	3.500	3.600	21.610	20.000	8.1
alpha-BHC	4.000	3.950	4.050	9.950	10.000	-0.5
beta-BHC	4.516	4.470	4.570	11.360	10.000	13.6
gamma-BHC (Lindane)	4.331	4.280	4.380	10.480	10.000	4.8
Endrin	6.576	6.510	6.650	51.530	50.000	3.1
4,4'-DDT	7.023	6.950	7.090	110.510	100.000	10.5
Methoxychlor	7.494	7.420	7.560	265.100	250.000	6.0

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088122.D **Date Analyzed:** 04/18/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 13:29

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.076	7.980	8.180	22.950	20.000	14.8
Tetrachloro-m-xylene	2.883	2.830	2.930	22.200	20.000	11.0
alpha-BHC	3.396	3.350	3.450	11.720	10.000	17.2
beta-BHC	4.028	3.980	4.080	12.460	10.000	24.6
gamma-BHC (Lindane)	3.732	3.680	3.780	11.580	10.000	15.8
Endrin	5.793	5.720	5.860	49.780	50.000	-0.4
4,4'-DDT	6.187	6.120	6.260	102.610	100.000	2.6
Methoxychlor	6.758	6.690	6.830	215.580	250.000	-13.8

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088365.D **Date Analyzed:** 05/01/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:55

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.073	8.970	9.170	20.730	20.000	3.7
Tetrachloro-m-xylene	3.550	3.500	3.600	21.750	20.000	8.8
alpha-BHC	3.999	3.950	4.050	9.880	10.000	-1.2
beta-BHC	4.515	4.460	4.570	11.390	10.000	13.9
gamma-BHC (Lindane)	4.330	4.280	4.380	10.360	10.000	3.6
Endrin	6.575	6.500	6.650	53.330	50.000	6.7
4,4'-DDT	7.021	6.950	7.090	95.920	100.000	-4.1
Methoxychlor	7.493	7.420	7.560	223.310	250.000	-10.7

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088365.D **Date Analyzed:** 05/01/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 09:55

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.074	7.970	8.170	18.740	20.000	-6.3
Tetrachloro-m-xylene	2.881	2.830	2.930	21.090	20.000	5.5
alpha-BHC	3.394	3.340	3.440	10.870	10.000	8.7
beta-BHC	4.026	3.980	4.080	11.230	10.000	12.3
gamma-BHC (Lindane)	3.730	3.680	3.780	10.780	10.000	7.8
Endrin	5.790	5.720	5.860	46.960	50.000	-6.1
4,4'-DDT	6.185	6.110	6.260	83.920	100.000	-16.1
Methoxychlor	6.755	6.680	6.830	168.520	250.000	-32.6

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

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088407.D **Date Analyzed:** 05/05/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 08:30

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	9.074	8.970	9.170	22.690	20.000	13.5
Tetrachloro-m-xylene	3.551	3.500	3.600	23.140	20.000	15.7
alpha-BHC	4.000	3.950	4.050	10.620	10.000	6.2
beta-BHC	4.515	4.460	4.570	12.000	10.000	20.0
gamma-BHC (Lindane)	4.331	4.280	4.380	11.000	10.000	10.0
Endrin	6.575	6.500	6.650	55.670	50.000	11.3
4,4'-DDT	7.022	6.950	7.090	101.120	100.000	1.1
Methoxychlor	7.494	7.420	7.560	232.760	250.000	-6.9

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 04/18/2025 04/18/2025

Client Sample No. (PEM): PEM - PD088407.D **Date Analyzed:** 05/05/2025

Lab Sample No.(PEM): PEM **Time Analyzed:** 08:30

PEM COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	8.075	7.970	8.180	20.540	20.000	2.7
Tetrachloro-m-xylene	2.882	2.830	2.930	21.950	20.000	9.8
alpha-BHC	3.394	3.340	3.440	11.360	10.000	13.6
beta-BHC	4.026	3.980	4.080	11.750	10.000	17.5
gamma-BHC (Lindane)	3.731	3.680	3.780	11.250	10.000	12.5
Endrin	5.791	5.720	5.860	47.120	50.000	-5.8
4,4'-DDT	6.186	6.120	6.260	85.430	100.000	-14.6
Methoxychlor	6.756	6.690	6.830	161.660	250.000	-35.3

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

Analytical Sequence

Client: AECOM **SDG No.:** Q1913

Project: Meeker Ave Plumes Superfund Site RI FS **Instrument ID:** ECD_D

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/18/2025 04/18/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	04/18/2025	13:15	PD088121.D	9.07	3.55
PEM	PEM	04/18/2025	13:29	PD088122.D	9.08	3.55
RESCHK	RESCHK	04/18/2025	13:43	PD088123.D	9.08	3.55
PSTDICC100	PSTDICC100	04/18/2025	13:56	PD088124.D	9.08	3.55
PSTDICC075	PSTDICC075	04/18/2025	14:10	PD088125.D	9.07	3.55
PSTDICC050	PSTDICC050	04/18/2025	14:24	PD088126.D	9.08	3.55
PSTDICC025	PSTDICC025	04/18/2025	14:37	PD088127.D	9.08	3.55
PSTDICC005	PSTDICC005	04/18/2025	14:51	PD088128.D	9.08	3.55
PCHLORICC500	PCHLORICC500	04/18/2025	15:32	PD088131.D	9.07	3.55
PTOXICC500	PTOXICC500	04/18/2025	16:40	PD088136.D	9.07	3.55
PEM	PEM	05/01/2025	09:55	PD088365.D	9.07	3.55
I.BLK	I.BLK	05/01/2025	11:56	PD088368.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/01/2025	12:09	PD088369.D	9.07	3.55
PB167820BL	PB167820BL	05/01/2025	13:39	PD088370.D	9.09	3.56
PB167820BS	PB167820BS	05/01/2025	13:53	PD088371.D	9.08	3.55
PB167774TB	PB167774TB	05/01/2025	14:06	PD088372.D	9.07	3.55
PB167805TB	PB167805TB	05/01/2025	14:20	PD088373.D	9.07	3.55
WC-12-A-202504	Q1913-02	05/01/2025	14:34	PD088374.D	9.07	3.55
WC-13-A-202504	Q1913-04	05/01/2025	14:47	PD088375.D	9.07	3.55
B-167-SB01MS	Q1901-08MS	05/01/2025	15:15	PD088377.D	9.07	3.55
B-167-SB01MSD	Q1901-08MSD	05/01/2025	15:28	PD088378.D	9.07	3.55
I.BLK	I.BLK	05/01/2025	16:37	PD088383.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/01/2025	17:19	PD088384.D	9.08	3.55
I.BLK	I.BLK	05/05/2025	08:17	PD088406.D	9.07	3.55
PEM	PEM	05/05/2025	08:30	PD088407.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/05/2025	08:44	PD088408.D	9.07	3.55
PB167848BL	PB167848BL	05/05/2025	09:04	PD088409.D	9.08	3.56
PB167848BS	PB167848BS	05/05/2025	09:18	PD088410.D	9.07	3.55
WC-12-S-202504	Q1913-01	05/05/2025	09:59	PD088412.D	9.07	3.55
WC-13-S-202504	Q1913-03	05/05/2025	10:12	PD088413.D	9.07	3.55
I.BLK	I.BLK	05/05/2025	10:26	PD088414.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/05/2025	10:40	PD088415.D	9.07	3.55
WC-A4-02-CMS	Q1929-03MS	05/05/2025	11:07	PD088417.D	9.07	3.55
WC-A4-02-CMSD	Q1929-03MSD	05/05/2025	11:21	PD088418.D	9.07	3.55
I.BLK	I.BLK	05/05/2025	13:03	PD088421.D	9.07	3.55
PSTDCCC050	PSTDCCC050	05/05/2025	13:47	PD088422.D	9.08	3.56

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

Analytical Sequence

Client: AECOM **SDG No.:** Q1913

Project: Meeker Ave Plumes Superfund Site RI FS **Instrument ID:** ECD_D

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 04/18/2025 04/18/2025

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

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
I.BLK	I.BLK	04/18/2025	13:15	PD088121.D	8.08	2.88
PEM	PEM	04/18/2025	13:29	PD088122.D	8.08	2.88
RESCHK	RESCHK	04/18/2025	13:43	PD088123.D	8.08	2.88
PSTDICC100	PSTDICC100	04/18/2025	13:56	PD088124.D	8.09	2.90
PSTDICC075	PSTDICC075	04/18/2025	14:10	PD088125.D	8.08	2.88
PSTDICC050	PSTDICC050	04/18/2025	14:24	PD088126.D	8.08	2.88
PSTDICC025	PSTDICC025	04/18/2025	14:37	PD088127.D	8.08	2.88
PSTDICC005	PSTDICC005	04/18/2025	14:51	PD088128.D	8.08	2.88
PCHLORICC500	PCHLORICC500	04/18/2025	15:32	PD088131.D	8.08	2.88
PTOXICC500	PTOXICC500	04/18/2025	16:40	PD088136.D	8.08	2.88
PEM	PEM	05/01/2025	09:55	PD088365.D	8.07	2.88
I.BLK	I.BLK	05/01/2025	11:56	PD088368.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/01/2025	12:09	PD088369.D	8.08	2.88
PB167820BL	PB167820BL	05/01/2025	13:39	PD088370.D	8.08	2.88
PB167820BS	PB167820BS	05/01/2025	13:53	PD088371.D	8.08	2.88
PB167774TB	PB167774TB	05/01/2025	14:06	PD088372.D	8.07	2.88
PB167805TB	PB167805TB	05/01/2025	14:20	PD088373.D	8.08	2.88
WC-12-A-202504	Q1913-02	05/01/2025	14:34	PD088374.D	8.08	2.88
WC-13-A-202504	Q1913-04	05/01/2025	14:47	PD088375.D	8.08	2.88
B-167-SB01MS	Q1901-08MS	05/01/2025	15:15	PD088377.D	8.08	2.88
B-167-SB01MSD	Q1901-08MSD	05/01/2025	15:28	PD088378.D	8.08	2.88
I.BLK	I.BLK	05/01/2025	16:37	PD088383.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/01/2025	17:19	PD088384.D	8.08	2.88
I.BLK	I.BLK	05/05/2025	08:17	PD088406.D	8.07	2.88
PEM	PEM	05/05/2025	08:30	PD088407.D	8.08	2.88
PSTDCCC050	PSTDCCC050	05/05/2025	08:44	PD088408.D	8.07	2.88
PB167848BL	PB167848BL	05/05/2025	09:04	PD088409.D	8.08	2.88
PB167848BS	PB167848BS	05/05/2025	09:18	PD088410.D	8.08	2.88
WC-12-S-202504	Q1913-01	05/05/2025	09:59	PD088412.D	8.07	2.88
WC-13-S-202504	Q1913-03	05/05/2025	10:12	PD088413.D	8.07	2.88
I.BLK	I.BLK	05/05/2025	10:26	PD088414.D	8.07	2.88
PSTDCCC050	PSTDCCC050	05/05/2025	10:40	PD088415.D	8.07	2.88
WC-A4-02-CMS	Q1929-03MS	05/05/2025	11:07	PD088417.D	8.07	2.88
WC-A4-02-CMSD	Q1929-03MSD	05/05/2025	11:21	PD088418.D	8.07	2.88
I.BLK	I.BLK	05/05/2025	13:03	PD088421.D	8.07	2.88
PSTDCCC050	PSTDCCC050	05/05/2025	13:47	PD088422.D	8.08	2.88

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-167-SB01MS

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Lab Sample ID: Q1901-08MS **Date(s) Analyzed:** 05/01/2025 05/01/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin	1	6.58	6.53	6.63	5.50	13.6
	2	5.79	5.74	5.84	4.80	
Methoxychlor	1	7.49	7.44	7.54	5.10	10.3
	2	6.76	6.71	6.81	4.60	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	5.50	11.5
	2	3.73	3.68	3.78	4.90	
Heptachlor	1	4.93	4.88	4.98	5.40	13.9
	2	4.09	4.04	4.14	4.70	
Heptachlor epoxide	1	5.69	5.64	5.74	5.60	13.3
	2	4.88	4.83	4.93	4.90	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

B-167-SB01MSD

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Lab Sample ID: Q1901-08MSD **Date(s) Analyzed:** 05/01/2025 05/01/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin	1	6.58	6.53	6.63	5.50	11.5
	2	5.79	5.74	5.84	4.90	
Methoxychlor	1	7.49	7.44	7.54	5.00	8.3
	2	6.76	6.71	6.81	4.60	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	5.50	11.5
	2	3.73	3.68	3.78	4.90	
Heptachlor	1	4.93	4.88	4.98	5.40	13.9
	2	4.09	4.04	4.14	4.70	
Heptachlor epoxide	1	5.69	5.64	5.74	5.50	11.5
	2	4.88	4.83	4.93	4.90	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167820BS

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Lab Sample ID: PB167820BS **Date(s) Analyzed:** 05/01/2025 05/01/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.49	7.44	7.54	0.46	8.3
	2	6.76	6.71	6.81	0.43	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.52	8.6
	2	3.73	3.68	3.78	0.48	
Heptachlor	1	4.93	4.88	4.98	0.52	11.3
	2	4.08	4.03	4.13	0.46	
Heptachlor epoxide	1	5.69	5.64	5.74	0.53	9.9
	2	4.87	4.82	4.92	0.48	
Endrin	1	6.58	6.53	6.63	0.51	11.2
	2	5.79	5.74	5.84	0.46	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB167848BS

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Lab Sample ID: PB167848BS **Date(s) Analyzed:** 05/05/2025 05/05/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.49	7.44	7.54	0.49	15.4
	2	6.76	6.71	6.81	0.42	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.54	11.1
	2	3.73	3.68	3.78	0.48	
Heptachlor	1	4.93	4.88	4.98	0.54	15.4
	2	4.09	4.04	4.14	0.46	
Heptachlor epoxide	1	5.69	5.64	5.74	0.55	11.8
	2	4.88	4.83	4.93	0.49	
Endrin	1	6.58	6.53	6.63	0.53	14.9
	2	5.79	5.74	5.84	0.46	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-A4-02-CMS

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Lab Sample ID: Q1929-03MS **Date(s) Analyzed:** 05/05/2025 05/05/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Methoxychlor	1	7.49	7.44	7.54	5.10	14.7
	2	6.76	6.71	6.81	4.40	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	5.50	20
	2	3.73	3.68	3.78	4.50	
Heptachlor	1	4.93	4.88	4.98	5.50	13.6
	2	4.08	4.03	4.13	4.80	
Heptachlor epoxide	1	5.69	5.64	5.74	5.60	13.3
	2	4.87	4.82	4.92	4.90	
Endrin	1	6.57	6.52	6.62	5.70	17.1
	2	5.79	5.74	5.84	4.80	

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

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WC-A4-02-CMSD

Contract: AECO02

Lab Code: CHEM **Case No.:** Q1913 **SAS No.:** Q1913 **SDG NO.:** Q1913

Lab Sample ID: Q1929-03MSD **Date(s) Analyzed:** 05/05/2025 05/05/2025

Instrument ID (1): ECD_D **Instrument ID (2):** ECD_D

GC Column: (1): ZB-MR1 **ID:** 0.32 (mm) **GC Column:(2):** ZB-MR2 **ID:** 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%RPD
Endrin	1	6.57	6.52	6.62	5.70	17.1
	2	5.79	5.74	5.84	4.80	
Methoxychlor	1	7.49	7.44	7.54	5.10	14.7
	2	6.76	6.71	6.81	4.40	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	5.50	20
	2	3.73	3.68	3.78	4.50	
Heptachlor	1	4.93	4.88	4.98	5.50	17.8
	2	4.08	4.03	4.13	4.60	
Heptachlor epoxide	1	5.69	5.64	5.74	5.70	15.1
	2	4.87	4.82	4.92	4.90	