

LAB CHRONICLE

OrderID:	P4722	OrderDate:	11/5/2024 3:33:08 PM
Client:	Walsh Construction Company II, LLC	Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2
Contact:	Kayla Timony	Location:	L23,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4722-03	WC-1(0-6)	SOIL			11/05/24			11/05/24
			Gasoline Range Organics	8015D			11/08/24	
			Herbicide	8151A		11/07/24	11/12/24	
			PCB	8082A		11/07/24	11/07/24	
			Pesticide-TCL	8081B		11/07/24	11/07/24	
			EPH_NF	NJEPH		11/07/24	11/07/24	
			EPH_NF	NJEPH		11/07/24	11/08/24	
P4722-03DL	WC-1(0-6)DL	Solid			11/05/24			11/05/24
			EPH_NF	NJEPH		11/07/24	11/08/24	
P4722-04	WC-1(0-6)	TCLP			11/05/24			11/05/24
			TCLP Pesticide	8081B		11/10/24	11/11/24	
P4722-05	WC-1(0-6)	WATER			11/05/24			11/05/24
			SPLP Pesticide	8081B		11/10/24	11/11/24	
P4722-08	WC-2(0-6)	SOIL			11/05/24			11/05/24
			Gasoline Range Organics	8015D			11/07/24	
			Herbicide	8151A		11/07/24	11/08/24	
			PCB	8082A		11/07/24	11/07/24	
			Pesticide-TCL	8081B		11/07/24	11/07/24	
			EPH_NF	NJEPH		11/07/24	11/07/24	
			EPH_NF	NJEPH		11/07/24	11/08/24	
P4722-08DL	WC-2(0-6)DL	Solid			11/05/24			11/05/24
			EPH_NF	NJEPH		11/07/24	11/08/24	
P4722-09	WC-2(0-6)	TCLP			11/05/24			11/05/24
			TCLP Pesticide	8081B		11/10/24	11/11/24	
P4722-10	WC-2(0-6)	WATER			11/05/24			11/05/24

LAB CHRONICLE

P4722-13	WC-3(0-6)	SOIL	SPLP Pesticide	8081B	11/10/24	11/11/24	11/05/24	11/05/24
			Gasoline Range Organics	8015D		11/08/24		
			Herbicide	8151A	11/07/24	11/12/24		
			PCB	8082A	11/07/24	11/07/24		
			Pesticide-TCL	8081B	11/07/24	11/07/24		
			EPH_NF	NJEPH	11/07/24	11/07/24		
			EPH_NF	NJEPH	11/07/24	11/08/24		
P4722-13DL	WC-3(0-6)DL	Solid					11/05/24	11/05/24
			EPH_NF	NJEPH	11/07/24	11/08/24		
P4722-14	WC-3(0-6)	TCLP					11/05/24	11/05/24
			TCLP Pesticide	8081B	11/10/24	11/11/24		
P4722-15	WC-3(0-6)	WATER					11/05/24	11/05/24
			SPLP Pesticide	8081B	11/10/24	11/11/24		

Hit Summary Sheet
SW-846

SDG No.: P4722

Order ID: P4722

Client: Walsh Construction Company II, LLC

Project ID: NYCDEP C547A - Shafts 17B-1 & 18B

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:	Walsh Construction Company II, LLC		Date Collected:	11/05/24	
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2		Date Received:	11/05/24	
Client Sample ID:	WC-1(0-6)		SDG No.:	P4722	
Lab Sample ID:	P4722-04		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
PL092986.D	1	11/10/24 08:44	11/11/24 23:28	PB164849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.2		43 - 140	86%	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

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	11/05/24	
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2		Date Received:	11/05/24	
Client Sample ID:	WC-2(0-6)		SDG No.:	P4722	
Lab Sample ID:	P4722-09		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
PL092987.D	1	11/10/24 08:44	11/11/24 23:42	PB164849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	18.1		43 - 140	90%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.5		77 - 126	97%	SPK: 20

Comments:

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Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	11/05/24	
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2		Date Received:	11/05/24	
Client Sample ID:	WC-3(0-6)		SDG No.:	P4722	
Lab Sample ID:	P4722-14		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
PL092988.D	1	11/10/24 08:44	11/11/24 23:56	PB164849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.0		43 - 140	85%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.2		77 - 126	101%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

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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:	Walsh Construction Company II, LLC		Date Collected:		
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2		Date Received:	11/10/24	
Client Sample ID:	PB164694TB		SDG No.:	P4722	
Lab Sample ID:	PB164694TB		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
PL092946.D	1	11/10/24 08:44	11/11/24 12:40	PB164849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.049	U	0.049	0.50	ug/L
76-44-8	Heptachlor	0.054	U	0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.090	U	0.090	0.50	ug/L
72-20-8	Endrin	0.043	U	0.043	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.2		43 - 140	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		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

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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.: **P4722**

Client: **Walsh Construction Company II, LLC**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PL092652.D	PIBLK-PL092652.D	Decachlorobiphenyl	1	20	22.7	114		43	140
		Tetrachloro-m-xylene	1	20	21.6	108		77	126
		Decachlorobiphenyl	2	20	21.7	109		43	140
		Tetrachloro-m-xylene	2	20	20.4	102		77	126
I.BLK-PL092941.D	PIBLK-PL092941.D	Decachlorobiphenyl	1	20	20.8	104		43	140
		Tetrachloro-m-xylene	1	20	22.3	112		77	126
		Decachlorobiphenyl	2	20	19.8	99		43	140
		Tetrachloro-m-xylene	2	20	21.6	108		77	126
PB164849BL	PB164849BL	Decachlorobiphenyl	1	20	21.1	105		43	140
		Tetrachloro-m-xylene	1	20	20.7	104		77	126
		Decachlorobiphenyl	2	20	20.5	103		43	140
		Tetrachloro-m-xylene	2	20	20.1	101		77	126
PB164849BS	PB164849BS	Decachlorobiphenyl	1	20	19.3	96		43	140
		Tetrachloro-m-xylene	1	20	19.1	95		77	126
		Decachlorobiphenyl	2	20	18.9	94		43	140
		Tetrachloro-m-xylene	2	20	17.9	90		77	126
PB164694TB	PB164694TB	Decachlorobiphenyl	1	20	21.2	106		43	140
		Tetrachloro-m-xylene	1	20	20.6	103		77	126
		Decachlorobiphenyl	2	20	20.8	104		43	140
		Tetrachloro-m-xylene	2	20	20.1	101		77	126
I.BLK-PL092959.D	PIBLK-PL092959.D	Decachlorobiphenyl	1	20	22.0	110		43	140
		Tetrachloro-m-xylene	1	20	22.1	110		77	126
		Decachlorobiphenyl	2	20	22.2	111		43	140
		Tetrachloro-m-xylene	2	20	21.5	107		77	126
I.BLK-PL092971.D	PIBLK-PL092971.D	Decachlorobiphenyl	1	20	21.6	108		43	140
		Tetrachloro-m-xylene	1	20	22.7	114		77	126
		Decachlorobiphenyl	2	20	20.6	103		43	140
		Tetrachloro-m-xylene	2	20	21.6	108		77	126
P4718-03MS	WB-307-SB02MS	Decachlorobiphenyl	1	20	14.1	71		43	140
		Tetrachloro-m-xylene	1	20	24.6	123		77	126
		Decachlorobiphenyl	2	20	13.1	66		43	140
		Tetrachloro-m-xylene	2	20	19.3	96		77	126
P4718-03MSD	WB-307-SB02MSD	Decachlorobiphenyl	1	20	14.4	72		43	140
		Tetrachloro-m-xylene	1	20	24.6	123		77	126
		Decachlorobiphenyl	2	20	13.2	66		43	140
		Tetrachloro-m-xylene	2	20	19.3	97		77	126
P4722-04	WC-1(0-6)	Decachlorobiphenyl	1	20	17.2	86		43	140
		Tetrachloro-m-xylene	1	20	20.5	103		77	126
		Decachlorobiphenyl	2	20	15.8	79		43	140
		Tetrachloro-m-xylene	2	20	20.0	100		77	126
P4722-09	WC-2(0-6)	Decachlorobiphenyl	1	20	18.1	90		43	140

Surrogate Summary

SDG No.: **P4722**

Client: **Walsh Construction Company II, LLC**

Analytical Method: **8081B**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
P4722-09	WC-2(0-6)	Tetrachloro-m-xylene	1	20	19.5	97		77	126
		Decachlorobiphenyl	2	20	17.0	85		43	140
		Tetrachloro-m-xylene	2	20	18.6	93		77	126
P4722-14	WC-3(0-6)	Decachlorobiphenyl	1	20	17.0	85		43	140
		Tetrachloro-m-xylene	1	20	20.2	101		77	126
		Decachlorobiphenyl	2	20	16.4	82		43	140
		Tetrachloro-m-xylene	2	20	19.9	99		77	126
		Decachlorobiphenyl	1	20	22.2	111		43	140
I.BLK-PL092992.D	PIBLK-PL092992.D	Tetrachloro-m-xylene	1	20	22.8	114		77	126
		Decachlorobiphenyl	2	20	21.8	109		43	140
		Tetrachloro-m-xylene	2	20	22.2	111		77	126
		Decachlorobiphenyl	1	20	22.2	111		77	126

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4722

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B

DataFile : PL092984.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec Qual	RPD Qual	Low	Limits High	RPD
Client Sample ID:	WB-307-SB02MS									
P4718-03MS	gamma-BHC (Lindane)	5	0	4.90	ug/L	98		60	152	
	Heptachlor	5	0	5.40	ug/L	108		56	147	
	Heptachlor epoxide	5	0	5.30	ug/L	106		77	143	
	Endrin	5	0	5.20	ug/L	104		76	144	
	Methoxychlor	5	0	4.80	ug/L	96		70	142	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: P4722

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B

DataFile : PL092985.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec Qual	RPD Qual	Low	Limits High	RPD
Client Sample ID: P4718-03MSD	WB-307-SB02MSD									
	gamma-BHC (Lindane)	5	0	4.90	ug/L	98	0	60	152	20
	Heptachlor	5	0	5.50	ug/L	110	2	56	147	20
	Heptachlor epoxide	5	0	5.30	ug/L	106	0	77	143	20
	Endrin	5	0	5.40	ug/L	108	4	76	144	20
	Methoxychlor	5	0	4.80	ug/L	96	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.: P4722

Client: Walsh Construction Company II, LLC

Analytical Method: 8081B Datafile : PL092945.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB164849BS	gamma-BHC (Lindane)	0.5	0.51	ug/L	102				82	129	
	Heptachlor	0.5	0.53	ug/L	106				79	127	
	Heptachlor epoxide	0.5	0.53	ug/L	107				81	124	
	Endrin	0.5	0.53	ug/L	106				81	128	
	Methoxychlor	0.5	0.50	ug/L	100				78	108	

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB164849BL

Lab Name: CHEMTECH

Contract: WALS01

Lab Code: CHEM Case No.: P4722

SAS No.: P4722 SDG NO.: P4722

Lab Sample ID: PB164849BL

Lab File ID: PL092944.D

Matrix: (soil/water) water

Extraction: (Type) _____

Sulfur Cleanup: (Y/N) N

Date Extracted: 11/10/2024

Date Analyzed (1): 11/11/2024

Date Analyzed (2): 11/11/2024

Time Analyzed (1): 12:12

Time Analyzed (2): 12:12

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

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

GC Column (2): ZB-MR1 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
PB164849BS	PB164849BS	PL092945.D	11/11/2024	11/11/2024
PB164694TB	PB164694TB	PL092946.D	11/11/2024	11/11/2024
WB-307-SB02MS	P4718-03MS	PL092984.D	11/11/2024	11/11/2024
WB-307-SB02MSD	P4718-03MSD	PL092985.D	11/11/2024	11/11/2024
WC-1 (0-6)	P4722-04	PL092986.D	11/11/2024	11/11/2024
WC-2 (0-6)	P4722-09	PL092987.D	11/11/2024	11/11/2024
WC-3 (0-6)	P4722-14	PL092988.D	11/11/2024	11/11/2024

COMMENTS: _____



QC SAMPLE DATA

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:		
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2		Date Received:		
Client Sample ID:	PB164849BL		SDG No.:	P4722	
Lab Sample ID:	PB164849BL		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
PL092944.D	1	11/10/24 08:44	11/11/24 12:12	PB164849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.1		43 - 140	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.7		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

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	10/28/24	
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2		Date Received:	10/28/24	
Client Sample ID:	PIBLK-PL092652.D		SDG No.:	P4722	
Lab Sample ID:	I.BLK-PL092652.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
PL092652.D	1		10/28/24	PL102824

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.7		43 - 140	114%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.6		77 - 126	108%	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:	Walsh Construction Company II, LLC	Date Collected:	11/11/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/11/24
Client Sample ID:	PIBLK-PL092941.D	SDG No.:	P4722
Lab Sample ID:	I.BLK-PL092941.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092941.D	1		11/11/24	PL111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.8		43 - 140	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.3		77 - 126	112%	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:	Walsh Construction Company II, LLC	Date Collected:	11/11/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/11/24
Client Sample ID:	PIBLK-PL092959.D	SDG No.:	P4722
Lab Sample ID:	I.BLK-PL092959.D	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	Injection Volume :	
Prep Method :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092959.D	1		11/11/24	PL111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.2		43 - 140	111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.1		77 - 126	110%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	11/11/24	
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2		Date Received:	11/11/24	
Client Sample ID:	PIBLK-PL092971.D		SDG No.:	P4722	
Lab Sample ID:	I.BLK-PL092971.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
PL092971.D	1		11/11/24	PL111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.6		43 - 140	108%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.7		77 - 126	114%	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:	Walsh Construction Company II, LLC		Date Collected:	11/12/24	
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2		Date Received:	11/12/24	
Client Sample ID:	PIBLK-PL092992.D		SDG No.:	P4722	
Lab Sample ID:	I.BLK-PL092992.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
PL092992.D	1		11/12/24	PL111124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.0049	U	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.0054	U	0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.0090	U	0.0090	0.050	ug/L
72-20-8	Endrin	0.0043	U	0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.011	U	0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.2		43 - 140	111%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.8		77 - 126	114%	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:	Walsh Construction Company II, LLC		Date Collected:		
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2		Date Received:		
Client Sample ID:	PB164849BS		SDG No.:	P4722	
Lab Sample ID:	PB164849BS		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
PL092945.D	1	11/10/24 08:44	11/11/24 12:26	PB164849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	0.51		0.0049	0.050	ug/L
76-44-8	Heptachlor	0.53		0.0054	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.53		0.0090	0.050	ug/L
72-20-8	Endrin	0.53		0.0043	0.050	ug/L
72-43-5	Methoxychlor	0.50		0.011	0.050	ug/L
8001-35-2	Toxaphene	0.15	U	0.15	1.00	ug/L
57-74-9	Chlordane	0.082	U	0.082	0.50	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.3		43 - 140	96%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		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

Report of Analysis

Client:	Walsh Construction Company II, LLC	Date Collected:	11/04/24
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2	Date Received:	11/05/24
Client Sample ID:	WB-307-SB02MS	SDG No.:	P4722
Lab Sample ID:	P4718-03MS	Matrix:	TCLP
Analytical Method:	SW8081	% Solid:	0
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	TCLP Pesticide
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL092984.D	1	11/10/24 08:44	11/11/24 23:01	PB164849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	4.90		0.049	0.50	ug/L
76-44-8	Heptachlor	5.40		0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.30		0.090	0.50	ug/L
72-20-8	Endrin	5.20		0.043	0.50	ug/L
72-43-5	Methoxychlor	4.80		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.1		43 - 140	71%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.6		77 - 126	123%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Walsh Construction Company II, LLC		Date Collected:	11/04/24	
Project:	NYCDEP C547A - Shafts 17B-1 & 18B-1 Stage 2		Date Received:	11/05/24	
Client Sample ID:	WB-307-SB02MSD		SDG No.:	P4722	
Lab Sample ID:	P4718-03MSD		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
PL092985.D	1	11/10/24 08:44	11/11/24 23:14	PB164849

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
58-89-9	gamma-BHC (Lindane)	4.90		0.049	0.50	ug/L
76-44-8	Heptachlor	5.50		0.054	0.50	ug/L
1024-57-3	Heptachlor epoxide	5.30		0.090	0.50	ug/L
72-20-8	Endrin	5.40		0.043	0.50	ug/L
72-43-5	Methoxychlor	4.80		0.11	0.50	ug/L
8001-35-2	Toxaphene	1.50	U	1.50	10.0	ug/L
57-74-9	Chlordane	0.82	U	0.82	5.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.4		43 - 140	72%	SPK: 20
877-09-8	Tetrachloro-m-xylene	24.6		77 - 126	123%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



CALIBRATION SUMMARY

A
B
C
D
E
F
G
H

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

[illegible]

A
B
C
D
E
F
G
H

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

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

Instrument ID: ECD_L

Calibration Date(s): 10/28/2024 10/28/2024

Calibration Times: 14:43 15:36

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

LAB FILE ID:		CF 100 =	<u>PL092655.D</u>	CF 075 =	<u>PL092656.D</u>		
CF 050 =		<u>PL092657.D</u>	CF 025 =	<u>PL092658.D</u>	CF 005 =	<u>PL092659.D</u>	
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	1738840000	1756630000	1819720000	1998760000	2308800000	1924550000	12
Endrin	2111540000	2103000000	2121260000	2324460000	2723040000	2276660000	12
gamma-BHC (Lindane)	3198960000	3133030000	3104430000	3278360000	3583040000	3259560000	6
Heptachlor	2817300000	2795570000	2829220000	3064000000	3509480000	3003110000	10
Heptachlor epoxide	2536240000	2521530000	2566410000	2821600000	3361270000	2761410000	13
Methoxychlor	1040530000	1050870000	1078280000	1189160000	1341160000	1140000000	11
Tetrachloro-m-xylene	2319350000	2304070000	2328420000	2512350000	2786990000	2450240000	8

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: WALS01

Lab Code: CHEM **Case No.:** P4722 **SAS No.:** P4722 **SDG NO.:** P4722

Instrument ID: ECD_L **Calibration Date(s):** 10/28/2024 10/28/2024
Calibration Times: 14:43 15:36

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

LAB FILE ID:		CF 100 =	<u>PL092655.D</u>	CF 075 =	<u>PL092656.D</u>		
CF 050 =	<u>PL092657.D</u>	CF 025 =	<u>PL092658.D</u>	CF 005 =	<u>PL092659.D</u>		
COMPOUND	CF 100	CF 075	CF 050	CF 025	CF 005	CF	% RSD
Decachlorobiphenyl	2606810000	2575500000	2605540000	2793460000	3064890000	2729240000	8
Endrin	2969490000	2878380000	2828080000	2876210000	2912860000	2893010000	2
gamma-BHC (Lindane)	4083950000	3934430000	3833920000	3828430000	3616530000	3859450000	4
Heptachlor	3876200000	3766580000	3709120000	3779090000	3738650000	3773930000	2
Heptachlor epoxide	3405420000	3318630000	3272090000	3352830000	3358060000	3341410000	1
Methoxychlor	1400820000	1385450000	1393920000	1470360000	1489590000	1428030000	3
Tetrachloro-m-xylene	2724750000	2661560000	2643180000	2728430000	2847900000	2721160000	3

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

Instrument ID: ECD_L Date(s) Analyzed: 10/28/2024 10/28/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	4.70	4.60	4.80	106996000
		2	5.23	5.13	5.33	110397000
		3	5.94	5.84	6.04	372388000
		4	6.02	5.92	6.12	458405000
		5	6.87	6.77	6.97	92161100
Toxaphene	500	1	6.24	6.14	6.34	23962400
		2	6.44	6.34	6.54	13823600
		3	7.06	6.96	7.16	79159800
		4	7.15	7.05	7.25	59803700
		5	7.93	7.83	8.03	45329200

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

Instrument ID: ECD_L Date(s) Analyzed: 10/28/2024 10/28/2024

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Chlordane	500	1	3.78	3.68	3.88	105092000
		2	4.35	4.25	4.45	120641000
		3	4.98	4.88	5.08	361048000
		4	5.05	4.95	5.15	346821000
		5	5.94	5.84	6.04	124060000
Toxaphene	500	1	5.01	4.91	5.11	19952700
		2	5.33	5.23	5.43	19749600
		3	6.61	6.51	6.71	70222500
		4	6.73	6.63	6.83	98337700
		5	7.05	6.95	7.15	65479700

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 11:58 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Methoxychlor	7.50	7.50	7.40	7.60	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 11:58 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endrin	5.64	5.64	5.54	5.74	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL01 Date Analyzed: 11/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092943.D Time Analyzed: 11:58

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.061	8.954	9.154	46.430	50.000	-7.1
Endrin	6.579	6.474	6.674	43.850	50.000	-12.3
gamma-BHC (Lindane)	4.331	4.228	4.428	49.900	50.000	-0.2
Heptachlor	4.920	4.817	5.017	47.730	50.000	-4.5
Heptachlor epoxide	5.688	5.584	5.784	48.400	50.000	-3.2
Methoxychlor	7.504	7.399	7.599	44.210	50.000	-11.6
Tetrachloro-m-xylene	3.542	3.440	3.640	49.960	50.000	-0.1

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL01 Date Analyzed: 11/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092943.D Time Analyzed: 11:58

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.919	7.816	8.016	46.770	50.000	-6.5
Endrin	5.643	5.541	5.741	50.950	50.000	1.9
gamma-BHC (Lindane)	3.611	3.511	3.711	52.560	50.000	5.1
Heptachlor	3.951	3.849	4.049	50.950	50.000	1.9
Heptachlor epoxide	4.733	4.632	4.832	52.470	50.000	4.9
Methoxychlor	6.617	6.515	6.715	46.930	50.000	-6.1
Tetrachloro-m-xylene	2.778	2.678	2.878	51.750	50.000	3.5

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 16:49 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Methoxychlor	7.51	7.50	7.40	7.60	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 16:49 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endrin	5.64	5.64	5.54	5.74	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL02 Date Analyzed: 11/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092960.D Time Analyzed: 16:49

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.064	8.954	9.154	45.750	50.000	-8.5
Endrin	6.580	6.474	6.674	43.680	50.000	-12.6
gamma-BHC (Lindane)	4.332	4.228	4.428	49.740	50.000	-0.5
Heptachlor	4.921	4.817	5.017	46.230	50.000	-7.5
Heptachlor epoxide	5.689	5.584	5.784	48.040	50.000	-3.9
Methoxychlor	7.506	7.399	7.599	41.600	50.000	-16.8
Tetrachloro-m-xylene	3.543	3.440	3.640	50.620	50.000	1.2

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL02 Date Analyzed: 11/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092960.D Time Analyzed: 16:49

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.920	7.816	8.016	47.520	50.000	-5.0
Endrin	5.643	5.541	5.741	51.290	50.000	2.6
gamma-BHC (Lindane)	3.611	3.511	3.711	52.740	50.000	5.5
Heptachlor	3.950	3.849	4.049	49.830	50.000	-0.3
Heptachlor epoxide	4.733	4.632	4.832	52.930	50.000	5.9
Methoxychlor	6.617	6.515	6.715	45.570	50.000	-8.9
Tetrachloro-m-xylene	2.779	2.678	2.878	51.800	50.000	3.6

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 20:14 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Methoxychlor	7.51	7.50	7.40	7.60	-0.01

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

Continuing Calib Date: 11/11/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 20:14 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endrin	5.64	5.64	5.54	5.74	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL03 Date Analyzed: 11/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092973.D Time Analyzed: 20:14

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.063	8.954	9.154	43.000	50.000	-14.0
Endrin	6.579	6.474	6.674	43.010	50.000	-14.0
gamma-BHC (Lindane)	4.331	4.228	4.428	48.520	50.000	-3.0
Heptachlor	4.920	4.817	5.017	45.380	50.000	-9.2
Heptachlor epoxide	5.688	5.584	5.784	47.490	50.000	-5.0
Methoxychlor	7.505	7.399	7.599	42.350	50.000	-15.3
Tetrachloro-m-xylene	3.542	3.440	3.640	49.410	50.000	-1.2

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL03 Date Analyzed: 11/11/2024

Lab Sample No.: PSTDCCC050 Data File : PL092973.D Time Analyzed: 20:14

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Decachlorobiphenyl	7.920	7.816	8.016	44.340	50.000	-11.3
Endrin	5.644	5.541	5.741	48.560	50.000	-2.9
gamma-BHC (Lindane)	3.612	3.511	3.711	50.790	50.000	1.6
Heptachlor	3.951	3.849	4.049	48.630	50.000	-2.7
Heptachlor epoxide	4.734	4.632	4.832	50.070	50.000	0.1
Methoxychlor	6.618	6.515	6.715	43.670	50.000	-12.7
Tetrachloro-m-xylene	2.779	2.678	2.878	50.370	50.000	0.7

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

Continuing Calib Date: 11/12/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 01:06 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	9.06	9.05	8.95	9.15	-0.01
Tetrachloro-m-xylene	3.54	3.54	3.44	3.64	0.00
gamma-BHC (Lindane)	4.33	4.33	4.23	4.43	0.00
Heptachlor	4.92	4.92	4.82	5.02	0.00
Heptachlor epoxide	5.69	5.68	5.58	5.78	-0.01
Endrin	6.58	6.57	6.47	6.67	-0.01
Methoxychlor	7.50	7.50	7.40	7.60	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

Continuing Calib Date: 11/12/2024 Initial Calibration Date(s): 10/28/2024 10/28/2024

Continuing Calib Time: 01:06 Initial Calibration Time(s): 14:43 15:36

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

COMPOUND	CCAL RT	AVG RT	RT WINDOW		DIFF RT
			FROM	TO	
Decachlorobiphenyl	7.92	7.92	7.82	8.02	0.00
Tetrachloro-m-xylene	2.78	2.78	2.68	2.88	0.00
gamma-BHC (Lindane)	3.61	3.61	3.51	3.71	0.00
Heptachlor	3.95	3.95	3.85	4.05	0.00
Heptachlor epoxide	4.73	4.73	4.63	4.83	0.00
Endrin	5.64	5.64	5.54	5.74	0.00
Methoxychlor	6.62	6.62	6.52	6.72	0.00

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL04 Date Analyzed: 11/12/2024

Lab Sample No.: PSTDCCC050 Data File : PL092993.D Time Analyzed: 01:06

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.062	8.954	9.154	45.740	50.000	-8.5
Endrin	6.579	6.474	6.674	42.020	50.000	-16.0
gamma-BHC (Lindane)	4.331	4.228	4.428	49.360	50.000	-1.3
Heptachlor	4.919	4.817	5.017	45.840	50.000	-8.3
Heptachlor epoxide	5.686	5.584	5.784	47.100	50.000	-5.8
Methoxychlor	7.504	7.399	7.599	40.210	50.000	-19.6
Tetrachloro-m-xylene	3.542	3.440	3.640	50.220	50.000	0.4

CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No.: CCAL04 Date Analyzed: 11/12/2024

Lab Sample No.: PSTDCCC050 Data File : PL092993.D Time Analyzed: 01:06

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.920	7.816	8.016	46.990	50.000	-6.0
Endrin	5.643	5.541	5.741	48.620	50.000	-2.8
gamma-BHC (Lindane)	3.611	3.511	3.711	52.480	50.000	5.0
Heptachlor	3.950	3.849	4.049	49.220	50.000	-1.6
Heptachlor epoxide	4.733	4.632	4.832	51.790	50.000	3.6
Methoxychlor	6.617	6.515	6.715	42.960	50.000	-14.1
Tetrachloro-m-xylene	2.778	2.678	2.878	51.720	50.000	3.4

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL092653.D Date Analyzed: 10/28/2024

Lab Sample No.(PEM): PEM Time Analyzed: 14:16

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.059	8.960	9.160	19.970	20.000	-0.2
Tetrachloro-m-xylene	3.546	3.500	3.600	19.290	20.000	-3.6
alpha-BHC	4.001	3.950	4.050	9.920	10.000	-0.8
beta-BHC	4.531	4.480	4.580	10.060	10.000	0.6
gamma-BHC (Lindane)	4.334	4.280	4.380	9.660	10.000	-3.4
Endrin	6.580	6.510	6.650	41.060	50.000	-17.9
4,4'-DDT	7.030	6.960	7.100	88.060	100.000	-11.9
Methoxychlor	7.505	7.430	7.580	204.090	250.000	-18.4

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL092653.D Date Analyzed: 10/28/2024

Lab Sample No.(PEM): PEM Time Analyzed: 14:16

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.918	7.820	8.020	19.080	20.000	-4.6
Tetrachloro-m-xylene	2.778	2.730	2.830	18.500	20.000	-7.5
alpha-BHC	3.281	3.230	3.330	8.630	10.000	-13.7
beta-BHC	3.911	3.860	3.960	9.760	10.000	-2.4
gamma-BHC (Lindane)	3.611	3.560	3.660	8.390	10.000	-16.1
Endrin	5.643	5.570	5.710	44.130	50.000	-11.7
4,4'-DDT	6.042	5.970	6.110	98.070	100.000	-1.9
Methoxychlor	6.616	6.550	6.690	225.800	250.000	-9.7

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL092942.D Date Analyzed: 11/11/2024

Lab Sample No.(PEM): PEM Time Analyzed: 09:49

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	9.061	8.960	9.160	20.400	20.000	2.0
Tetrachloro-m-xylene	3.542	3.490	3.590	22.810	20.000	14.1
alpha-BHC	3.998	3.950	4.050	11.770	10.000	17.7
beta-BHC	4.529	4.480	4.580	12.130	10.000	21.3
gamma-BHC (Lindane)	4.331	4.280	4.380	11.570	10.000	15.7
Endrin	6.578	6.510	6.650	42.290	50.000	-15.4
4,4'-DDT	7.028	6.960	7.100	86.420	100.000	-13.6
Methoxychlor	7.504	7.430	7.570	198.890	250.000	-20.4

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL092942.D Date Analyzed: 11/11/2024

Lab Sample No.(PEM): PEM Time Analyzed: 09:49

PEM COMPOUND	RT	RT WINDOW		CALC	NOM	%D
		FROM	TO	AMOUNT(ng)	AMOUNT(ng)	
Decachlorobiphenyl	7.918	7.820	8.020	19.450	20.000	-2.8
Tetrachloro-m-xylene	2.778	2.730	2.830	22.330	20.000	11.7
alpha-BHC	3.280	3.230	3.330	10.690	10.000	6.9
beta-BHC	3.911	3.860	3.960	11.740	10.000	17.4
gamma-BHC (Lindane)	3.611	3.560	3.660	10.280	10.000	2.8
Endrin	5.643	5.570	5.710	50.510	50.000	1.0
4,4'-DDT	6.041	5.970	6.110	105.500	100.000	5.5
Methoxychlor	6.616	6.550	6.690	225.180	250.000	-9.9

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Contract: WALS01

Lab Code: CHEM Case No.: P4722 SAS No.: P4722 SDG NO.: P4722

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL092972.D Date Analyzed: 11/11/2024

Lab Sample No.(PEM): PEM Time Analyzed: 20:00

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	9.062	8.960	9.160	20.460	20.000	2.3
Tetrachloro-m-xylene	3.542	3.490	3.590	22.530	20.000	12.7
alpha-BHC	3.998	3.950	4.050	11.450	10.000	14.5
beta-BHC	4.529	4.480	4.580	11.720	10.000	17.2
gamma-BHC (Lindane)	4.331	4.280	4.380	11.150	10.000	11.5
Endrin	6.579	6.510	6.650	41.830	50.000	-16.3
4,4'-DDT	7.029	6.960	7.100	82.830	100.000	-17.2
Methoxychlor	7.506	7.440	7.580	196.860	250.000	-21.3

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 10/28/2024 10/28/2024

Client Sample No. (PEM): PEM - PL092972.D Date Analyzed: 11/11/2024

Lab Sample No.(PEM): PEM Time Analyzed: 20:00

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Decachlorobiphenyl	7.920	7.820	8.020	19.420	20.000	-2.9
Tetrachloro-m-xylene	2.779	2.730	2.830	21.700	20.000	8.5
alpha-BHC	3.282	3.230	3.330	10.340	10.000	3.4
beta-BHC	3.912	3.860	3.960	11.670	10.000	16.7
gamma-BHC (Lindane)	3.612	3.560	3.660	9.880	10.000	-1.2
Endrin	5.644	5.570	5.710	48.440	50.000	-3.1
4,4'-DDT	6.042	5.970	6.110	95.830	100.000	-4.2
Methoxychlor	6.618	6.550	6.690	221.160	250.000	-11.5

Analytical Sequence

Client: Walsh Construction Company II, LLC	SDG No.: P4722
Project: NYCDEP C547A - Shafts 17B-1 & 18B-1 Sta;	Instrument ID: ECD_L
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 10/28/2024 10/28/2024

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 #
LBLK	LBLK	10/28/2024	13:55	PL092652.D	9.05	3.54
PEM	PEM	10/28/2024	14:16	PL092653.D	9.06	3.55
RESCHK	RESCHK	10/28/2024	14:29	PL092654.D	9.05	3.54
PSTDICC100	PSTDICC100	10/28/2024	14:43	PL092655.D	9.05	3.54
PSTDICC075	PSTDICC075	10/28/2024	14:56	PL092656.D	9.05	3.54
PSTDICC050	PSTDICC050	10/28/2024	15:09	PL092657.D	9.05	3.54
PSTDICC025	PSTDICC025	10/28/2024	15:23	PL092658.D	9.05	3.54
PSTDICC005	PSTDICC005	10/28/2024	15:36	PL092659.D	9.05	3.54
PCHLORICC500	PCHLORICC500	10/28/2024	16:16	PL092662.D	9.06	3.54
PTOXICC500	PTOXICC500	10/28/2024	17:23	PL092667.D	9.05	3.54
LBLK	LBLK	11/11/2024	09:35	PL092941.D	9.06	3.54
PEM	PEM	11/11/2024	09:49	PL092942.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/11/2024	11:58	PL092943.D	9.06	3.54
PB164849BL	PB164849BL	11/11/2024	12:12	PL092944.D	9.06	3.54
PB164849BS	PB164849BS	11/11/2024	12:26	PL092945.D	9.06	3.54
PB164694TB	PB164694TB	11/11/2024	12:40	PL092946.D	9.06	3.54
LBLK	LBLK	11/11/2024	16:35	PL092959.D	9.07	3.55
PSTDCCC050	PSTDCCC050	11/11/2024	16:49	PL092960.D	9.06	3.54
LBLK	LBLK	11/11/2024	19:46	PL092971.D	9.06	3.54
PEM	PEM	11/11/2024	20:00	PL092972.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/11/2024	20:14	PL092973.D	9.06	3.54
WB-307-SB02MS	P4718-03MS	11/11/2024	23:01	PL092984.D	9.06	3.54
WB-307-SB02MSD	P4718-03MSD	11/11/2024	23:14	PL092985.D	9.06	3.54
WC-1(0-6)	P4722-04	11/11/2024	23:28	PL092986.D	9.06	3.54
WC-2(0-6)	P4722-09	11/11/2024	23:42	PL092987.D	9.06	3.54
WC-3(0-6)	P4722-14	11/11/2024	23:56	PL092988.D	9.06	3.54
LBLK	LBLK	11/12/2024	00:52	PL092992.D	9.06	3.54
PSTDCCC050	PSTDCCC050	11/12/2024	01:06	PL092993.D	9.06	3.54

Analytical Sequence

Client: Walsh Construction Company II, LLC	SDG No.: P4722
Project: NYCDEP C547A - Shafts 17B-1 & 18B-1 Sta;	Instrument ID: ECD_L
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 10/28/2024 10/28/2024

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 #
IBLK	IBLK	10/28/2024	13:55	PL092652.D	7.92	2.78
PEM	PEM	10/28/2024	14:16	PL092653.D	7.92	2.78
RESCHK	RESCHK	10/28/2024	14:29	PL092654.D	7.92	2.78
PSTDICC100	PSTDICC100	10/28/2024	14:43	PL092655.D	7.92	2.78
PSTDICC075	PSTDICC075	10/28/2024	14:56	PL092656.D	7.92	2.78
PSTDICC050	PSTDICC050	10/28/2024	15:09	PL092657.D	7.92	2.78
PSTDICC025	PSTDICC025	10/28/2024	15:23	PL092658.D	7.92	2.78
PSTDICC005	PSTDICC005	10/28/2024	15:36	PL092659.D	7.92	2.78
PCHLORICC500	PCHLORICC500	10/28/2024	16:16	PL092662.D	7.92	2.78
PTOXICC500	PTOXICC500	10/28/2024	17:23	PL092667.D	7.92	2.78
IBLK	IBLK	11/11/2024	09:35	PL092941.D	7.92	2.78
PEM	PEM	11/11/2024	09:49	PL092942.D	7.92	2.78
PSTDCCC050	PSTDCCC050	11/11/2024	11:58	PL092943.D	7.92	2.78
PB164849BL	PB164849BL	11/11/2024	12:12	PL092944.D	7.92	2.78
PB164849BS	PB164849BS	11/11/2024	12:26	PL092945.D	7.92	2.78
PB164694TB	PB164694TB	11/11/2024	12:40	PL092946.D	7.92	2.78
IBLK	IBLK	11/11/2024	16:35	PL092959.D	7.92	2.78
PSTDCCC050	PSTDCCC050	11/11/2024	16:49	PL092960.D	7.92	2.78
IBLK	IBLK	11/11/2024	19:46	PL092971.D	7.92	2.78
PEM	PEM	11/11/2024	20:00	PL092972.D	7.92	2.78
PSTDCCC050	PSTDCCC050	11/11/2024	20:14	PL092973.D	7.92	2.78
WB-307-SB02MS	P4718-03MS	11/11/2024	23:01	PL092984.D	7.92	2.78
WB-307-SB02MSD	P4718-03MSD	11/11/2024	23:14	PL092985.D	7.92	2.78
WC-1(0-6)	P4722-04	11/11/2024	23:28	PL092986.D	7.92	2.78
WC-2(0-6)	P4722-09	11/11/2024	23:42	PL092987.D	7.92	2.78
WC-3(0-6)	P4722-14	11/11/2024	23:56	PL092988.D	7.92	2.78
IBLK	IBLK	11/12/2024	00:52	PL092992.D	7.92	2.78
PSTDCCC050	PSTDCCC050	11/12/2024	01:06	PL092993.D	7.92	2.78

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

PB164849BS

Contract: WALS01

Lab Code: CHEM

Case No.: P4722

SAS No.: P4722

SDG NO.: P4722

Lab Sample ID: PB164849BS

Date(s) Analyzed: 11/11/2024

11/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.51	7.46	7.56	0.46	8.6
	2	6.62	6.57	6.67	0.50	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	0.48	6
	2	3.61	3.56	3.66	0.51	
Heptachlor	1	4.92	4.87	4.97	0.49	7.5
	2	3.95	3.90	4.00	0.53	
Heptachlor epoxide	1	5.69	5.64	5.74	0.48	10.6
	2	4.73	4.68	4.78	0.53	
Endrin	1	6.58	6.53	6.63	0.44	18.6
	2	5.64	5.59	5.69	0.53	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WB-307-SB02MS

Contract: WALS01

Lab Code: CHEM

Case No.: P4722

SAS No.: P4722

SDG NO.: P4722

Lab Sample ID: P4718-03MS

Date(s) Analyzed: 11/11/2024

11/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Endrin	1	6.58	6.53	6.63	4.40	16.7
	2	5.64	5.59	5.69	5.20	
Methoxychlor	1	7.51	7.46	7.56	4.50	6.5
	2	6.62	6.57	6.67	4.80	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	4.60	6.3
	2	3.61	3.56	3.66	4.90	
Heptachlor	1	4.92	4.87	4.97	5.00	7.7
	2	3.95	3.90	4.00	5.40	
Heptachlor epoxide	1	5.69	5.64	5.74	4.70	12
	2	4.73	4.68	4.78	5.30	

COMPOUND DETECTION SUMMARY

CLIENT SAMPLE NO.

WB-307-SB02MSD

Contract: WALS01

Lab Code: CHEM

Case No.: P4722

SAS No.: P4722

SDG NO.: P4722

Lab Sample ID: P4718-03MSD

Date(s) Analyzed: 11/11/2024

11/11/2024

Instrument ID (1): ECD_L

Instrument ID (2): ECD_L

GC Column: (1): ZB-MR2

ID: 0.32 (mm)

GC Column: (2): ZB-MR1

ID: 0.32 (mm)

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	%RPD
			FROM	TO		
Methoxychlor	1	7.50	7.45	7.55	4.50	6.5
	2	6.62	6.57	6.67	4.80	
gamma-BHC (Lindane)	1	4.33	4.28	4.38	4.60	6.3
	2	3.61	3.56	3.66	4.90	
Heptachlor	1	4.92	4.87	4.97	5.00	9.5
	2	3.95	3.90	4.00	5.50	
Heptachlor epoxide	1	5.69	5.64	5.74	4.80	9.9
	2	4.73	4.68	4.78	5.30	
Endrin	1	6.58	6.53	6.63	4.50	18.2
	2	5.64	5.59	5.69	5.40	