

DATA PACKAGE

METALS
GC SEMI-VOLATILES

PROJECT NAME : NYPA-ZELTMANN POWER PLANT-HSRG 7B

CORE ENVIRONMENTAL CONSULTANTS AND SERVICES, INC.

22-48 119th Street

College Point, NY - 11356

Phone No: 7187864730

ORDER ID : Q3346

ATTENTION : Roland Scardino



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3346

Project ID : NYPA-Zeltmann Power plant-HSRG 7B

Client : Core Environmental Consultants and Services, Inc.

Lab Sample Number

Q3346-01
Q3346-02

Client Sample Number

Zeltmann Power Plant HSRG 7B
Zeltmann Power Plant HSRG 7B

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 10:48 am, Oct 27, 2025

Date: 10/27/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Core Environmental Consultants and Services, Inc.

Project Name: NYPA-Zeltmann Power plant-HSRG 7B

Project # N/A

Order ID # Q3346

Test Name: PCB,TCLP ICP Metals,TCLP Mercury

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 10/14/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: PCB,TCLP ICP Metals,TCLP Mercury. This data package contains results for PCB(8082A),TCLP ICP Metals(6010D),TCLP Mercury(7470A).

C. Analytical Techniques:

PCB : The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

TCLP ICP Metals,TCLP Mercury : The analysis of TCLP ICP Metals was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following

PCB : The MS {Q3348-05MS} with File ID: PP075824.D recoveries met the requirements for all compounds except for [AR1016(2) - 172%] due to matrix interference.

The MSD recoveries met the requirements for all compounds except following

PCB : The MSD {Q3348-05MSD} with File ID: PP075825.D recoveries met the requirements for all compounds except for [AR1016(2) - 184%] due to matrix interference.

The RPD recoveries met criteria.

The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

The Continuous Calibration met the requirements.
The Duplicate analysis met criteria for all compound.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 10:48 am, Oct 27, 2025

Signature _____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3346

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 10/27/2025

LAB CHRONICLE

OrderID:	Q3346	OrderDate:	10/14/2025 2:29:14 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	NYPA-Zeltmann Power plant-HSRG 7B
Contact:	Roland Scardino	Location:	J31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3346-02	Zeltmann Power Plant HSRG 7B	SOIL			10/14/25			10/14/25
			PCB	8082A		10/16/25	10/16/25	

Hit Summary Sheet SW-846

SDG No.: Q3346

Order ID: Q3346

Client: Core Environmental Consultants and Services, In

Project ID: NYPA-Zeltmann Power plant-HSRG 7

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

A
B
C
D
E
F
G



SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/14/25
Project:	NYPA-Zeltmann Power plant-HSRG 7B	Date Received:	10/14/25
Client Sample ID:	Zeltmann Power Plant HSRG 7B	SDG No.:	Q3346
Lab Sample ID:	Q3346-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	96.1
Sample Wt/Vol:	30.04 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Test:	PCB
	Prep Date		10/16/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.10	U	1	4.10	17.7	ug/kg	10/16/25 12:34	PB170119
11104-28-2	Aroclor-1221	4.20	U	1	4.20	17.7	ug/kg	10/16/25 12:34	PB170119
11141-16-5	Aroclor-1232	3.90	U	1	3.90	17.7	ug/kg	10/16/25 12:34	PB170119
53469-21-9	Aroclor-1242	4.20	U	1	4.20	17.7	ug/kg	10/16/25 12:34	PB170119
12672-29-6	Aroclor-1248	6.20	U	1	6.20	17.7	ug/kg	10/16/25 12:34	PB170119
11097-69-1	Aroclor-1254	3.30	U	1	3.30	17.7	ug/kg	10/16/25 12:34	PB170119
37324-23-5	Aroclor-1262	5.20	U	1	5.20	17.7	ug/kg	10/16/25 12:34	PB170119
11100-14-4	Aroclor-1268	3.70	U	1	3.70	17.7	ug/kg	10/16/25 12:34	PB170119
11096-82-5	Aroclor-1260	3.40	U	1	3.40	17.7	ug/kg	10/16/25 12:34	PB170119
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.6			32 - 144	133%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.9			32 - 175	130%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



QC SUMMARY

Surrogate Summary

SDG No.: Q3346

Client: Core Environmental Consultants and Ser

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PP075246.D	PIBLK-PP075246.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	19.4	97		60	140
		Tetrachloro-m-xyl	2	20	17.9	90		60	140
		Decachlorobiphen	2	20	20.0	100		60	140
I.BLK-PP075818.D	PIBLK-PP075818.D	Tetrachloro-m-xyl	1	20	22.3	112		60	140
		Decachlorobiphen	1	20	20.7	104		60	140
		Tetrachloro-m-xyl	2	20	18.9	94		60	140
		Decachlorobiphen	2	20	22.0	110		60	140
PB170119BL	PB170119BL	Tetrachloro-m-xyl	1	20	23.3	116		32	144
		Decachlorobiphen	1	20	22.0	110		32	175
		Tetrachloro-m-xyl	2	20	20.9	104		32	144
		Decachlorobiphen	2	20	23.8	119		32	175
PB170119BS	PB170119BS	Tetrachloro-m-xyl	1	20	26.2	131		32	144
		Decachlorobiphen	1	20	23.8	119		32	175
		Tetrachloro-m-xyl	2	20	12.6	63		32	144
		Decachlorobiphen	2	20	25.5	128		32	175
Q3346-02	Zeltmann Power Plant HSRG 7B	Tetrachloro-m-xyl	1	20	26.6	133		32	144
		Decachlorobiphen	1	20	24.6	123		32	175
		Tetrachloro-m-xyl	2	20	25.4	127		32	144
		Decachlorobiphen	2	20	25.9	130		32	175
Q3348-05MS	WCS-TP2MS	Tetrachloro-m-xyl	1	20	25.0	125		32	144
		Decachlorobiphen	1	20	17.2	86		32	175
		Tetrachloro-m-xyl	2	20	14.9	74		32	144
		Decachlorobiphen	2	20	18.1	90		32	175
Q3348-05MSD	WCS-TP2MSD	Tetrachloro-m-xyl	1	20	26.5	133		32	144
		Decachlorobiphen	1	20	18.6	93		32	175
		Tetrachloro-m-xyl	2	20	11.4	57		32	144
		Decachlorobiphen	2	20	19.3	97		32	175
I.BLK-PP075833.D	PIBLK-PP075833.D	Tetrachloro-m-xyl	1	20	21.4	107		60	140
		Decachlorobiphen	1	20	19.8	99		60	140
		Tetrachloro-m-xyl	2	20	18.8	94		60	140
		Decachlorobiphen	2	20	21.6	108		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3346</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Core Environmental Consultants and Serv</u>	DataFile :	<u>PP075824.D</u>

			Sample				Rec		RPD		Limits	
	Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3348-05MS	Client Sample ID:		WCS-TP2MS								
	(Column 1)											
	AR1016	196.5	0	248	ug/kg	126				55	146	
	AR1260	196.5	0	222	ug/kg	113				54	119	
Lab Sample ID:	Q3348-05MS	Client Sample ID:		WCS-TP2MS								
	(Column 2)											
	AR1016	196.5	0	337	ug/kg	172	*			55	146	
	AR1260	196.5	0	207	ug/kg	105				54	119	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3346</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Core Environmental Consultants and Serv</u>	DataFile :	<u>PP075825.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3348-05MSD	Client Sample ID:		WCS-TP2MSD							
(Column 1)											
AR1016	196.4	0	263	ug/kg	134		6		55	146	15
AR1260	196.4	0	232	ug/kg	118		4		54	119	15
Lab Sample ID:	Q3348-05MSD	Client Sample ID:		WCS-TP2MSD							
(Column 2)											
AR1016	196.4	0	362	ug/kg	184	*	7		55	146	15
AR1260	196.4	0	216	ug/kg	110		5		54	119	15

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3346</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Core Environmental Consultants and Serv</u>	Datafile :	<u>PP075820.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170119BS (Column 1)	AR1016	166.5	191	ug/kg	115				71	120	
	AR1260	166.5	184	ug/kg	111				65	130	
PB170119BS (Column 2)	AR1016	166.5	172	ug/kg	103				71	120	
	AR1260	166.5	171	ug/kg	103				65	130	

4C
PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170119BL

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3346

Lab Sample ID: PB170119BL

Lab File ID: PP075819.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/16/2025

Date Analyzed (1): 10/16/2025

Date Analyzed (2): 10/16/2025

Time Analyzed (1): 12:01

Time Analyzed (2): 12:01

Instrument ID (1): ECD_P

Instrument ID (2): ECD_P

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
PB170119BS	PB170119BS	PP075820.D	10/16/2025	10/16/2025
Zeltmann Power Plant HSRG 7B	Q3346-02	PP075821.D	10/16/2025	10/16/2025
WCS-TP2MS	Q3348-05MS	PP075824.D	10/16/2025	10/16/2025
WCS-TP2MSD	Q3348-05MSD	PP075825.D	10/16/2025	10/16/2025

COMMENTS: _____



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3346</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
		Calibration Times:	<u>08:45</u> <u>17:14</u>

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

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

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

RETENTION TIMES OF INITIAL CALIBRATION

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

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CORE02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3346</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
		Calibration Times:	<u>08:45</u> <u>17:14</u>

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

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

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

RETENTION TIMES OF INITIAL CALIBRATION

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

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD_P

Contract: CORE02

SDG NO.: Q3346

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

Calibration Times: 08:45 17:14

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance

Lab Code: ACE

Instrument ID: ECD_P

Contract: CORE02

SDG NO.: Q3346

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

Calibration Times: 08:45 17:14

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3346

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

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

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3346

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

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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3346
Continuing Calib Date: 10/16/2025 **Initial Calibration Date(s):** 09/23/2025 09/23/2025
Continuing Calib Time: 09:56 **Initial Calibration Time(s):** 08:45 17:14

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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3346

Continuing Calib Date: 10/16/2025

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

Continuing Calib Time: 09:56

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

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.06	5.07	4.97	5.17	0.01
Aroclor-1016-4	(4)	5.10	5.11	5.01	5.21	0.01
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.02
Aroclor-1260-2	(2)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.69	6.70	6.60	6.80	0.02
Aroclor-1260-4	(4)	7.15	7.17	7.07	7.27	0.02
Aroclor-1260-5	(5)	7.39	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.79	3.80	3.70	3.90	0.01
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3346
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/16/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075814.D **Time Analyzed:** 09:56

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.805	5.708	5.908	524.060	500.000	4.8
Aroclor-1016-2	5.826	5.729	5.929	548.640	500.000	9.7
Aroclor-1016-3	5.890	5.792	5.992	517.900	500.000	3.6
Aroclor-1016-4	5.987	5.889	6.089	550.940	500.000	10.2
Aroclor-1016-5	6.279	6.181	6.381	564.660	500.000	12.9
Aroclor-1260-1	7.396	7.299	7.499	531.080	500.000	6.2
Aroclor-1260-2	7.649	7.551	7.751	521.710	500.000	4.3
Aroclor-1260-3	8.007	7.909	8.109	567.070	500.000	13.4
Aroclor-1260-4	8.236	8.137	8.337	576.380	500.000	15.3
Aroclor-1260-5	8.561	8.464	8.664	568.290	500.000	13.7
Decachlorobiphenyl	10.432	10.334	10.534	44.940	50.000	-10.1
Tetrachloro-m-xylene	4.653	4.555	4.755	50.300	50.000	0.6

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3346
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/16/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075814.D **Time Analyzed:** 09:56

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.885	4.793	4.993	530.840	500.000	6.2
Aroclor-1016-2	4.942	4.851	5.051	558.870	500.000	11.8
Aroclor-1016-3	5.062	4.971	5.171	510.110	500.000	2.0
Aroclor-1016-4	5.103	5.011	5.211	544.920	500.000	9.0
Aroclor-1016-5	5.317	5.225	5.425	535.260	500.000	7.1
Aroclor-1260-1	6.345	6.255	6.455	512.440	500.000	2.5
Aroclor-1260-2	6.532	6.441	6.641	517.060	500.000	3.4
Aroclor-1260-3	6.685	6.595	6.795	508.690	500.000	1.7
Aroclor-1260-4	7.154	7.065	7.265	473.290	500.000	-5.3
Aroclor-1260-5	7.393	7.304	7.504	492.900	500.000	-1.4
Decachlorobiphenyl	8.791	8.703	8.903	49.540	50.000	-0.9
Tetrachloro-m-xylene	3.789	3.696	3.896	48.430	50.000	-3.1

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3346

Continuing Calib Date: 10/16/2025

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

Continuing Calib Time: 15:33

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

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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CORE02

Lab Code: ACE

SDG NO.: Q3346

Continuing Calib Date: 10/16/2025

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

09/23/2025

Continuing Calib Time: 15:33

Initial Calibration Time(s): 08:45

17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.06	5.07	4.97	5.17	0.01
Aroclor-1016-4	(4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.69	6.70	6.60	6.80	0.01
Aroclor-1260-4	(4)	7.16	7.17	7.07	7.27	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.79	3.80	3.70	3.90	0.01
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3346
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/16/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075829.D **Time Analyzed:** 15:33

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.806	5.708	5.908	516.640	500.000	3.3
Aroclor-1016-2	5.827	5.729	5.929	532.710	500.000	6.5
Aroclor-1016-3	5.890	5.792	5.992	504.020	500.000	0.8
Aroclor-1016-4	5.987	5.889	6.089	538.270	500.000	7.7
Aroclor-1016-5	6.279	6.181	6.381	542.030	500.000	8.4
Aroclor-1260-1	7.397	7.299	7.499	511.870	500.000	2.4
Aroclor-1260-2	7.650	7.551	7.751	502.310	500.000	0.5
Aroclor-1260-3	8.008	7.909	8.109	548.630	500.000	9.7
Aroclor-1260-4	8.237	8.137	8.337	559.350	500.000	11.9
Aroclor-1260-5	8.563	8.464	8.664	553.920	500.000	10.8
Decachlorobiphenyl	10.433	10.334	10.534	43.510	50.000	-13.0
Tetrachloro-m-xylene	4.653	4.555	4.755	48.900	50.000	-2.2

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **SDG NO.:** Q3346
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/16/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075829.D **Time Analyzed:** 15:33

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.886	4.793	4.993	540.720	500.000	8.1
Aroclor-1016-2	4.944	4.851	5.051	559.970	500.000	12.0
Aroclor-1016-3	5.064	4.971	5.171	512.260	500.000	2.5
Aroclor-1016-4	5.105	5.011	5.211	547.200	500.000	9.4
Aroclor-1016-5	5.319	5.225	5.425	525.650	500.000	5.1
Aroclor-1260-1	6.347	6.255	6.455	491.540	500.000	-1.7
Aroclor-1260-2	6.534	6.441	6.641	504.780	500.000	1.0
Aroclor-1260-3	6.687	6.595	6.795	496.650	500.000	-0.7
Aroclor-1260-4	7.156	7.065	7.265	466.620	500.000	-6.7
Aroclor-1260-5	7.396	7.304	7.504	483.480	500.000	-3.3
Decachlorobiphenyl	8.793	8.703	8.903	49.870	50.000	-0.3
Tetrachloro-m-xylene	3.792	3.696	3.896	48.290	50.000	-3.4

Analytical Sequence

Client:	Core Environmental Consultants and Servi	SDG No.:	Q3346
Project:	NYPa-Zeltmann Power plant-HSRG 7B	Instrument ID:	ECD_P
GC Column:	ZB-MR1	ID: 0.32 (mm)	Inst. Calib. Date(s): 09/23/2025 09/23/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/23/2025	08:29	PP075246.D	10.44	4.66
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	10.43	4.65
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	10.44	4.66
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	10.43	4.66
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	10.43	4.66
AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	10.45	4.66
AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	10.44	4.66
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	10.44	4.66
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	10.44	4.66
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	10.44	4.66
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	10.44	4.66
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	10.44	4.66
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	10.44	4.66
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	10.43	4.66
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	10.44	4.66
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	10.44	4.66
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	10.44	4.66
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	10.44	4.66
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	10.44	4.66
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	10.44	4.66
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	10.44	4.66
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	10.44	4.66
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	10.43	4.66
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	10.44	4.66
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	10.44	4.66
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	10.44	4.66
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	10.44	4.66
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	10.44	4.66
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	10.44	4.66
AR1660CCC500	AR1660CCC500	10/16/2025	09:56	PP075814.D	10.43	4.65
IBLK	IBLK	10/16/2025	11:01	PP075818.D	10.43	4.65
PB170119BL	PB170119BL	10/16/2025	12:01	PP075819.D	10.45	4.66
PB170119BS	PB170119BS	10/16/2025	12:18	PP075820.D	10.44	4.65
Zeltmann Power Plant HSRG 7B	Q3346-02	10/16/2025	12:34	PP075821.D	10.43	4.65
WCS-TP2MS	Q3348-05MS	10/16/2025	13:23	PP075824.D	10.43	4.65
WCS-TP2MSD	Q3348-05MSD	10/16/2025	13:39	PP075825.D	10.43	4.65
AR1660CCC500	AR1660CCC500	10/16/2025	15:33	PP075829.D	10.43	4.65
IBLK	IBLK	10/16/2025	16:38	PP075833.D	10.43	4.65

Analytical Sequence

Client: Core Environmental Consultants and Servi	SDG No.: Q3346
Project: NYPA-Zeltmann Power plant-HSRG 7B	Instrument ID: ECD_P
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 09/23/2025 09/23/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	09/23/2025	08:29	PP075246.D	8.81	3.80
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	8.81	3.80
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	8.80	3.80
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	8.80	3.80
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	8.80	3.80
AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	8.81	3.80
AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	8.81	3.80
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	8.81	3.80
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	8.81	3.80
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	8.81	3.80
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	8.81	3.80
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	8.81	3.80
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	8.80	3.80
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	8.80	3.80
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	8.81	3.80
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	8.80	3.80
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	8.81	3.80
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	8.80	3.80
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	8.81	3.80
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	8.81	3.80
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	8.81	3.80
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	8.81	3.80
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	8.81	3.80
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	8.81	3.80
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	8.81	3.80
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	8.81	3.80
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	8.81	3.80
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	8.80	3.80
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	8.81	3.80
AR1660CCC500	AR1660CCC500	10/16/2025	09:56	PP075814.D	8.79	3.79
IBLK	IBLK	10/16/2025	11:01	PP075818.D	8.79	3.79
PB170119BL	PB170119BL	10/16/2025	12:01	PP075819.D	8.80	3.79
PB170119BS	PB170119BS	10/16/2025	12:18	PP075820.D	8.79	3.79
Zeltmann Power Plant HSRG 7B	Q3346-02	10/16/2025	12:34	PP075821.D	8.79	3.79
WCS-TP2MS	Q3348-05MS	10/16/2025	13:23	PP075824.D	8.79	3.79
WCS-TP2MSD	Q3348-05MSD	10/16/2025	13:39	PP075825.D	8.79	3.79
AR1660CCC500	AR1660CCC500	10/16/2025	15:33	PP075829.D	8.79	3.79
IBLK	IBLK	10/16/2025	16:38	PP075833.D	8.79	3.79



QC SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	NYPA-Zeltmann Power plant-HSRG 7B		Date Received:	
Client Sample ID:	PB170119BL		SDG No.:	Q3346
Lab Sample ID:	PB170119BL		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date 10/16/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	3.90	U	1	3.90	17.0	ug/kg	10/16/25 12:01	PB170119
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	10/16/25 12:01	PB170119
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	10/16/25 12:01	PB170119
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	10/16/25 12:01	PB170119
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	10/16/25 12:01	PB170119
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	10/16/25 12:01	PB170119
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	10/16/25 12:01	PB170119
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	10/16/25 12:01	PB170119
11096-82-5	Aroclor-1260	3.20	U	1	3.20	17.0	ug/kg	10/16/25 12:01	PB170119
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.3			32 - 144	116%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.8			32 - 175	119%	SPK: 20		

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:	Core Environmental Consultants and Services, Inc.		Date Collected:	09/23/25	
Project:	NYPA-Zeltmann Power plant-HSRG 7B		Date Received:	09/23/25	
Client Sample ID:	PIBLK-PP075246.D		SDG No.:	Q3346	
Lab Sample ID:	I.BLK-PP075246.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:			

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	09/23/25	pp092325
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	09/23/25	pp092325
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	09/23/25	pp092325
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	09/23/25	pp092325
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	09/23/25	pp092325
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	09/23/25	pp092325
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	09/23/25	pp092325
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	09/23/25	pp092325
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	09/23/25	pp092325
SURROGATES									
877-09-8	Tetrachloro-m-xylene	17.9			60 - 140	90%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.4			60 - 140	97%	SPK: 20		

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:	Core Environmental Consultants and Services, Inc.		Date Collected:	10/16/25
Project:	NYPA-Zeltmann Power plant-HSRG 7B		Date Received:	10/16/25
Client Sample ID:	PIBLK-PP075818.D		SDG No.:	Q3346
Lab Sample ID:	I.BLK-PP075818.D		Matrix:	WATER
Analytical Method:	8082A		% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:
Prep Method:	5030	Prep Date:		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/16/25	pp101625
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/16/25	pp101625
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/16/25	pp101625
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/16/25	pp101625
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/16/25	pp101625
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/16/25	pp101625
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/16/25	pp101625
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/16/25	pp101625
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/16/25	pp101625
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.9			60 - 140	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.7			60 - 140	104%	SPK: 20		

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:	Core Environmental Consultants and Services, Inc.		Date Collected:	10/16/25	
Project:	NYPA-Zeltmann Power plant-HSRG 7B		Date Received:	10/16/25	
Client Sample ID:	PIBLK-PP075833.D		SDG No.:	Q3346	
Lab Sample ID:	I.BLK-PP075833.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:			

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/16/25	pp101625
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/16/25	pp101625
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/16/25	pp101625
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/16/25	pp101625
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/16/25	pp101625
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/16/25	pp101625
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/16/25	pp101625
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/16/25	pp101625
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/16/25	pp101625
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.8			60 - 140	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.8			60 - 140	99%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	
Project:	NYPA-Zeltmann Power plant-HSRG 7B		Date Received:	
Client Sample ID:	PB170119BS		SDG No.:	Q3346
Lab Sample ID:	PB170119BS		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/16/25	PCB

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	191		1	3.90	17.0	ug/kg	10/16/25 12:18	PB170119
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	10/16/25 12:18	PB170119
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	10/16/25 12:18	PB170119
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	10/16/25 12:18	PB170119
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	10/16/25 12:18	PB170119
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	10/16/25 12:18	PB170119
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	10/16/25 12:18	PB170119
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	10/16/25 12:18	PB170119
11096-82-5	Aroclor-1260	184		1	3.20	17.0	ug/kg	10/16/25 12:18	PB170119
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.2			32 - 144	131%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.5			32 - 175	128%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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

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Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.		Date Collected:	10/14/25
Project:	NYPA-Zeltmann Power plant-HSRG 7B		Date Received:	10/14/25
Client Sample ID:	WCS-TP2MS		SDG No.:	Q3346
Lab Sample ID:	Q3348-05MS		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	84.7
Sample Wt/Vol:	30.04 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/16/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	337		1	4.70	20.0	ug/kg	10/16/25 13:23	PB170119
11104-28-2	Aroclor-1221	4.80	U	1	4.80	20.0	ug/kg	10/16/25 13:23	PB170119
11141-16-5	Aroclor-1232	4.40	U	1	4.40	20.0	ug/kg	10/16/25 13:23	PB170119
53469-21-9	Aroclor-1242	4.70	U	1	4.70	20.0	ug/kg	10/16/25 13:23	PB170119
12672-29-6	Aroclor-1248	7.00	U	1	7.00	20.0	ug/kg	10/16/25 13:23	PB170119
11097-69-1	Aroclor-1254	3.80	U	1	3.80	20.0	ug/kg	10/16/25 13:23	PB170119
37324-23-5	Aroclor-1262	5.90	U	1	5.90	20.0	ug/kg	10/16/25 13:23	PB170119
11100-14-4	Aroclor-1268	4.20	U	1	4.20	20.0	ug/kg	10/16/25 13:23	PB170119
11096-82-5	Aroclor-1260	222		1	3.80	20.0	ug/kg	10/16/25 13:23	PB170119
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.0			32 - 144	125%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.1			32 - 175	90%	SPK: 20		

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LOD = Limit of Detection

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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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:	Core Environmental Consultants and Services, Inc.		Date Collected:	10/14/25
Project:	NYPA-Zeltmann Power plant-HSRG 7B		Date Received:	10/14/25
Client Sample ID:	WCS-TP2MSD		SDG No.:	Q3346
Lab Sample ID:	Q3348-05MSD		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	84.7
Sample Wt/Vol:	30.05 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/16/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	362		1	4.70	20.0	ug/kg	10/16/25 13:39	PB170119
11104-28-2	Aroclor-1221	4.80	U	1	4.80	20.0	ug/kg	10/16/25 13:39	PB170119
11141-16-5	Aroclor-1232	4.40	U	1	4.40	20.0	ug/kg	10/16/25 13:39	PB170119
53469-21-9	Aroclor-1242	4.70	U	1	4.70	20.0	ug/kg	10/16/25 13:39	PB170119
12672-29-6	Aroclor-1248	7.00	U	1	7.00	20.0	ug/kg	10/16/25 13:39	PB170119
11097-69-1	Aroclor-1254	3.80	U	1	3.80	20.0	ug/kg	10/16/25 13:39	PB170119
37324-23-5	Aroclor-1262	5.90	U	1	5.90	20.0	ug/kg	10/16/25 13:39	PB170119
11100-14-4	Aroclor-1268	4.20	U	1	4.20	20.0	ug/kg	10/16/25 13:39	PB170119
11096-82-5	Aroclor-1260	232		1	3.80	20.0	ug/kg	10/16/25 13:39	PB170119
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.5			32 - 144	133%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.3			32 - 175	97%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q3346	OrderDate:	10/14/2025 2:29:14 PM
Client:	Core Environmental Consultants and Services, Inc.	Project:	NYPA-Zeltmann Power plant-HSRG 7B
Contact:	Roland Scardino	Location:	J31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3346-01	Zeltmann Power Plant HSRG 7B	TCLP			10/14/25			10/14/25
			TCLP ICP Metals	6010D		10/15/25	10/16/25	
			TCLP Mercury	7470A		10/16/25	10/16/25	

Hit Summary Sheet
SW-846

SDG No.:	Q3346	Order ID:	Q3346
Client:	Core Environmental Consultants and Services, Inc.	Project ID:	NYPA-Zeltmann Power plant-HSRG 7B

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : Zeltmann Power Plant HSRG 7B								
Q3346-01	Zeltmann Power Plant HSRG 7B	TCLP	Arsenic	639		25.6	100	ug/L
Q3346-01	Zeltmann Power Plant HSRG 7B	TCLP	Cadmium	98.6		2.50	30.0	ug/L
Q3346-01	Zeltmann Power Plant HSRG 7B	TCLP	Chromium	7940		10.6	50.0	ug/L
Q3346-01	Zeltmann Power Plant HSRG 7B	TCLP	Lead	829		11.5	60.0	ug/L
Q3346-01	Zeltmann Power Plant HSRG 7B	TCLP	Mercury	2.99		0.76	2.00	ug/L



SAMPLE DATA

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/14/25
Project:	NYPA-Zeltmann Power plant-HSRG 7B	Date Received:	10/14/25
Client Sample ID:	Zeltmann Power Plant HSRG 7B	SDG No.:	Q3346
Lab Sample ID:	Q3346-01	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	639		1	25.6	100	ug/L	10/15/25 12:30	10/16/25 16:01	6010D	SW3010A
7440-39-3	Barium	72.8	U	1	72.8	500	ug/L	10/15/25 12:30	10/16/25 16:01	6010D	SW3010A
7440-43-9	Cadmium	98.6		1	2.50	30.0	ug/L	10/15/25 12:30	10/16/25 16:01	6010D	SW3010A
7440-47-3	Chromium	7940		1	10.6	50.0	ug/L	10/15/25 12:30	10/16/25 16:01	6010D	SW3010A
7439-92-1	Lead	829		1	11.5	60.0	ug/L	10/15/25 12:30	10/16/25 16:01	6010D	SW3010A
7439-97-6	Mercury	2.99		1	0.76	2.00	ug/L	10/16/25 10:01	10/16/25 15:23	7470A	7470A
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	10/15/25 12:30	10/16/25 16:01	6010D	SW3010A
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	10/15/25 12:30	10/16/25 16:01	6010D	SW3010A

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N = Spiked sample recovery not within control limits



METAL CALIBRATION DATA

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV75	Mercury	3.69	4.0	92	90 - 110	CV	10/16/2025	14:35	LB137565

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV40	Mercury	4.54	5.0	91	90 - 110	CV	10/16/2025	14:40	LB137565
CCV41	Mercury	4.57	5.0	91	90 - 110	CV	10/16/2025	15:14	LB137565
CCV42	Mercury	4.69	5.0	94	90 - 110	CV	10/16/2025	15:44	LB137565
CCV43	Mercury	4.74	5.0	95	90 - 110	CV	10/16/2025	16:17	LB137565
CCV44	Mercury	4.63	5.0	93	90 - 110	CV	10/16/2025	16:38	LB137565

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3920	4000	98	90 - 110	P	10/16/2025	11:34	LB137573
	Barium	7880	8000	98	90 - 110	P	10/16/2025	11:34	LB137573
	Cadmium	1930	2000	97	90 - 110	P	10/16/2025	11:34	LB137573
	Chromium	797	800	100	90 - 110	P	10/16/2025	11:34	LB137573
	Lead	3800	4000	95	90 - 110	P	10/16/2025	11:34	LB137573
	Selenium	3910	4000	98	90 - 110	P	10/16/2025	11:34	LB137573
	Silver	965	1000	96	90 - 110	P	10/16/2025	11:34	LB137573

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	20.2	20.0	101	80 - 120	P	10/16/2025	11:58	LB137573
	Barium	92.6	100	93	80 - 120	P	10/16/2025	11:58	LB137573
	Cadmium	5.80	6.0	97	80 - 120	P	10/16/2025	11:58	LB137573
	Chromium	10.3	10.0	103	80 - 120	P	10/16/2025	11:58	LB137573
	Lead	10.6	12.0	89	80 - 120	P	10/16/2025	11:58	LB137573
	Selenium	21.3	20.0	107	80 - 120	P	10/16/2025	11:58	LB137573
	Silver	10.4	10.0	104	80 - 120	P	10/16/2025	11:58	LB137573

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client:	<u>Core Environmental Consultants and Services, In</u>	SDG No.:	<u>Q3346</u>
Contract:	<u>CORE02</u>	Lab Code:	<u>ACE</u>
Initial Calibration Source:	<u>EPA</u>		
Continuing Calibration Source:	<u>Inorganic Ventures</u>		

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5080	5000	102	90 - 110	P	10/16/2025	12:38	LB137573
	Barium	9890	10000	99	90 - 110	P	10/16/2025	12:38	LB137573
	Cadmium	2510	2500	100	90 - 110	P	10/16/2025	12:38	LB137573
	Chromium	1010	1000	101	90 - 110	P	10/16/2025	12:38	LB137573
	Lead	4970	5000	100	90 - 110	P	10/16/2025	12:38	LB137573
	Selenium	5110	5000	102	90 - 110	P	10/16/2025	12:38	LB137573
	Silver	1250	1250	100	90 - 110	P	10/16/2025	12:38	LB137573
CCV02	Arsenic	4920	5000	98	90 - 110	P	10/16/2025	13:45	LB137573
	Barium	9950	10000	100	90 - 110	P	10/16/2025	13:45	LB137573
	Cadmium	2390	2500	96	90 - 110	P	10/16/2025	13:45	LB137573
	Chromium	958	1000	96	90 - 110	P	10/16/2025	13:45	LB137573
	Lead	4800	5000	96	90 - 110	P	10/16/2025	13:45	LB137573
	Selenium	4940	5000	99	90 - 110	P	10/16/2025	13:45	LB137573
	Silver	1220	1250	98	90 - 110	P	10/16/2025	13:45	LB137573
CCV03	Arsenic	4840	5000	97	90 - 110	P	10/16/2025	14:45	LB137573
	Barium	9620	10000	96	90 - 110	P	10/16/2025	14:45	LB137573
	Cadmium	2360	2500	95	90 - 110	P	10/16/2025	14:45	LB137573
	Chromium	959	1000	96	90 - 110	P	10/16/2025	14:45	LB137573
	Lead	4740	5000	95	90 - 110	P	10/16/2025	14:45	LB137573
	Selenium	4870	5000	97	90 - 110	P	10/16/2025	14:45	LB137573
	Silver	1210	1250	97	90 - 110	P	10/16/2025	14:45	LB137573
CCV04	Arsenic	4880	5000	98	90 - 110	P	10/16/2025	15:38	LB137573
	Barium	9380	10000	94	90 - 110	P	10/16/2025	15:38	LB137573
	Cadmium	2370	2500	95	90 - 110	P	10/16/2025	15:38	LB137573
	Chromium	975	1000	98	90 - 110	P	10/16/2025	15:38	LB137573
	Lead	4760	5000	95	90 - 110	P	10/16/2025	15:38	LB137573
	Selenium	4970	5000	99	90 - 110	P	10/16/2025	15:38	LB137573
	Silver	1220	1250	98	90 - 110	P	10/16/2025	15:38	LB137573
CCV05	Arsenic	5080	5000	102	90 - 110	P	10/16/2025	16:31	LB137573
	Barium	9930	10000	99	90 - 110	P	10/16/2025	16:31	LB137573
	Cadmium	2400	2500	96	90 - 110	P	10/16/2025	16:31	LB137573
	Chromium	964	1000	96	90 - 110	P	10/16/2025	16:31	LB137573
	Lead	4880	5000	98	90 - 110	P	10/16/2025	16:31	LB137573
	Selenium	5210	5000	104	90 - 110	P	10/16/2025	16:31	LB137573

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Silver	1260	1250	101	90 - 110	P	10/16/2025	16:31	LB137573
CCV06	Arsenic	4810	5000	96	90 - 110	P	10/16/2025	17:49	LB137573
	Barium	9330	10000	93	90 - 110	P	10/16/2025	17:49	LB137573
	Cadmium	2300	2500	92	90 - 110	P	10/16/2025	17:49	LB137573
	Chromium	932	1000	93	90 - 110	P	10/16/2025	17:49	LB137573
	Lead	4650	5000	93	90 - 110	P	10/16/2025	17:49	LB137573
	Selenium	4920	5000	98	90 - 110	P	10/16/2025	17:49	LB137573
	Silver	1200	1250	96	90 - 110	P	10/16/2025	17:49	LB137573
CCV07	Arsenic	4900	5000	98	90 - 110	P	10/16/2025	18:42	LB137573
	Barium	9660	10000	97	90 - 110	P	10/16/2025	18:42	LB137573
	Cadmium	2350	2500	94	90 - 110	P	10/16/2025	18:42	LB137573
	Chromium	956	1000	96	90 - 110	P	10/16/2025	18:42	LB137573
	Lead	4760	5000	95	90 - 110	P	10/16/2025	18:42	LB137573
	Selenium	4950	5000	99	90 - 110	P	10/16/2025	18:42	LB137573
	Silver	1220	1250	98	90 - 110	P	10/16/2025	18:42	LB137573
CCV08	Arsenic	4970	5000	99	90 - 110	P	10/16/2025	19:33	LB137573
	Barium	9350	10000	94	90 - 110	P	10/16/2025	19:33	LB137573
	Cadmium	2370	2500	95	90 - 110	P	10/16/2025	19:33	LB137573
	Chromium	971	1000	97	90 - 110	P	10/16/2025	19:33	LB137573
	Lead	4800	5000	96	90 - 110	P	10/16/2025	19:33	LB137573
	Selenium	5120	5000	102	90 - 110	P	10/16/2025	19:33	LB137573
	Silver	1230	1250	99	90 - 110	P	10/16/2025	19:33	LB137573

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3970	4000	99	90 - 110	P	10/20/2025	12:32	LB137590
	Barium	7750	8000	97	90 - 110	P	10/20/2025	12:32	LB137590
	Cadmium	1960	2000	98	90 - 110	P	10/20/2025	12:32	LB137590
	Chromium	820	800	102	90 - 110	P	10/20/2025	12:32	LB137590
	Lead	3870	4000	97	90 - 110	P	10/20/2025	12:32	LB137590
	Selenium	4040	4000	101	90 - 110	P	10/20/2025	12:32	LB137590
	Silver	1010	1000	101	90 - 110	P	10/20/2025	12:32	LB137590

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	20.4	20.0	102	80 - 120	P	10/20/2025	12:41	LB137590
	Barium	102	100	102	80 - 120	P	10/20/2025	12:41	LB137590
	Cadmium	5.93	6.0	99	80 - 120	P	10/20/2025	12:41	LB137590
	Chromium	10.6	10.0	106	80 - 120	P	10/20/2025	12:41	LB137590
	Lead	11.8	12.0	98	80 - 120	P	10/20/2025	12:41	LB137590
	Selenium	23.8	20.0	119	80 - 120	P	10/20/2025	12:41	LB137590
	Silver	10.4	10.0	104	80 - 120	P	10/20/2025	12:41	LB137590

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, Inc

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5020	5000	100	90 - 110	P	10/20/2025	13:15	LB137590
	Barium	9680	10000	97	90 - 110	P	10/20/2025	13:15	LB137590
	Cadmium	2480	2500	99	90 - 110	P	10/20/2025	13:15	LB137590
	Chromium	1020	1000	102	90 - 110	P	10/20/2025	13:15	LB137590
	Lead	4930	5000	99	90 - 110	P	10/20/2025	13:15	LB137590
	Selenium	5080	5000	102	90 - 110	P	10/20/2025	13:15	LB137590
	Silver	1260	1250	101	90 - 110	P	10/20/2025	13:15	LB137590
CCV02	Arsenic	4790	5000	96	90 - 110	P	10/20/2025	14:19	LB137590
	Barium	9180	10000	92	90 - 110	P	10/20/2025	14:19	LB137590
	Cadmium	2320	2500	93	90 - 110	P	10/20/2025	14:19	LB137590
	Chromium	944	1000	94	90 - 110	P	10/20/2025	14:19	LB137590
	Lead	4640	5000	93	90 - 110	P	10/20/2025	14:19	LB137590
	Selenium	4860	5000	97	90 - 110	P	10/20/2025	14:19	LB137590
	Silver	1230	1250	98	90 - 110	P	10/20/2025	14:19	LB137590
CCV03	Arsenic	4940	5000	99	90 - 110	P	10/20/2025	15:08	LB137590
	Barium	9770	10000	98	90 - 110	P	10/20/2025	15:08	LB137590
	Cadmium	2380	2500	95	90 - 110	P	10/20/2025	15:08	LB137590
	Chromium	978	1000	98	90 - 110	P	10/20/2025	15:08	LB137590
	Lead	4770	5000	95	90 - 110	P	10/20/2025	15:08	LB137590
	Selenium	5020	5000	100	90 - 110	P	10/20/2025	15:08	LB137590
	Silver	1230	1250	98	90 - 110	P	10/20/2025	15:08	LB137590
CCV04	Arsenic	5020	5000	100	90 - 110	P	10/20/2025	16:05	LB137590
	Barium	9290	10000	93	90 - 110	P	10/20/2025	16:05	LB137590
	Cadmium	2430	2500	97	90 - 110	P	10/20/2025	16:05	LB137590
	Chromium	964	1000	96	90 - 110	P	10/20/2025	16:05	LB137590
	Lead	4840	5000	97	90 - 110	P	10/20/2025	16:05	LB137590
	Selenium	5100	5000	102	90 - 110	P	10/20/2025	16:05	LB137590
	Silver	1200	1250	96	90 - 110	P	10/20/2025	16:05	LB137590

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Arsenic	20.4	20.0	102	65 - 135	P	10/16/2025	12:09	LB137573
	Barium	98.6	100	99	65 - 135	P	10/16/2025	12:09	LB137573
	Cadmium	5.97	6.0	100	65 - 135	P	10/16/2025	12:09	LB137573
	Chromium	10.9	10.0	109	65 - 135	P	10/16/2025	12:09	LB137573
	Lead	10.5	12.0	88	65 - 135	P	10/16/2025	12:09	LB137573
	Selenium	21.5	20.0	107	65 - 135	P	10/16/2025	12:09	LB137573
	Silver	10.8	10.0	108	65 - 135	P	10/16/2025	12:09	LB137573
CRA	Mercury	0.18	0.2	92	70 - 130	CV	10/16/2025	14:44	LB137565
CRI01	Arsenic	18.9	20.0	94	65 - 135	P	10/20/2025	12:54	LB137590
	Barium	101	100	101	65 - 135	P	10/20/2025	12:54	LB137590
	Cadmium	5.79	6.0	96	65 - 135	P	10/20/2025	12:54	LB137590
	Chromium	10.3	10.0	103	65 - 135	P	10/20/2025	12:54	LB137590
	Lead	11.8	12.0	98	65 - 135	P	10/20/2025	12:54	LB137590
	Selenium	22.3	20.0	112	65 - 135	P	10/20/2025	12:54	LB137590
	Silver	10.2	10.0	102	65 - 135	P	10/20/2025	12:54	LB137590



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

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB75	Mercury	0.076	+/-0.2	U	0.20	CV	10/16/2025	14:38	LB137565

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB40	Mercury	0.076	+/-0.2	U	0.20	CV	10/16/2025	14:42	LB137565
CCB41	Mercury	0.076	+/-0.2	U	0.20	CV	10/16/2025	15:16	LB137565
CCB42	Mercury	0.076	+/-0.2	U	0.20	CV	10/16/2025	15:46	LB137565
CCB43	Mercury	0.076	+/-0.2	U	0.20	CV	10/16/2025	16:19	LB137565
CCB44	Mercury	0.076	+/-0.2	U	0.20	CV	10/16/2025	16:40	LB137565

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	10/16/2025	12:02	LB137573
	Barium	14.6	+/-50	U	100	P	10/16/2025	12:02	LB137573
	Cadmium	0.50	+/-3	U	6.00	P	10/16/2025	12:02	LB137573
	Chromium	2.12	+/-5	U	10.0	P	10/16/2025	12:02	LB137573
	Lead	2.30	+/-6	U	12.0	P	10/16/2025	12:02	LB137573
	Selenium	9.64	+/-10	U	20.0	P	10/16/2025	12:02	LB137573
	Silver	1.62	+/-5	U	10.0	P	10/16/2025	12:02	LB137573

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	10/16/2025	12:42	LB137573
	Barium	14.6	+/-50	U	100	P	10/16/2025	12:42	LB137573
	Cadmium	0.50	+/-3	U	6.00	P	10/16/2025	12:42	LB137573
	Chromium	2.12	+/-5	U	10.0	P	10/16/2025	12:42	LB137573
	Lead	2.30	+/-6	U	12.0	P	10/16/2025	12:42	LB137573
	Selenium	9.64	+/-10	U	20.0	P	10/16/2025	12:42	LB137573
	Silver	1.62	+/-5	U	10.0	P	10/16/2025	12:42	LB137573
CCB02	Arsenic	5.12	+/-10	U	20.0	P	10/16/2025	13:49	LB137573
	Barium	14.6	+/-50	U	100	P	10/16/2025	13:49	LB137573
	Cadmium	0.50	+/-3	U	6.00	P	10/16/2025	13:49	LB137573
	Chromium	2.12	+/-5	U	10.0	P	10/16/2025	13:49	LB137573
	Lead	2.30	+/-6	U	12.0	P	10/16/2025	13:49	LB137573
	Selenium	9.64	+/-10	U	20.0	P	10/16/2025	13:49	LB137573
	Silver	1.62	+/-5	U	10.0	P	10/16/2025	13:49	LB137573
CCB03	Arsenic	5.12	+/-10	U	20.0	P	10/16/2025	14:49	LB137573
	Barium	14.6	+/-50	U	100	P	10/16/2025	14:49	LB137573
	Cadmium	0.50	+/-3	U	6.00	P	10/16/2025	14:49	LB137573
	Chromium	2.12	+/-5	U	10.0	P	10/16/2025	14:49	LB137573
	Lead	2.30	+/-6	U	12.0	P	10/16/2025	14:49	LB137573
	Selenium	9.64	+/-10	U	20.0	P	10/16/2025	14:49	LB137573
	Silver	1.62	+/-5	U	10.0	P	10/16/2025	14:49	LB137573
CCB04	Arsenic	5.12	+/-10	U	20.0	P	10/16/2025	15:43	LB137573
	Barium	14.6	+/-50	U	100	P	10/16/2025	15:43	LB137573
	Cadmium	0.50	+/-3	U	6.00	P	10/16/2025	15:43	LB137573
	Chromium	2.12	+/-5	U	10.0	P	10/16/2025	15:43	LB137573
	Lead	2.30	+/-6	U	12.0	P	10/16/2025	15:43	LB137573
	Selenium	9.64	+/-10	U	20.0	P	10/16/2025	15:43	LB137573
	Silver	1.62	+/-5	U	10.0	P	10/16/2025	15:43	LB137573
CCB05	Arsenic	5.12	+/-10	U	20.0	P	10/16/2025	16:35	LB137573
	Barium	14.6	+/-50	U	100	P	10/16/2025	16:35	LB137573
	Cadmium	0.50	+/-3	U	6.00	P	10/16/2025	16:35	LB137573
	Chromium	2.12	+/-5	U	10.0	P	10/16/2025	16:35	LB137573
	Lead	2.30	+/-6	U	12.0	P	10/16/2025	16:35	LB137573
	Selenium	9.64	+/-10	U	20.0	P	10/16/2025	16:35	LB137573
	Silver	1.62	+/-5	U	10.0	P	10/16/2025	16:35	LB137573
CCB06	Arsenic	5.12	+/-10	U	20.0	P	10/16/2025	17:53	LB137573
	Barium	14.6	+/-50	U	100	P	10/16/2025	17:53	LB137573
	Cadmium	0.50	+/-3	U	6.00	P	10/16/2025	17:53	LB137573
	Chromium	2.12	+/-5	U	10.0	P	10/16/2025	17:53	LB137573

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Lead	2.30	+/-6	U	12.0	P	10/16/2025	17:53	LB137573
	Selenium	9.64	+/-10	U	20.0	P	10/16/2025	17:53	LB137573
	Silver	1.62	+/-5	U	10.0	P	10/16/2025	17:53	LB137573
CCB07	Arsenic	5.12	+/-10	U	20.0	P	10/16/2025	18:46	LB137573
	Barium	14.6	+/-50	U	100	P	10/16/2025	18:46	LB137573
	Cadmium	0.50	+/-3	U	6.00	P	10/16/2025	18:46	LB137573
	Chromium	2.12	+/-5	U	10.0	P	10/16/2025	18:46	LB137573
	Lead	2.30	+/-6	U	12.0	P	10/16/2025	18:46	LB137573
	Selenium	9.64	+/-10	U	20.0	P	10/16/2025	18:46	LB137573
	Silver	1.62	+/-5	U	10.0	P	10/16/2025	18:46	LB137573
CCB08	Arsenic	5.12	+/-10	U	20.0	P	10/16/2025	19:37	LB137573
	Barium	14.6	+/-50	U	100	P	10/16/2025	19:37	LB137573
	Cadmium	0.50	+/-3	U	6.00	P	10/16/2025	19:37	LB137573
	Chromium	2.12	+/-5	U	10.0	P	10/16/2025	19:37	LB137573
	Lead	2.30	+/-6	U	12.0	P	10/16/2025	19:37	LB137573
	Selenium	9.64	+/-10	U	20.0	P	10/16/2025	19:37	LB137573
	Silver	1.62	+/-5	U	10.0	P	10/16/2025	19:37	LB137573

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Arsenic	5.12	+/-10	U	20.0	P	10/20/2025	12:50	LB137590
	Barium	14.6	+/-50	U	100	P	10/20/2025	12:50	LB137590
	Cadmium	0.50	+/-3	U	6.00	P	10/20/2025	12:50	LB137590
	Chromium	2.12	+/-5	U	10.0	P	10/20/2025	12:50	LB137590
	Lead	2.30	+/-6	U	12.0	P	10/20/2025	12:50	LB137590
	Selenium	9.64	+/-10	U	20.0	P	10/20/2025	12:50	LB137590
	Silver	1.62	+/-5	U	10.0	P	10/20/2025	12:50	LB137590

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc.

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Arsenic	5.12	+/-10	U	20.0	P	10/20/2025	13:19	LB137590
	Barium	14.6	+/-50	U	100	P	10/20/2025	13:19	LB137590
	Cadmium	0.50	+/-3	U	6.00	P	10/20/2025	13:19	LB137590
	Chromium	2.12	+/-5	U	10.0	P	10/20/2025	13:19	LB137590
	Lead	2.30	+/-6	U	12.0	P	10/20/2025	13:19	LB137590
	Selenium	9.64	+/-10	U	20.0	P	10/20/2025	13:19	LB137590
	Silver	1.62	+/-5	U	10.0	P	10/20/2025	13:19	LB137590
CCB02	Arsenic	5.12	+/-10	U	20.0	P	10/20/2025	14:23	LB137590
	Barium	14.6	+/-50	U	100	P	10/20/2025	14:23	LB137590
	Cadmium	0.50	+/-3	U	6.00	P	10/20/2025	14:23	LB137590
	Chromium	2.12	+/-5	U	10.0	P	10/20/2025	14:23	LB137590
	Lead	2.30	+/-6	U	12.0	P	10/20/2025	14:23	LB137590
	Selenium	9.64	+/-10	U	20.0	P	10/20/2025	14:23	LB137590
	Silver	1.62	+/-5	U	10.0	P	10/20/2025	14:23	LB137590
CCB03	Arsenic	5.12	+/-10	U	20.0	P	10/20/2025	15:12	LB137590
	Barium	14.6	+/-50	U	100	P	10/20/2025	15:12	LB137590
	Cadmium	0.50	+/-3	U	6.00	P	10/20/2025	15:12	LB137590
	Chromium	2.12	+/-5	U	10.0	P	10/20/2025	15:12	LB137590
	Lead	2.30	+/-6	U	12.0	P	10/20/2025	15:12	LB137590
	Selenium	9.64	+/-10	U	20.0	P	10/20/2025	15:12	LB137590
	Silver	1.62	+/-5	U	10.0	P	10/20/2025	15:12	LB137590
CCB04	Arsenic	5.12	+/-10	U	20.0	P	10/20/2025	16:09	LB137590
	Barium	14.6	+/-50	U	100	P	10/20/2025	16:09	LB137590
	Cadmium	0.50	+/-3	U	6.00	P	10/20/2025	16:09	LB137590
	Chromium	2.12	+/-5	U	10.0	P	10/20/2025	16:09	LB137590
	Lead	2.30	+/-6	U	12.0	P	10/20/2025	16:09	LB137590
	Selenium	9.64	+/-10	U	20.0	P	10/20/2025	16:09	LB137590
	Silver	1.62	+/-5	U	10.0	P	10/20/2025	16:09	LB137590

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q3346

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170081TB		WATER		Batch Number:	PB170126		Prep Date:	10/16/2025	
	Mercury	0.76	<2	U	2.00	CV	10/16/2025	16:24	LB137565
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170126BL		WATER		Batch Number:	PB170126		Prep Date:	10/16/2025	
	Mercury	0.076	<0.2	U	0.20	CV	10/16/2025	14:52	LB137565

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q3346

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170081TB		WATER		Batch Number:	PB170112		Prep Date:	10/15/2025	
	Arsenic	25.6	<50	U	100	P	10/20/2025	13:37	LB137590
	Barium	72.8	<250	U	500	P	10/20/2025	13:37	LB137590
	Cadmium	2.50	<15	U	30.0	P	10/20/2025	13:37	LB137590
	Chromium	19.1	<25	J	50.0	P	10/20/2025	13:37	LB137590
	Lead	11.5	<30	U	60.0	P	10/20/2025	13:37	LB137590
	Selenium	48.2	<50	U	100	P	10/20/2025	13:37	LB137590
	Silver	8.10	<25	U	50.0	P	10/20/2025	13:37	LB137590
Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170112BL		WATER		Batch Number:	PB170112		Prep Date:	10/15/2025	
	Arsenic	25.6	<50	U	100	P	10/16/2025	15:03	LB137573
	Barium	72.8	<250	U	500	P	10/16/2025	15:03	LB137573
	Cadmium	2.50	<15	U	30.0	P	10/16/2025	15:03	LB137573
	Chromium	10.6	<25	U	50.0	P	10/16/2025	15:03	LB137573
	Lead	11.5	<30	U	60.0	P	10/16/2025	15:03	LB137573
	Selenium	48.2	<50	U	100	P	10/16/2025	15:03	LB137573
	Silver	8.10	<25	U	50.0	P	10/16/2025	15:03	LB137573

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: <u>Core Environmental Consultants and Services, Inc.</u>	SDG No.: <u>Q3346</u>
Contract: <u>CORE02</u>	Lab Code: <u>ACE</u>
ICS Source: <u>EPA</u>	Instrument ID: <u>P4</u>

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Arsenic	4.93			-20	20	10/16/2025	12:17	LB137573
	Barium	0.59	6.0	10	-94	106	10/16/2025	12:17	LB137573
	Cadmium	1.20	1.0	120	-5	7	10/16/2025	12:17	LB137573
	Chromium	50.2	52.0	96	42	62	10/16/2025	12:17	LB137573
	Lead	3.50			-12	12	10/16/2025	12:17	LB137573
	Selenium	8.68			-20	20	10/16/2025	12:17	LB137573
	Silver	-7.19			-10	10	10/16/2025	12:17	LB137573
ICSAB01	Arsenic	108	104	104	88.4	120	10/16/2025	12:21	LB137573
	Barium	504	537	94	437	637	10/16/2025	12:21	LB137573
	Cadmium	1010	972	104	826	1120	10/16/2025	12:21	LB137573
	Chromium	551	542	102	460	624	10/16/2025	12:21	LB137573
	Lead	49.7	49.0	101	37	61	10/16/2025	12:21	LB137573
	Selenium	55.7	46.0	121	26	66	10/16/2025	12:21	LB137573
	Silver	203	201	101	170	232	10/16/2025	12:21	LB137573
ICSA01	Arsenic	5.90			-20	20	10/20/2025	12:58	LB137590
	Barium	7.75	6.0	129	-94	106	10/20/2025	12:58	LB137590
	Cadmium	1.26	1.0	126	-5	7	10/20/2025	12:58	LB137590
	Chromium	49.3	52.0	95	42	62	10/20/2025	12:58	LB137590
	Lead	-1.02			-12	12	10/20/2025	12:58	LB137590
	Selenium	5.32			-20	20	10/20/2025	12:58	LB137590
	Silver	-4.57			-10	10	10/20/2025	12:58	LB137590
ICSAB01	Arsenic	107	104	103	88.4	120	10/20/2025	13:03	LB137590
	Barium	493	537	92	437	637	10/20/2025	13:03	LB137590
	Cadmium	992	972	102	826	1120	10/20/2025	13:03	LB137590
	Chromium	553	542	102	460	624	10/20/2025	13:03	LB137590
	Lead	47.0	49.0	96	37	61	10/20/2025	13:03	LB137590
	Selenium	60.1	46.0	131	26	66	10/20/2025	13:03	LB137590
	Silver	205	201	102	170	232	10/20/2025	13:03	LB137590



METAL QC DATA

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q3346
contract: CORE02 **lab code:** ACE
matrix: Water **sample id:** Q3348-08 **client id:** WCS-TP2MS
Percent Solids for Sample: NA **Spiked ID:** Q3348-08MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	3980		100	U	4000	100		P
Barium	ug/L	75 - 125	987		500	U	1000	99		P
Cadmium	ug/L	75 - 125	889		30.0	U	1000	89		P
Chromium	ug/L	75 - 125	2010		50.0	U	2000	100		P
Lead	ug/L	75 - 125	4550		60.0	U	5000	91		P
Mercury	ug/L	75 - 125	36.4		2.00	U	40.0	91		CV
Selenium	ug/L	75 - 125	9930		100	U	10000	99		P
Silver	ug/L	75 - 125	368		50.0	U	380	97		P

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Service **level:** low **sdg no.:** Q3346
contract: CORE02 **lab code:** ACE
matrix: Water **sample id:** Q3348-08 **client id:** WCS-TP2MSD
Percent Solids for Sample: NA **Spiked ID:** Q3348-08MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Arsenic	ug/L	75 - 125	4010		100	U	4000	100		P
Barium	ug/L	75 - 125	1010		500	U	1000	101		P
Cadmium	ug/L	75 - 125	902		30.0	U	1000	90		P
Chromium	ug/L	75 - 125	2030		50.0	U	2000	102		P
Lead	ug/L	75 - 125	4600		60.0	U	5000	92		P
Mercury	ug/L	75 - 125	33.2		2.00	U	40.0	83		CV
Selenium	ug/L	75 - 125	9950		100	U	10000	100		P
Silver	ug/L	75 - 125	371		50.0	U	380	98		P

Metals
- 5b -

Client:Core Environmental Consultants and Servic

SDG No.:Q3346

Contract:CORE02

Lab Code:ACE

Matrix:

Level:LOW

Client ID:

Sample ID:

Spiked ID:

Analyte	Units	Acceptance Limit %R	C	Sample Result	C	Spike Added	% Recovery	Qual	M
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Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **Level:** LOW **SDG No.:** Q3346
Contract: CORE02 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3348-08 **Client ID:** WCS-TP2DUP
Percent Solids for Sample: NA **Duplicate ID** Q3348-08DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	100	U	100	U			P
Barium	ug/L	20	500	U	500	U			P
Cadmium	ug/L	20	30.0	U	30.0	U			P
Chromium	ug/L	20	50.0	U	50.0	U			P
Lead	ug/L	20	60.0	U	60.0	U			P
Mercury	ug/L	20	2.00	U	2.00	U			CV
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **Level:** LOW **SDG No.:** Q3346
Contract: CORE02 **Lab Code:** ACE
Matrix: Water **Sample ID:** Q3348-08MS **Client ID:** WCS-TP2MSD
Percent Solids for Sample: NA **Duplicate ID** Q3348-08MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	3980		4010		1		P
Barium	ug/L	20	987		1010		2		P
Cadmium	ug/L	20	889		902		1		P
Chromium	ug/L	20	2010		2030		1		P
Lead	ug/L	20	4550		4600		1		P
Mercury	ug/L	20	36.4		33.2		9		CV
Selenium	ug/L	20	9930		9950		0		P
Silver	ug/L	20	368		371		1		P

“A control limit of $\pm 20\%$ RPD for each matrix applies for sample values greater than 10 times Detection Limit”

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client:	<u>Core Environmental Consultants and Service</u>	SDG No.:	<u>Q3346</u>
Contract:	<u>CORE02</u>	Lab Code:	<u>ACE</u>

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170112BS							
Arsenic	ug/L	4000	3540		88	80 - 120	P
Barium	ug/L	1000	892		89	80 - 120	P
Cadmium	ug/L	1000	832		83	80 - 120	P
Chromium	ug/L	2000	1780		89	80 - 120	P
Lead	ug/L	5000	4210		84	80 - 120	P
Selenium	ug/L	10000	9090		91	80 - 120	P
Silver	ug/L	380	337		89	80 - 120	P

Metals

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LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Service **SDG No.:** Q3346
Contract: CORE02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170126BS Mercury	ug/L	4.0	3.66		92	80 - 120	CV

Metals
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ICP SERIAL DILUTIONS

SAMPLE NO.

WCS-TP2L

Lab Name: Alliance **Contract:** CORE02
Lab Code: ACE **Lb No.:** lb137573 **Lab Sample ID :** Q3348-08L **SDG No.:** Q3346
Matrix (soil/water): Water **Level (low/med):** LOW
Concentration Units: ug/L

Analyte	Initial Sample Result (I)		Serial Dilution Result (S)		% Differ- ence	Q	M
		C		C			
Arsenic	100	U	500	U			P
Barium	500	U	2500	U			P
Cadmium	30.0	U	150	U			P
Chromium	50.0	U	250	U			P
Lead	60.0	U	300	U			P
Mercury	2.00	U	10.0	U			CV
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P



METAL PREPARATION & INSTRUMENT DATA

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Al	Ca	Fe	Mg	Ag
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		As	Ba	Be	Cd	Co
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Cr	Cu	K	Mn	Mo
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120

Metals

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ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Na	Ni	Pb	Sb	Se
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

A

B

C

D

E

F

G

H

Metals

- 11 -

ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Service

SDG No.: Q3346

Contract: CORE02

Lab Code: ACE

Instrument ID:

Date:

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave- Length (nm)	ICP Interelement Correction Factors For:				
		Sn	Ti	Tl	V	Zn
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000



METAL PREPARATION & ANALYICAL SUMMARY

Metals
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SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Service **SDG No.:** Q3346
Contract: CORE02 **Lab Code:** ACE **Method:** _____

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170112							
PB170081TB	PB170081TB	MB	WATER	10/15/2025	5.0	25.0	
PB170112BL	PB170112BL	MB	WATER	10/15/2025	5.0	25.0	
PB170112BS	PB170112BS	LCS	WATER	10/15/2025	5.0	25.0	
Q3346-01	Zeltmann Power Plant HSRG 7B	SAM	WATER	10/15/2025	5.0	25.0	
Q3348-08DUP	WCS-TP2DUP	DUP	WATER	10/15/2025	5.0	25.0	
Q3348-08MS	WCS-TP2MS	MS	WATER	10/15/2025	5.0	25.0	
Q3348-08MSD	WCS-TP2MSD	MSD	WATER	10/15/2025	5.0	25.0	

Metals
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SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Service **SDG No.:** Q3346
Contract: CORE02 **Lab Code:** ACE **Method:**

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number: PB170126							
PB170081TB	PB170081TB	MB	WATER	10/16/2025	3.0	30.0	
PB170126BL	PB170126BL	MB	WATER	10/16/2025	30.0	30.0	
PB170126BS	PB170126BS	LCS	WATER	10/16/2025	30.0	30.0	
Q3346-01	Zeltmann Power Plant HSRG 7B	SAM	WATER	10/16/2025	3.0	30.0	
Q3348-08DUP	WCS-TP2DUP	DUP	WATER	10/16/2025	3.0	30.0	
Q3348-08MS	WCS-TP2MS	MS	WATER	10/16/2025	3.0	30.0	
Q3348-08MSD	WCS-TP2MSD	MSD	WATER	10/16/2025	3.0	30.0	

metals
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ANALYSIS RUN LOG

Client: Core Environmental Consultants and Service

Contract: CORE02

Lab code: ACE

Sdg no.: Q3346

Instrument id number:

Method:

Run number: LB137565

Start date: 10/16/2025

End date: 10/16/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1421	HG
S0.2	S0.2	1	1423	HG
S2.5	S2.5	1	1425	HG
S5	S5	1	1428	HG
S7.5	S7.5	1	1430	HG
S10	S10	1	1432	HG
ICV75	ICV75	1	1435	HG
ICB75	ICB75	1	1438	HG
CCV40	CCV40	1	1440	HG
CCB40	CCB40	1	1442	HG
CRA	CRA	1	1444	HG
PB170126BL	PB170126BL	1	1452	HG
PB170126BS	PB170126BS	1	1500	HG
CCV41	CCV41	1	1514	HG
CCB41	CCB41	1	1516	HG
Q3346-01	Zeltmann Power Plant HSRG 7B	1	1523	HG
Q3348-08DUP	WCS-TP2DUP	1	1529	HG
Q3348-08MS	WCS-TP2MS	1	1532	HG
Q3348-08MSD	WCS-TP2MSD	1	1534	HG
CCV42	CCV42	1	1544	HG
CCB42	CCB42	1	1546	HG
CCV43	CCV43	1	1617	HG
CCB43	CCB43	1	1619	HG
PB170081TB	PB170081TB	1	1624	HG
Q3348-08L	WCS-TP2L	5	1629	HG
CCV44	CCV44	1	1638	HG
CCB44	CCB44	1	1640	HG

metals
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ANALYSIS RUN LOG

Client: Core Environmental Consultants and Service

Contract: CORE02

Lab code: ACE

Sdg no.: Q3346

Instrument id number:

Method:

Run number: LB137573

Start date: 10/16/2025

End date: 10/16/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1108	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1113	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1117	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1122	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1125	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1130	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1134	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1158	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1202	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1209	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1217	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1221	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1238	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1242	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1345	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1349	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1445	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1449	Ag,As,Ba,Cd,Cr,Pb,Se
PB170112BL	PB170112BL	1	1503	Ag,As,Ba,Cd,Cr,Pb,Se
PB170112BS	PB170112BS	1	1508	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1538	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1543	Ag,As,Ba,Cd,Cr,Pb,Se
Q3346-01	Zeltmann Power Plant HSRG 7B	1	1601	Ag,As,Ba,Cd,Cr,Pb,Se
Q3348-08DUP	WCS-TP2DUP	1	1614	Ag,As,Ba,Cd,Cr,Pb,Se
Q3348-08L	WCS-TP2L	5	1618	Ag,As,Ba,Cd,Cr,Pb,Se
Q3348-08MS	WCS-TP2MS	1	1623	Ag,As,Ba,Cd,Cr,Pb,Se
Q3348-08MSD	WCS-TP2MSD	1	1627	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1631	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1635	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1749	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1753	Ag,As,Ba,Cd,Cr,Pb,Se
CCV07	CCV07	1	1842	Ag,As,Ba,Cd,Cr,Pb,Se
CCB07	CCB07	1	1846	Ag,As,Ba,Cd,Cr,Pb,Se
CCV08	CCV08	1	1933	Ag,As,Ba,Cd,Cr,Pb,Se
CCB08	CCB08	1	1937	Ag,As,Ba,Cd,Cr,Pb,Se

metals
- 14 -
ANALYSIS RUN LOG

Client: Core Environmental Consultants and Service

Contract: CORE02

Lab code: ACE

Sdg no.: Q3346

Instrument id number:

Method:

Run number: LB137590

Start date: 10/20/2025

End date: 10/20/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1207	Ag,As,Ba,Cd,Cr,Pb,Se
S1	S1	1	1211	Ag,As,Ba,Cd,Cr,Pb,Se
S2	S2	1	1216	Ag,As,Ba,Cd,Cr,Pb,Se
S3	S3	1	1220	Ag,As,Ba,Cd,Cr,Pb,Se
S4	S4	1	1224	Ag,As,Ba,Cd,Cr,Pb,Se
S5	S5	1	1228	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1232	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1241	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1250	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1254	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1258	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1303	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1315	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1319	Ag,As,Ba,Cd,Cr,Pb,Se
PB170081TB	PB170081TB	1	1337	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1419	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1423	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1508	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1512	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1605	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1609	Ag,As,Ba,Cd,Cr,Pb,Se



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
www.chemtech.net

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q 3346

COC Number:

CLIENT INFORMATION

COMPANY: CORE Environmental Consultants
ADDRESS: 22-48 119th Street
CITY: College Point STATE: NY ZIP: 11356
ATTENTION: Roland Scardino
PHONE: 718-786-4730 ext. 114 FAX:

PROJECT INFORMATION

PROJECT NAME: NYPA - Zeltmann Power Plant - HSRG 7B
PROJECT #: LOCATION:
PROJECT MANAGER: Roland Scardino
E-MAIL: rscardino@coreenv.com
PHONE: FAX:

BILLING INFORMATION

BILL TO: CORE Environmental Consultants PO#
ADDRESS: 22-48 119th Street
CITY: College Point STATE: NY ZIP: 11356
ATTENTION: Joeseeph Zaheer PHONE: 716-204-8054

DATA TURNAROUND INFORMATION

FAX: 3-DAY DAYS*
HARD COPY: 3-DAY DAYS*
EDD 3-DAY DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESEULTS ONLY ☐ USEPA CLP
☒ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

ANALYSIS

1	2	3	4	5	6	7	8	9
PCBs	PCBs							

Report PCBs to limit of quantification 2.00mg/L

PRESERVATIVES

COMMENTS

<- Specify Preservatives
A-HCl B-HNO3
C-H2SO4 D-NaOH
E-ICE F-Other

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles									
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9
1.	Zeltmann Power Plant HSRG 7B	Solid	X		10/14/25	0:00	2	X	X							
2.																
3.																
4.																
5.																
6.																
7.																
8.																
9.																
10.																

NONE

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER DATE/TIME 1400 RECEIVED BY 1400
1. Roland Scardino 10/14/25 1. 10-14-25
RELINQUISHED BY DATE/TIME RECEIVED BY
2. 2.
RELINQUISHED BY DATE/TIME 1710 RECEIVED FOR LAB BY
3. 10-14-25 3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.0C
MeOH extraction requires an additional 4oz. Jar for percent solid
Comments: ☐ Ice in Cooler?:

SHIPPED VIA: CLIENT: ☐ Hand Delivered ☐ Overnight
ALLIANCE: ☐ Picked Up ☐ Overnight

Shipment Complete
☐ YES ☐ NO

Page 2 of 1

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312