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

DATA PACKAGE

METALS
GC SEMI-VOLATILES
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : NYPA PURS STATION

CORE ENVIRONMENTAL CONSULTANTS AND SERVICES, INC.

22-48 119th Street

College Point, NY - 11356

Phone No: 7187864730

ORDER ID : Q3349

ATTENTION : Roland Scardino

Laboratory Certification ID # 20012

Table Of Contents for Q3349

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

Cover Page

Order ID : Q3349

Project ID : NYPA PURS Station

Client : Core Environmental Consultants and Services, Inc.

Lab Sample Number	Client Sample Number
Q3349-01	PURS Station
Q3349-02	PURS Station

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 : _____ Date: 10/28/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

Core Environmental Consultants and Services, Inc.
Project Name: NYPA PURS Station
Project # N/A
Order ID # Q3349
Test Name: TCLP VOA,TCLP BNA,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: TCLP VOA,TCLP BNA,PCB,TCLP ICP Metals,TCLP Mercury. This data package contains results for TCLP VOA(8260D),TCLP BNA(8270E),PCB(8082A),TCLP ICP Metals(6010D),TCLP Mercury(7470A).

C. Analytical Techniques:
TCLP VOA : The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of TCLP VOA was based on method 8260D and TCLP extraction method was 1311.

TCLP BNA : The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The analysis of TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

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 except following
TCLP VOA : PURS Station [4-Bromofluorobenzene - 126%] due to oil matrix.

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

The Surrogate recoveries were met for all analysis except following
TCLP BNA : PURS Station [2-Fluorobiphenyl - 133%], as per method one acid and one base surrogate allow to fail therefore no corrective action taken.

The Surrogate recoveries were met for all analysis except following
PCB : PURS Station [Tetrachloro-m-xylene(2)29%]. As per method one surrogate allowed to fail to meet the criteria per column. No further corrective action was taken.

The Internal Standards Areas were met for all analysis except following TCLP BNA : PURS Station due to matrix interference.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds except following
TCLP BNA : The MS {Q3352-04MS} with File ID: BF143989.D recoveries met the requirements for all compounds except for 2,4,5-Trichlorophenol[112%] and Nitrobenzene[114%], due to matrix interference.

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
TCLP BNA : The MSD {Q3352-04MSD} with File ID: BF143990.D recoveries met the requirements for all compounds except for 2,4,5-Trichlorophenol[116%], 2,4,6-Trichlorophenol[114%], Hexachlorobenzene[116%] and Nitrobenzene[118%], due to matrix interference.

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 Spike Duplicate met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.
The Duplicate analysis met criteria for all compounds.
The Serial Dilution met the acceptable requirements.

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

E. Additional Comments:
The soil samples results are based on a dry weight basis.

SEMI-VOA : The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

PCB : Less volume was taken at the time of extraction due to oil matrix of the samples, Samples PURS Station was diluted due to oil matrix.

TCLP ICP Metals,TCLP Mercury : TCLP sample Q3349-01 - final volume is 50ml because matrix is totally oily and thick matrix and not able to reduce volume because of thick material does not let the sample to evaporate.
FAX and Hardcopy not match for Sample Q3349-01 because at the time of fax initial-final volume taken 50-50 ml in calculation but, it should be 5ml -50ml final volume, so corrective action taken and data report correct in hardcopy.

TCLP VOA : Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

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.

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

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

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 is 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

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3349

	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 Castody	✓
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:** 10/28/2025

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

LAB CHRONICLE

OrderID:	Q3349	**OrderDate:**	10/15/2025 9:30:00 AM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	NYPA PURS Station
Contact:	Roland Scardino	**Location:**	J31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3349-01	**PURS Station**	**TCLP**			**10/13/25**			**10/14/25**
			TCLP VOA	8260D			10/17/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3349

Client: Core Environmental Consultants and Services, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:								
				0				

Total Voc :

Total Concentration:

SAMPLE DATA

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/13/25
Project:	NYPA PURS Station	Date Received:	10/14/25
Client Sample ID:	PURS Station	SDG No.:	Q3349
Lab Sample ID:	Q3349-01	Matrix:	TCLP
Analytical Method:	8260D Level : LOW	% Solid:	0
Sample Wt/Vol:	5 mL Final Vol: 5000 uL	Test:	TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	130	U	500	130	2500	ug/L	10/17/25 19:19	VX101725
75-35-4	1,1-Dichloroethene	120	U	500	120	2500	ug/L	10/17/25 19:19	VX101725
78-93-3	2-Butanone	490	U	500	490	12500	ug/L	10/17/25 19:19	VX101725
56-23-5	Carbon Tetrachloride	130	U	500	130	2500	ug/L	10/17/25 19:19	VX101725
67-66-3	Chloroform	130	U	500	130	2500	ug/L	10/17/25 19:19	VX101725
71-43-2	Benzene	75.0	U	500	75.0	2500	ug/L	10/17/25 19:19	VX101725
107-06-2	1,2-Dichloroethane	110	U	500	110	2500	ug/L	10/17/25 19:19	VX101725
79-01-6	Trichloroethene	46.5	U	500	46.5	2500	ug/L	10/17/25 19:19	VX101725
127-18-4	Tetrachloroethene	120	U	500	120	2500	ug/L	10/17/25 19:19	VX101725
108-90-7	Chlorobenzene	60.0	U	500	60.0	2500	ug/L	10/17/25 19:19	VX101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	57.1			74 - 125	114%	SPK: 50		
1868-53-7	Dibromofluoromethane	53.3			75 - 124	107%	SPK: 50		
2037-26-5	Toluene-d8	49.8			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	62.8	*		77 - 121	126%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	84600							
540-36-3	1,4-Difluorobenzene	170000							
3114-55-4	Chlorobenzene-d5	185000							
3855-82-1	1,4-Dichlorobenzene-d4	102000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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

Surrogate Summary

SDG No.: Q3349

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	High
Q3349-01	PURS Station	1,2-Dichloroethane-d4	50	57.1	114		74	125
		Dibromofluoromethane	50	53.3	107		75	124
		Toluene-d8	50	49.8	100		86	113
		4-Bromofluorobenzene	50	62.8	126	*	77	121

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

Surrogate Summary

SDG No.: Q3349

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
VX1017WBL01	VX1017WBL01	1,2-Dichloroethane-d4	50	53.1	106		74	125
		Dibromofluoromethane	50	51.2	102		75	124
		Toluene-d8	50	50.0	100		86	113
		4-Bromofluorobenzene	50	59.1	118		77	121
VX1017WBS01	VX1017WBS01	1,2-Dichloroethane-d4	50	43.7	87		74	125
		Dibromofluoromethane	50	51.2	102		75	124
		Toluene-d8	50	48.1	96		86	113
		4-Bromofluorobenzene	50	47.9	96		77	121
VX1017WBSD0	VX1017WBSD01	1,2-Dichloroethane-d4	50	45.5	91		74	125
		Dibromofluoromethane	50	50.6	101		75	124
		Toluene-d8	50	47.7	95		86	113
		4-Bromofluorobenzene	50	48.3	97		77	121

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3349 **Analytical Method:** SW8260-Low

Client: Core Environmental Consultants and S **Datafile :** VX048209.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1017WBS01	Vinyl chloride	20	18.7	ug/L	94			65	117	
	1,1-Dichloroethene	20	19.1	ug/L	96			74	110	
	2-Butanone	100	95.3	ug/L	95			65	122	
	Carbon Tetrachloride	20	19.9	ug/L	100			77	113	
	Chloroform	20	18.2	ug/L	91			79	113	
	Benzene	20	19.5	ug/L	98			82	109	
	1,2-Dichloroethane	20	19.9	ug/L	100			80	115	
	Trichloroethene	20	19.5	ug/L	98			77	113	
	Tetrachloroethene	20	18.9	ug/L	95			67	123	
	Chlorobenzene	20	19.3	ug/L	97			82	109	

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3349 **Analytical Method:** SW8260-Low

Client: Core Environmental Consultants and S **Datafile :** VX048210.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX1017WBSD01	Vinyl chloride	20	18.5	ug/L	93	1		65	117	19
	1,1-Dichloroethene	20	18.5	ug/L	93	3		74	110	20
	2-Butanone	100	96.7	ug/L	97	2		65	122	26
	Carbon Tetrachloride	20	19.7	ug/L	99	1		77	113	15
	Chloroform	20	18.5	ug/L	93	2		79	113	20
	Benzene	20	19.2	ug/L	96	2		82	109	15
	1,2-Dichloroethane	20	20.5	ug/L	103	3		80	115	20
	Trichloroethene	20	18.5	ug/L	93	5		77	113	15
	Tetrachloroethene	20	18.9	ug/L	95	0		67	123	15
	Chlorobenzene	20	19.3	ug/L	97	0		82	109	15

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

VOLATILE METHOD BLANK SUMMARY

Client ID: VX1017WBL01

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q3349

Lab File ID: VX048207.D | Lab Sample ID: VX1017WBL01

Date Analyzed: 10/17/2025 | Time Analyzed: 13:15

GC Column: DB-624UI ID: 0.18 (mm) | Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX1017WBS01	VX1017WBS01	VX048209.D	10/17/2025
VX1017WBSD01	VX1017WBSD01	VX048210.D	10/17/2025
PURS Station	Q3349-01	VX048224.D	10/17/2025

COMMENTS:

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

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Alliance
Contract: CORE02
Lab Code: ACE
SDG NO.: Q3349
Lab File ID: VX048197.D
BFB Injection Date: 10/17/2025
Instrument ID: MSVOA_X
BFB Injection Time: 08:17
GC Column: DB-624UI ID: 0.18 (mm)
Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.5
75	30.0 - 60.0% of mass 95	53.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.2
173	Less than 2.0% of mass 174	0.8 (1.1) 1
174	50.0 - 100.0% of mass 95	71.6
175	5.0 - 9.0% of mass 174	5.3 (7.4) 1
176	95.0 - 101.0% of mass 174	68.1 (95.1) 1
177	5.0 - 9.0% of mass 176	4.8 (7.1) 2

1-Value is % mass 174

2-Value is % mass 176

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

CLIENT ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VX048198.D	10/17/2025	08:45
VSTDICC005	VSTDICC005	VX048199.D	10/17/2025	09:14
VSTDICC020	VSTDICC020	VX048200.D	10/17/2025	09:35
VSTDICCC050	VSTDICCC050	VX048201.D	10/17/2025	09:55
VSTDICC100	VSTDICC100	VX048202.D	10/17/2025	10:16
VSTDICC150	VSTDICC150	VX048203.D	10/17/2025	10:36
VX1017WBL01	VX1017WBL01	VX048207.D	10/17/2025	13:15
VX1017WBS01	VX1017WBS01	VX048209.D	10/17/2025	14:03
VX1017WBSD01	VX1017WBSD01	VX048210.D	10/17/2025	14:30
PURS Station	Q3349-01	VX048224.D	10/17/2025	19:19

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3349

Lab File ID: VX048201.D Date Analyzed: 10/17/2025

Instrument ID: MSVOA_X Time Analyzed: 09:55

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	144905	5.54	233738	6.75	208719	10.04
UPPER LIMIT	289810	6.044	467476	7.245	417438	10.537
LOWER LIMIT	72452.5	5.044	116869	6.245	104360	9.537
EPA SAMPLE NO.						
PURS Station	84578	5.54	169663	6.75	184791	10.04
VX1017WBL01	129436	5.54	259480	6.75	275267	10.04
VX1017WBS01	157010	5.54	248908	6.75	238012	10.04
VX1017WBSD01	149269	5.53	237242	6.75	228640	10.04

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

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

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

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

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3349

Lab File ID: VX048201.D Date Analyzed: 10/17/2025

Instrument ID: MSVOA_X Time Analyzed: 09:55

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	103673	12.006				
UPPER LIMIT	207346	12.506				
LOWER LIMIT	51836.5	11.506				
EPA SAMPLE NO.						
PURS Station	101794	12.01				
VX1017WBL01	138959	12.01				
VX1017WBS01	112861	12.01				
VX1017WBSD01	106057	12.00				

IS4 = 1,4-Dichlorobenzene-d4

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

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

QC SAMPLE DATA

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA PURS Station	Date Received:	
Client Sample ID:	VX1017WBL01	SDG No.:	Q3349
Lab Sample ID:	VX1017WBL01	Matrix:	TCLP
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	0.26	U	1	0.26	1.00	ug/L	10/17/25 13:15	VX101725
75-35-4	1,1-Dichloroethene	0.23	U	1	0.23	1.00	ug/L	10/17/25 13:15	VX101725
78-93-3	2-Butanone	0.98	U	1	0.98	5.00	ug/L	10/17/25 13:15	VX101725
56-23-5	Carbon Tetrachloride	0.25	U	1	0.25	1.00	ug/L	10/17/25 13:15	VX101725
67-66-3	Chloroform	0.25	U	1	0.25	1.00	ug/L	10/17/25 13:15	VX101725
71-43-2	Benzene	0.15	U	1	0.15	1.00	ug/L	10/17/25 13:15	VX101725
107-06-2	1,2-Dichloroethane	0.22	U	1	0.22	1.00	ug/L	10/17/25 13:15	VX101725
79-01-6	Trichloroethene	0.090	U	1	0.090	1.00	ug/L	10/17/25 13:15	VX101725
127-18-4	Tetrachloroethene	0.23	U	1	0.23	1.00	ug/L	10/17/25 13:15	VX101725
108-90-7	Chlorobenzene	0.12	U	1	0.12	1.00	ug/L	10/17/25 13:15	VX101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	53.1			74 - 125	106%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.2			75 - 124	102%	SPK: 50		
2037-26-5	Toluene-d8	50.0			86 - 113	100%	SPK: 50		
460-00-4	4-Bromofluorobenzene	59.1			77 - 121	118%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	129000							
540-36-3	1,4-Difluorobenzene	259000							
3114-55-4	Chlorobenzene-d5	275000							
3855-82-1	1,4-Dichlorobenzene-d4	139000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA PURS Station	Date Received:	
Client Sample ID:	VX1017WBS01	SDG No.:	Q3349
Lab Sample ID:	VX1017WBS01	Matrix:	TCLP
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	18.7		1	0.26	1.00	ug/L	10/17/25 14:03	VX101725
75-35-4	1,1-Dichloroethene	19.1		1	0.23	1.00	ug/L	10/17/25 14:03	VX101725
78-93-3	2-Butanone	95.3		1	0.98	5.00	ug/L	10/17/25 14:03	VX101725
56-23-5	Carbon Tetrachloride	19.9		1	0.25	1.00	ug/L	10/17/25 14:03	VX101725
67-66-3	Chloroform	18.2		1	0.25	1.00	ug/L	10/17/25 14:03	VX101725
71-43-2	Benzene	19.5		1	0.15	1.00	ug/L	10/17/25 14:03	VX101725
107-06-2	1,2-Dichloroethane	19.9		1	0.22	1.00	ug/L	10/17/25 14:03	VX101725
79-01-6	Trichloroethene	19.5		1	0.090	1.00	ug/L	10/17/25 14:03	VX101725
127-18-4	Tetrachloroethene	18.9		1	0.23	1.00	ug/L	10/17/25 14:03	VX101725
108-90-7	Chlorobenzene	19.3		1	0.12	1.00	ug/L	10/17/25 14:03	VX101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	43.7			74 - 125	87%	SPK: 50		
1868-53-7	Dibromofluoromethane	51.2			75 - 124	102%	SPK: 50		
2037-26-5	Toluene-d8	48.1			86 - 113	96%	SPK: 50		
460-00-4	4-Bromofluorobenzene	47.9			77 - 121	96%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	157000							
540-36-3	1,4-Difluorobenzene	249000							
3114-55-4	Chlorobenzene-d5	238000							
3855-82-1	1,4-Dichlorobenzene-d4	113000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA PURS Station	Date Received:	
Client Sample ID:	VX1017WBSD01	SDG No.:	Q3349
Lab Sample ID:	VX1017WBSD01	Matrix:	TCLP
Analytical Method:	8260D	Level : LOW	% Solid: 0
Sample Wt/Vol:	5 mL	Final Vol: 5000 uL	Test: TCLP VOA

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-01-4	Vinyl Chloride	18.5		1	0.26	1.00	ug/L	10/17/25 14:30	VX101725
75-35-4	1,1-Dichloroethene	18.5		1	0.23	1.00	ug/L	10/17/25 14:30	VX101725
78-93-3	2-Butanone	96.7		1	0.98	5.00	ug/L	10/17/25 14:30	VX101725
56-23-5	Carbon Tetrachloride	19.7		1	0.25	1.00	ug/L	10/17/25 14:30	VX101725
67-66-3	Chloroform	18.5		1	0.25	1.00	ug/L	10/17/25 14:30	VX101725
71-43-2	Benzene	19.2		1	0.15	1.00	ug/L	10/17/25 14:30	VX101725
107-06-2	1,2-Dichloroethane	20.5		1	0.22	1.00	ug/L	10/17/25 14:30	VX101725
79-01-6	Trichloroethene	18.5		1	0.090	1.00	ug/L	10/17/25 14:30	VX101725
127-18-4	Tetrachloroethene	18.9		1	0.23	1.00	ug/L	10/17/25 14:30	VX101725
108-90-7	Chlorobenzene	19.3		1	0.12	1.00	ug/L	10/17/25 14:30	VX101725
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	45.5			74 - 125	91%	SPK: 50		
1868-53-7	Dibromofluoromethane	50.6			75 - 124	101%	SPK: 50		
2037-26-5	Toluene-d8	47.7			86 - 113	95%	SPK: 50		
460-00-4	4-Bromofluorobenzene	48.3			77 - 121	97%	SPK: 50		
INTERNAL STANDARDS		**Area Count**							
363-72-4	Pentafluorobenzene	149000							
540-36-3	1,4-Difluorobenzene	237000							
3114-55-4	Chlorobenzene-d5	229000							
3855-82-1	1,4-Dichlorobenzene-d4	106000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3349

Instrument ID: MSVOA_X Calibration Date(s): 10/17/2025 10/17/2025

Heated Purge: (Y/N) N Calibration Time(s): 08:45 10:36

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF001 = VX048198.D RRF005 = VX048199.D RRF020 = VX048200.D
RRF050 = VX048201.D RRF100 = VX048202.D RRF150 = VX048203.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Vinyl Chloride	0.633	0.705	0.602	0.673	0.690	0.716	0.670	6.6
1,1-Dichloroethene	0.599	0.577	0.519	0.569	0.598	0.615	0.579	5.9
2-Butanone	0.275	0.312	0.291	0.314	0.323	0.331	0.308	6.8
Carbon Tetrachloride	0.652	0.593	0.507	0.575	0.540	0.499	0.561	10.3
Chloroform	1.240	1.331	1.133	1.166	1.202	1.242	1.219	5.7
Benzene	1.460	1.511	1.325	1.497	1.483	1.433	1.452	4.7
1,2-Dichloroethane	0.506	0.564	0.495	0.546	0.501	0.508	0.520	5.4
Trichloroethene	0.372	0.374	0.346	0.367	0.378	0.358	0.366	3.3
Tetrachloroethene	0.427	0.337	0.317	0.350	0.341	0.331	0.351	11.1
Chlorobenzene	1.099	1.113	1.015	1.125	1.113	1.095	1.093	3.6
1,2-Dichloroethane-d4		0.862	0.746	0.732	0.756	0.778	0.775	6.6
Dibromofluoromethane		0.373	0.341	0.342	0.347	0.332	0.347	4.5
Toluene-d8		1.311	1.188	1.262	1.224	1.265	1.250	3.7
4-Bromofluorobenzene		0.482	0.429	0.450	0.445	0.470	0.455	4.6

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

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

LAB CHRONICLE

OrderID:	Q3349	**OrderDate:**	10/15/2025 9:30:00 AM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	NYPA PURS Station
Contact:	Roland Scardino	**Location:**	J31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3349-01	**PURS Station**	**TCLP**			**10/13/25**			**10/14/25**
			TCLP BNA	8270E		10/17/25	10/17/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3349

Client: Core Environmental Consultants and Services, Inc.

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

SAMPLE DATA

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/17/25
Project:	NYPA PURS Station	Date Received:	10/17/25
Client Sample ID:	PB170116TB	SDG No.:	Q3349
Lab Sample ID:	PB170116TB	Matrix:	TCLP
Analytical Method:	8270E Level : LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	SW3541 Prep Date: 10/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	12.8	U	1	12.8	50.0	ug/L	10/17/25 16:09	PB170149
106-46-7	1,4-Dichlorobenzene	5.30	U	1	5.30	50.0	ug/L	10/17/25 16:09	PB170149
95-48-7	2-Methylphenol	11.2	U	1	11.2	50.0	ug/L	10/17/25 16:09	PB170149
65794-96-9	3+4-Methylphenols	11.0	U	1	11.0	100	ug/L	10/17/25 16:09	PB170149
67-72-1	Hexachloroethane	6.50	U	1	6.50	50.0	ug/L	10/17/25 16:09	PB170149
98-95-3	Nitrobenzene	7.60	U	1	7.60	50.0	ug/L	10/17/25 16:09	PB170149
87-68-3	Hexachlorobutadiene	5.40	U	1	5.40	50.0	ug/L	10/17/25 16:09	PB170149
88-06-2	2,4,6-Trichlorophenol	5.10	U	1	5.10	50.0	ug/L	10/17/25 16:09	PB170149
95-95-4	2,4,5-Trichlorophenol	6.20	U	1	6.20	50.0	ug/L	10/17/25 16:09	PB170149
121-14-2	2,4-Dinitrotoluene	12.2	U	1	12.2	50.0	ug/L	10/17/25 16:09	PB170149
118-74-1	Hexachlorobenzene	5.20	U	1	5.20	50.0	ug/L	10/17/25 16:09	PB170149
87-86-5	Pentachlorophenol	15.8	U	1	15.8	100	ug/L	10/17/25 16:09	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	123			23 - 138	82%	SPK: 150		
13127-88-3	Phenol-d6	121			10 - 134	81%	SPK: 150		
4165-60-0	Nitrobenzene-d5	90.9			67 - 132	91%	SPK: 100		
321-60-8	2-Fluorobiphenyl	79.9			52 - 132	80%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	136			44 - 137	90%	SPK: 150		
1718-51-0	Terphenyl-d14	93.0			42 - 152	93%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	124000							
1146-65-2	Naphthalene-d8	485000							
15067-26-2	Acenaphthene-d10	278000							
1517-22-2	Phenanthrene-d10	479000							
1719-03-5	Chrysene-d12	303000							
1520-96-3	Perylene-d12	259000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/13/25
Project:	NYPA PURS Station	Date Received:	10/14/25
Client Sample ID:	PURS Station	SDG No.:	Q3349
Lab Sample ID:	Q3349-01	Matrix:	TCLP
Analytical Method:	8270E Level : LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 10000 uL	Test:	TCLP BNA
Prep Method :	SW3541 Prep Date: 10/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	130	U	1	130	500	ug/L	10/17/25 18:43	PB170149
106-46-7	1,4-Dichlorobenzene	53.0	U	1	53.0	500	ug/L	10/17/25 18:43	PB170149
95-48-7	2-Methylphenol	110	U	1	110	500	ug/L	10/17/25 18:43	PB170149
65794-96-9	3+4-Methylphenols	110	U	1	110	1000	ug/L	10/17/25 18:43	PB170149
67-72-1	Hexachloroethane	65.0	U	1	65.0	500	ug/L	10/17/25 18:43	PB170149
98-95-3	Nitrobenzene	76.0	U	1	76.0	500	ug/L	10/17/25 18:43	PB170149
87-68-3	Hexachlorobutadiene	54.0	U	1	54.0	500	ug/L	10/17/25 18:43	PB170149
88-06-2	2,4,6-Trichlorophenol	51.0	U	1	51.0	500	ug/L	10/17/25 18:43	PB170149
95-95-4	2,4,5-Trichlorophenol	62.0	U	1	62.0	500	ug/L	10/17/25 18:43	PB170149
121-14-2	2,4-Dinitrotoluene	120	U	1	120	500	ug/L	10/17/25 18:43	PB170149
118-74-1	Hexachlorobenzene	52.0	U	1	52.0	500	ug/L	10/17/25 18:43	PB170149
87-86-5	Pentachlorophenol	160	U	1	160	1000	ug/L	10/17/25 18:43	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	176			23 - 138	117%	SPK: 150		
13127-88-3	Phenol-d6	170			10 - 134	114%	SPK: 150		
4165-60-0	Nitrobenzene-d5	119			67 - 132	119%	SPK: 100		
321-60-8	2-Fluorobiphenyl	133	*		52 - 132	133%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	134			44 - 137	89%	SPK: 150		
1718-51-0	Terphenyl-d14	131			42 - 152	131%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	87700							
1146-65-2	Naphthalene-d8	299000							
15067-26-2	Acenaphthene-d10	127000							
1517-22-2	Phenanthrene-d10	159000							
1719-03-5	Chrysene-d12	119000							
1520-96-3	Perylene-d12	176000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

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

Surrogate Summary

SW-846

SDG No.: Q3349

Client: Core Environmental Consultants and Services, Inc.

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB170116TB	PB170116TB	2-Fluorophenol	150	123	82		23	138
		Phenol-d6	150	121	81		10	134
		Nitrobenzene-d5	100	90.9	91		67	132
		2-Fluorobiphenyl	100	79.9	80		52	132
		2,4,6-Tribromophenol	150	136	90		44	137
		Terphenyl-d14	100	93.0	93		42	152
PB170149BL	PB170149BL	2-Fluorophenol	150	125	83		23	138
		Phenol-d6	150	126	84		10	134
		Nitrobenzene-d5	100	92.8	93		67	132
		2-Fluorobiphenyl	100	82.5	82		52	132
		2,4,6-Tribromophenol	150	141	94		44	137
		Terphenyl-d14	100	96.5	97		42	152
PB170149BS	PB170149BS	2-Fluorophenol	150	117	78		23	138
		Phenol-d6	150	117	78		10	134
		Nitrobenzene-d5	100	86.0	86		67	132
		2-Fluorobiphenyl	100	77.7	78		52	132
		2,4,6-Tribromophenol	150	128	85		44	137
		Terphenyl-d14	100	93.9	94		42	152
Q3349-01	PURS Station	2-Fluorophenol	150	176	117		23	138
		Phenol-d6	150	170	114		10	134
		Nitrobenzene-d5	100	119	119		67	132
		2-Fluorobiphenyl	100	133	133	*	52	132
		2,4,6-Tribromophenol	150	134	89		44	137
		Terphenyl-d14	100	131	131		42	152
Q3352-04MS	TP-3MS	2-Fluorophenol	150	146	97		23	138
		Phenol-d6	150	140	93		10	134
		Nitrobenzene-d5	100	114	114		67	132
		2-Fluorobiphenyl	100	102	102		52	132
		2,4,6-Tribromophenol	150	168	112		44	137
		Terphenyl-d14	100	99.6	100		42	152
Q3352-04MSD	TP-3MSD	2-Fluorophenol	150	151	101		23	138
		Phenol-d6	150	143	95		10	134
		Nitrobenzene-d5	100	116	116		67	132
		2-Fluorobiphenyl	100	106	106		52	132
		2,4,6-Tribromophenol	150	169	113		44	137
		Terphenyl-d14	100	109	109		42	152

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3349 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BF143989.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3352-04MS		**Client Sample ID: TP-3MS**									
Pyridine	500	0	450	ug/L	90				10	109	
1,4-Dichlorobenzene	500	0	550	ug/L	110				55	125	
2-Methylphenol	500	0	570	ug/L	114				60	131	
3+4-Methylphenols	500	0	540	ug/L	108				54	136	
Hexachloroethane	500	0	540	ug/L	108				19	146	
Nitrobenzene	500	0	570	ug/L	114	*			62	112	
Hexachlorobutadiene	500	0	530	ug/L	106				52	125	
2,4,6-Trichlorophenol	500	0	550	ug/L	110				78	112	
2,4,5-Trichlorophenol	500	0	560	ug/L	112	*			71	111	
2,4-Dinitrotoluene	500	0	660	ug/L	132				74	137	
Hexachlorobenzene	500	0	560	ug/L	112				72	115	
Pentachlorophenol	1000	0	1000	ug/L	100				52	162	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3349 **Analytical Method:** SW8270E

Client: Core Environmental Consultants and Ser **DataFile:** BF143990.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3352-04MSD		**Client Sample ID: TP-3MSD**									
Pyridine	500	0	470	ug/L	94		4		10	109	20
1,4-Dichlorobenzene	500	0	560	ug/L	112		2		55	125	20
2-Methylphenol	500	0	570	ug/L	114		0		60	131	20
3+4-Methylphenols	500	0	550	ug/L	110		2		54	136	20
Hexachloroethane	500	0	530	ug/L	106		2		19	146	20
Nitrobenzene	500	0	590	ug/L	118	*	3		62	112	20
Hexachlorobutadiene	500	0	540	ug/L	108		2		52	125	20
2,4,6-Trichlorophenol	500	0	570	ug/L	114	*	4		78	112	20
2,4,5-Trichlorophenol	500	0	580	ug/L	116	*	4		71	111	20
2,4-Dinitrotoluene	500	0	670	ug/L	134		2		74	137	20
Hexachlorobenzene	500	0	580	ug/L	116	*	4		72	115	20
Pentachlorophenol	1000	0	1100	ug/L	110		10		52	162	20

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3349 **Analytical Method:** 8270E

Client: Core Environmental Consultants and Services, Inc. **DataFile:** BF143986.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170149BS	Pyridine	50	40.4	ug/L	81				29	97	
	1,4-Dichlorobenzene	50	45.7	ug/L	91				76	103	
	2-Methylphenol	50	45.9	ug/L	92				69	109	
	3+4-Methylphenols	50	43.4	ug/L	87				67	106	
	Hexachloroethane	50	45.2	ug/L	90				76	118	
	Nitrobenzene	50	46.6	ug/L	93				58	106	
	Hexachlorobutadiene	50	44.8	ug/L	90				69	101	
	2,4,6-Trichlorophenol	50	43.9	ug/L	88				61	110	
	2,4,5-Trichlorophenol	50	44.7	ug/L	89				70	106	
	2,4-Dinitrotoluene	50	51.5	ug/L	103				60	115	
	Hexachlorobenzene	50	47.9	ug/L	96				73	106	
	Pentachlorophenol	100	85.6	ug/L	86				47	114	

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID
PB170149BL

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3349

Lab File ID: BF143985.D Lab Sample ID: PB170149BL

Instrument ID: BNA_F Date Extracted: 10/17/2025

Matrix: (soil/water) water Date Analyzed: 10/17/2025

Level: (low/med) LOW Time Analyzed: 15:11

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB170149BS	PB170149BS	BF143986.D	10/17/2025
TP-3MS	Q3352-04MS	BF143989.D	10/17/2025
TP-3MSD	Q3352-04MSD	BF143990.D	10/17/2025
PURS Station	Q3349-01	BF143992.D	10/17/2025
PB170116TB	PB170116TB	BF143987.D	10/17/2025

COMMENTS:

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3349

Lab File ID: BF143874.D DFTPP Injection Date: 10/06/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	24
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	4.9
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	15.4
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BF143875.D	10/06/2025	09:59
SSTDICC005	SSTDICC005	BF143876.D	10/06/2025	10:28
SSTDICC010	SSTDICC010	BF143877.D	10/06/2025	10:57
SSTDICC020	SSTDICC020	BF143878.D	10/06/2025	11:56
SSTDICCC040	SSTDICCC040	BF143879.D	10/06/2025	12:54
SSTDICC050	SSTDICC050	BF143880.D	10/06/2025	13:23
SSTDICC060	SSTDICC060	BF143881.D	10/06/2025	13:53
SSTDICC080	SSTDICC080	BF143882.D	10/06/2025	14:22

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

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG NO.: Q3349

Lab File ID: BF143983.D DFTPP Injection Date: 10/17/2025

Instrument ID: BNA_F DFTPP Injection Time: 14:14

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.7) 1
69	Mass 69 relative abundance	18.4
70	Less than 2.0% of mass 69	0.1 (0.6) 1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	3.8
365	Greater than 1% of mass 198	2.8
441	Present, but less than mass 443	15.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF143984.D	10/17/2025	14:43
PB170149BL	PB170149BL	BF143985.D	10/17/2025	15:11
PB170149BS	PB170149BS	BF143986.D	10/17/2025	15:40
PB170116TB	PB170116TB	BF143987.D	10/17/2025	16:09
TP-3MS	Q3352-04MS	BF143989.D	10/17/2025	17:16
TP-3MSD	Q3352-04MSD	BF143990.D	10/17/2025	17:45
PURS Station	Q3349-01	BF143992.D	10/17/2025	18:43

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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3349

Client ID : SSTDCCC040 Date Analyzed: 10/17/2025

Lab File ID: BF143984.D Time Analyzed: 14:43

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	156623	6.887	566623	8.17	278942	9.92
	UPPER LIMIT	313246	7.387	1133250	8.669	557884	10.422
	LOWER LIMIT	78311.5	6.387	283312	7.669	139471	9.422
	EPA SAMPLE NO.						
01	PB170149BL	124841	6.88	484003	8.16	266250	9.92
02	PB170149BS	119613	6.88	469641	8.16	253761	9.92
03	PB170116TB	124101	6.88	484858	8.16	277642	9.92
04	TP-3MS	84940	6.88	333517	8.16	183894	9.92
05	TP-3MSD	83393	6.88	325316	8.16	173895	9.92
06	PURS Station	87692	6.88	299344	8.16	127355 *	9.92

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3349

Client ID: SSTDCCC040 Date Analyzed: 10/17/2025

Lab File ID: BF143984.D Time Analyzed: 14:43

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	461614	11.416	286617	14.069	311878	15.551
	UPPER LIMIT	923228	11.916	573234	14.569	623756	16.051
	LOWER LIMIT	230807	10.916	143309	13.569	155939	15.051
	EPA SAMPLE NO.						
01	PB170149BL	466858	11.42	270321	14.06	237285	15.55
02	PB170149BS	406747	11.42	226465	14.06	234681	15.55
03	PB170116TB	478688	11.41	302571	14.06	258607	15.55
04	TP-3MS	312055	11.42	209178	14.06	234382	15.55
05	TP-3MSD	283241	11.42	164621	14.06	207601	15.55
06	PURS Station	159085 *	11.42	119082 *	14.09	176056	15.60

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

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

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

QC SAMPLE DATA

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA PURS Station	Date Received:	
Client Sample ID:	PB170149BL	SDG No.:	Q3349
Lab Sample ID:	PB170149BL	Matrix:	TCLP
Analytical Method:	8270E	Level : LOW	% Solid: 0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test: TCLP BNA
Prep Method :		Prep Date: 10/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	1.30	U	1	1.30	5.00	ug/L	10/17/25 15:11	PB170149
106-46-7	1,4-Dichlorobenzene	0.53	U	1	0.53	5.00	ug/L	10/17/25 15:11	PB170149
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.00	ug/L	10/17/25 15:11	PB170149
65794-96-9	3+4-Methylphenols	1.10	U	1	1.10	10.0	ug/L	10/17/25 15:11	PB170149
67-72-1	Hexachloroethane	0.65	U	1	0.65	5.00	ug/L	10/17/25 15:11	PB170149
98-95-3	Nitrobenzene	0.76	U	1	0.76	5.00	ug/L	10/17/25 15:11	PB170149
87-68-3	Hexachlorobutadiene	0.54	U	1	0.54	5.00	ug/L	10/17/25 15:11	PB170149
88-06-2	2,4,6-Trichlorophenol	0.51	U	1	0.51	5.00	ug/L	10/17/25 15:11	PB170149
95-95-4	2,4,5-Trichlorophenol	0.62	U	1	0.62	5.00	ug/L	10/17/25 15:11	PB170149
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.00	ug/L	10/17/25 15:11	PB170149
118-74-1	Hexachlorobenzene	0.52	U	1	0.52	5.00	ug/L	10/17/25 15:11	PB170149
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.0	ug/L	10/17/25 15:11	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	125			23 - 138	83%	SPK: 150		
13127-88-3	Phenol-d6	126			10 - 134	84%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.8			67 - 132	93%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.5			52 - 132	82%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	141			44 - 137	94%	SPK: 150		
1718-51-0	Terphenyl-d14	96.5			42 - 152	97%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	125000							
1146-65-2	Naphthalene-d8	484000							
15067-26-2	Acenaphthene-d10	266000							
1517-22-2	Phenanthrene-d10	467000							
1719-03-5	Chrysene-d12	270000							
1520-96-3	Perylene-d12	237000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA PURS Station	Date Received:	
Client Sample ID:	PB170149BS	SDG No.:	Q3349
Lab Sample ID:	PB170149BS	Matrix:	TCLP
Analytical Method:	8270E	Level : LOW	% Solid: 0
Sample Wt/Vol:	1000 mL	Final Vol: 1000 uL	Test: TCLP BNA
Prep Method :		Prep Date: 10/17/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	40.4		1	1.30	5.00	ug/L	10/17/25 15:40	PB170149
106-46-7	1,4-Dichlorobenzene	45.7		1	0.53	5.00	ug/L	10/17/25 15:40	PB170149
95-48-7	2-Methylphenol	45.9		1	1.10	5.00	ug/L	10/17/25 15:40	PB170149
65794-96-9	3+4-Methylphenols	43.4		1	1.10	10.0	ug/L	10/17/25 15:40	PB170149
67-72-1	Hexachloroethane	45.2		1	0.65	5.00	ug/L	10/17/25 15:40	PB170149
98-95-3	Nitrobenzene	46.6		1	0.76	5.00	ug/L	10/17/25 15:40	PB170149
87-68-3	Hexachlorobutadiene	44.8		1	0.54	5.00	ug/L	10/17/25 15:40	PB170149
88-06-2	2,4,6-Trichlorophenol	43.9		1	0.51	5.00	ug/L	10/17/25 15:40	PB170149
95-95-4	2,4,5-Trichlorophenol	44.7		1	0.62	5.00	ug/L	10/17/25 15:40	PB170149
121-14-2	2,4-Dinitrotoluene	51.5		1	1.20	5.00	ug/L	10/17/25 15:40	PB170149
118-74-1	Hexachlorobenzene	47.9		1	0.52	5.00	ug/L	10/17/25 15:40	PB170149
87-86-5	Pentachlorophenol	85.6	E	1	1.60	10.0	ug/L	10/17/25 15:40	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	117			23 - 138	78%	SPK: 150		
13127-88-3	Phenol-d6	117			10 - 134	78%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.0			67 - 132	86%	SPK: 100		
321-60-8	2-Fluorobiphenyl	77.7			52 - 132	78%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	128			44 - 137	85%	SPK: 150		
1718-51-0	Terphenyl-d14	93.9			42 - 152	94%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	120000							
1146-65-2	Naphthalene-d8	470000							
15067-26-2	Acenaphthene-d10	254000							
1517-22-2	Phenanthrene-d10	407000							
1719-03-5	Chrysene-d12	226000							
1520-96-3	Perylene-d12	235000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/15/25
Project:	NYPA PURS Station	Date Received:	10/15/25
Client Sample ID:	TP-3MS	SDG No.:	Q3349
Lab Sample ID:	Q3352-04MS	Matrix:	TCLP
Analytical Method:	8270E Level : LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	Prep Date: 10/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	450		1	12.8	50.0	ug/L	10/17/25 17:16	PB170149
106-46-7	1,4-Dichlorobenzene	550		1	5.30	50.0	ug/L	10/17/25 17:16	PB170149
95-48-7	2-Methylphenol	570		1	11.2	50.0	ug/L	10/17/25 17:16	PB170149
65794-96-9	3+4-Methylphenols	540		1	11.0	100	ug/L	10/17/25 17:16	PB170149
67-72-1	Hexachloroethane	540		1	6.50	50.0	ug/L	10/17/25 17:16	PB170149
98-95-3	Nitrobenzene	570		1	7.60	50.0	ug/L	10/17/25 17:16	PB170149
87-68-3	Hexachlorobutadiene	530		1	5.40	50.0	ug/L	10/17/25 17:16	PB170149
88-06-2	2,4,6-Trichlorophenol	550		1	5.10	50.0	ug/L	10/17/25 17:16	PB170149
95-95-4	2,4,5-Trichlorophenol	560		1	6.20	50.0	ug/L	10/17/25 17:16	PB170149
121-14-2	2,4-Dinitrotoluene	660		1	12.2	50.0	ug/L	10/17/25 17:16	PB170149
118-74-1	Hexachlorobenzene	560		1	5.20	50.0	ug/L	10/17/25 17:16	PB170149
87-86-5	Pentachlorophenol	1000	E	1	15.8	100	ug/L	10/17/25 17:16	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	146			23 - 138	97%	SPK: 150		
13127-88-3	Phenol-d6	140			10 - 134	93%	SPK: 150		
4165-60-0	Nitrobenzene-d5	114			67 - 132	114%	SPK: 100		
321-60-8	2-Fluorobiphenyl	102			52 - 132	102%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	168			44 - 137	112%	SPK: 150		
1718-51-0	Terphenyl-d14	99.6			42 - 152	100%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	84900							
1146-65-2	Naphthalene-d8	334000							
15067-26-2	Acenaphthene-d10	184000							
1517-22-2	Phenanthrene-d10	312000							
1719-03-5	Chrysene-d12	209000							
1520-96-3	Perylene-d12	234000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/15/25
Project:	NYPA PURS Station	Date Received:	10/15/25
Client Sample ID:	TP-3MSD	SDG No.:	Q3349
Lab Sample ID:	Q3352-04MSD	Matrix:	TCLP
Analytical Method:	8270E Level : LOW	% Solid:	0
Sample Wt/Vol:	100 mL Final Vol: 1000 uL	Test:	TCLP BNA
Prep Method :	Prep Date: 10/17/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
110-86-1	Pyridine	470		1	12.8	50.0	ug/L	10/17/25 17:45	PB170149
106-46-7	1,4-Dichlorobenzene	560		1	5.30	50.0	ug/L	10/17/25 17:45	PB170149
95-48-7	2-Methylphenol	570		1	11.2	50.0	ug/L	10/17/25 17:45	PB170149
65794-96-9	3+4-Methylphenols	550		1	11.0	100	ug/L	10/17/25 17:45	PB170149
67-72-1	Hexachloroethane	530		1	6.50	50.0	ug/L	10/17/25 17:45	PB170149
98-95-3	Nitrobenzene	590		1	7.60	50.0	ug/L	10/17/25 17:45	PB170149
87-68-3	Hexachlorobutadiene	540		1	5.40	50.0	ug/L	10/17/25 17:45	PB170149
88-06-2	2,4,6-Trichlorophenol	570		1	5.10	50.0	ug/L	10/17/25 17:45	PB170149
95-95-4	2,4,5-Trichlorophenol	580		1	6.20	50.0	ug/L	10/17/25 17:45	PB170149
121-14-2	2,4-Dinitrotoluene	670		1	12.2	50.0	ug/L	10/17/25 17:45	PB170149
118-74-1	Hexachlorobenzene	580		1	5.20	50.0	ug/L	10/17/25 17:45	PB170149
87-86-5	Pentachlorophenol	1100	E	1	15.8	100	ug/L	10/17/25 17:45	PB170149
SURROGATES									
367-12-4	2-Fluorophenol	151			23 - 138	101%	SPK: 150		
13127-88-3	Phenol-d6	143			10 - 134	95%	SPK: 150		
4165-60-0	Nitrobenzene-d5	116			67 - 132	116%	SPK: 100		
321-60-8	2-Fluorobiphenyl	106			52 - 132	106%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	169			44 - 137	113%	SPK: 150		
1718-51-0	Terphenyl-d14	109			42 - 152	109%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	83400							
1146-65-2	Naphthalene-d8	325000							
15067-26-2	Acenaphthene-d10	174000							
1517-22-2	Phenanthrene-d10	283000							
1719-03-5	Chrysene-d12	165000							
1520-96-3	Perylene-d12	208000							

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Mon Oct 06 15:29:47 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF143875.D 5 =BF143876.D 10 =BF143877.D 20 =BF143878.D 40 =BF143879.D 50 =BF143880.D 60 =BF143881.D 80 =BF1438
82.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.614	0.595	0.597	0.609	0.544	0.576	0.544	0.583	4.96
3)		Pyridine		1.691	1.672	1.749	1.772	1.668	1.680	1.644	1.697	2.74
4)		n-Nitrosodimet...			0.825	0.895	0.909	0.917	0.909	0.900	0.893	3.81
5)	S	2-Fluorophenol		1.378	1.349	1.352	1.307	1.173	1.177	1.079	1.259	9.15
6)		Aniline		2.400	2.327	2.361	2.343	2.185	2.134	1.997	2.250	6.58
7)	S	Phenol-d6		1.626	1.631	1.601	1.542	1.404	1.387	1.317	1.501	8.62
8)		2-Chlorophenol		1.324	1.229	1.274	1.294	1.201	1.182	1.113	1.231	5.90
9)		Benzaldehyde			1.115	1.026	1.329	1.198	1.390	0.890	1.158	16.18
10)	C	Phenol		1.934	1.814	1.889	1.841	1.756	1.739	1.589	1.795	6.33
11)		bis(2-Chloroet...		1.487	1.457	1.467	1.446	1.308	1.302	1.238	1.386	7.25
12)		1,3-Dichlorobe...		1.742	1.591	1.589	1.516	1.336	1.327	1.215	1.474	12.64
13)	C	1,4-Dichlorobe...		1.653	1.606	1.567	1.499	1.326	1.340	1.185	1.454	11.88
14)		1,2-Dichlorobe...		1.581	1.507	1.501	1.434	1.283	1.288	1.153	1.392	11.06
15)		Benzyl Alcohol			1.118	1.138	1.173	1.134	1.104	1.082	1.125	2.79
16)		2,2'-oxybis(1-...		3.520	3.385	3.273	3.239	3.008	2.945	2.720	3.156	8.79
17)		2-Methylphenol		1.064	1.057	1.049	1.054	0.985	0.986	0.927	1.017	5.10
18)		Hexachloroethane		0.533	0.508	0.515	0.501	0.456	0.464	0.417	0.485	8.39
19)	P	n-Nitroso-di-n...	1.052	1.135	1.134	1.054	1.026	0.970	0.938	0.912	1.028	8.13
20)		3+4-Methylphenols			1.401	1.342	1.266	1.067	1.068	0.933	1.179	15.58
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.515	0.461	0.462	0.433	0.374	0.375	0.340	0.423	14.67
23)	S	Nitrobenzene-d5		0.325	0.333	0.347	0.345	0.323	0.325	0.307	0.329	4.19
24)		Nitrobenzene		0.369	0.349	0.389	0.391	0.352	0.365	0.342	0.366	5.26
25)		Isophorone		0.754	0.708	0.708	0.705	0.665	0.663	0.656	0.694	5.04
26)	C	2-Nitrophenol		0.121	0.133	0.163	0.174	0.167	0.173	0.166	0.157	13.39
27)		2,4-Dimethylph...		0.287	0.288	0.292	0.295	0.271	0.278	0.264	0.282	4.08
28)		bis(2-Chloroet...		0.510	0.474	0.463	0.444	0.398	0.401	0.380	0.438	10.79
29)	C	2,4-Dichloroph...		0.317	0.292	0.313	0.307	0.280	0.282	0.265	0.294	6.54
30)		1,2,4-Trichlor...		0.331	0.299	0.307	0.298	0.266	0.272	0.249	0.289	9.57
31)		Naphthalene		1.103	0.996	0.972	0.932	0.817	0.817	0.732	0.910	14.06
32)		Benzoic acid			0.131	0.173	0.200	0.216	0.222	0.228	0.195	18.95
33)		4-Chloroaniline		0.368	0.370	0.357	0.355	0.319	0.321	0.298	0.341	8.20
34)	C	Hexachlorobuta...		0.231	0.214	0.210	0.207	0.183	0.187	0.173	0.201	10.11
35)		Caprolactam			0.092	0.091	0.095	0.094	0.093	0.094	0.093	1.59
36)	C	4-Chloro-3-met...		0.301	0.302	0.289	0.287	0.269	0.270	0.256	0.282	6.27
37)		2-Methylnaphth...		0.742	0.683	0.654	0.616	0.527	0.533	0.487	0.606	15.46
38)		1-Methylnaphth...		0.719	0.656	0.629	0.605	0.517	0.523	0.465	0.588	15.23

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.610	0.592	0.595	0.590	0.500	0.519	0.464	0.553	10.38
41)	P	Hexachlorocycl...		0.182	0.216	0.257	0.246	0.240	0.235	0.229	11.77
42)	S	2,4,6-Tribromo...	0.194	0.192	0.210	0.207	0.198	0.200	0.193	0.199	3.51
43)	C	2,4,6-Trichlor...	0.408	0.394	0.426	0.445	0.383	0.395	0.376	0.404	6.07
44)		2,4,5-Trichlor...	0.443	0.444	0.460	0.456	0.401	0.403	0.380	0.427	7.34
45)	S	2-Fluorobiphenyl	1.568	1.424	1.335	1.224	0.984	1.028		1.260	18.04
46)		1,1'-Biphenyl	1.617	1.476	1.448	1.374	1.134	1.171	1.050	1.324	15.77
47)		2-Chloronaphth...	1.294	1.196	1.197	1.137	0.988	1.003	0.913	1.104	12.50
48)		2-Nitroaniline	0.293	0.322	0.371	0.392	0.354	0.365	0.348	0.349	9.43
49)		Acenaphthylene	1.797	1.701	1.648	1.623	1.386	1.426	1.284	1.552	12.11
50)		Dimethylphthalate	1.442	1.351	1.334	1.291	1.166	1.202	1.105	1.270	9.29
51)		2,6-Dinitrotol...	0.201	0.204	0.245	0.262	0.250	0.250	0.237	0.236	10.13
52)	C	Acenaphthene	1.177	1.115	1.096	1.052	0.897	0.934	0.847	1.017	12.21
53)		3-Nitroaniline	0.256	0.270	0.306	0.306	0.296	0.298	0.286	0.288	6.59
54)	P	2,4-Dinitrophenol		0.061	0.094	0.120	0.143	0.144	0.146	0.118	29.25
55)		Dibenzofuran	1.680	1.608	1.572	1.494	1.253	1.295	1.149	1.436	14.13
56)	P	4-Nitrophenol		0.173	0.215	0.234	0.230	0.228	0.230	0.218	10.55
57)		2,4-Dinitrotol...	0.252	0.284	0.341	0.365	0.335	0.346	0.320	0.320	12.30
58)		Fluorene	1.393	1.266	1.173	1.097	0.897	0.922	0.835	1.083	19.21
59)		2,3,4,6-Tetrac...	0.276	0.303	0.315	0.325	0.300	0.309	0.288	0.302	5.49
60)		Diethylphthalate	1.319	1.281	1.273	1.222	1.070	1.105	0.989	1.180	10.62
61)		4-Chlorophenyl...	0.689	0.662	0.626	0.596	0.485	0.505	0.446	0.573	16.43
62)		4-Nitroaniline	0.257	0.259	0.285	0.292	0.287	0.288	0.274	0.277	5.25
63)		Azobenzene	1.387	1.331	1.308	1.280	1.114	1.156	1.055	1.233	10.10
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.065	0.092	0.111	0.112	0.114	0.110	0.101	19.26
66)	c	n-Nitrosodiphe...	0.712	0.683	0.675	0.656	0.560	0.584	0.527	0.628	11.22
67)		4-Bromophenyl-...	0.247	0.234	0.231	0.231	0.201	0.207	0.196	0.221	8.74
68)		Hexachlorobenzene	0.277	0.268	0.263	0.267	0.242	0.245	0.231	0.256	6.59
69)		Atrazine	0.197	0.206	0.213	0.195	0.184	0.177	0.161	0.190	9.44
70)	C	Pentachlorophenol		0.117	0.152	0.157	0.154	0.154	0.147	0.147	10.10
71)		Phenanthrene	1.164	1.092	1.066	0.976	0.842	0.872	0.775	0.970	14.94
72)		Anthracene	1.161	1.097	1.057	1.025	0.854	0.881	0.781	0.980	14.43
73)		Carbazole	1.015	0.962	0.939	0.884	0.766	0.804	0.703	0.868	13.10
74)		Di-n-butylphth...	1.089	1.094	1.108	1.053	0.910	0.954	0.830	1.005	10.76
75)	C	Fluoranthene	1.156	1.153	1.094	1.032	0.876	0.910	0.789	1.002	14.43
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.701	0.719	0.761	0.651	0.640		0.694	7.16
78)		Pyrene	1.838	1.663	1.769	1.863	1.541	1.578	1.420	1.667	9.87
79)	S	Terphenyl-d14	1.301	1.209	1.271	1.279	1.066	1.080	0.984	1.170	10.70
80)		Butylbenzylpht...	0.466	0.503	0.579	0.620	0.545	0.553	0.524	0.542	9.31
81)		Benzo(a)anthra...	1.342	1.347	1.354	1.398	1.232	1.291	1.198	1.309	5.49
82)		3,3'-Dichlorob...		0.364	0.403	0.440	0.401	0.404	0.381	0.399	6.41
83)		Chrysene	1.373	1.188	1.267	1.294	1.116	1.126	1.115	1.211	8.41
84)		Bis(2-ethylhex...	0.591	0.619	0.687	0.739	0.642	0.672	0.619	0.653	7.70
85)	c	Di-n-octyl pht...		0.837	1.009	1.194	1.108	1.151	1.133	1.072	12.19

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF100625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.114	1.104	1.222	1.393	1.235	1.263	1.248	1.225	7.97
88)		Benzo(b)fluora...	1.207	1.138	1.131	1.269	1.095	1.202	1.000	1.149	7.63
89)		Benzo(k)fluora...	1.138	1.173	1.228	1.108	0.923	0.921	0.951	1.063	12.11
90)	C	Benzo(a)pyrene	1.000	1.006	1.037	1.102	0.936	0.970	0.923	0.996	6.17
91)		Dibenzo(a,h)an...	0.888	0.915	1.015	1.128	0.975	1.007	0.972	0.986	7.89
92)		Benzo(g,h,i)pe...	0.889	0.888	0.983	1.117	0.991	1.018	1.014	0.986	8.08

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: CORE02

Lab Code: ACE SDG No.: Q3349

Instrument ID: BNA_F Calibration Date/Time: 10/17/2025 14:43

Lab File ID: BF143984.D Init. Calib. Date(s): 10/06/2025 10/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:59 14:22

GC Column: DB-UI ID: 0.18 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Pyridine	1.697	1.752		3.2	
2-Fluorophenol	1.259	1.280		1.7	
Phenol-d6	1.501	1.459		-2.8	
1,4-Dichlorobenzene	1.454	1.419		-2.4	20.0
2-Methylphenol	1.017	0.961		-5.5	
3+4-Methylphenols	1.179	1.047		-11.2	
Nitrobenzene-d5	0.329	0.339		3.0	
Hexachloroethane	0.485	0.497		2.5	
Nitrobenzene	0.366	0.379		3.6	
Hexachlorobutadiene	0.201	0.204		1.5	20.0
2,4,6-Trichlorophenol	0.404	0.399		-1.2	20.0
2-Fluorobiphenyl	1.260	1.153		-8.5	
2,4,5-Trichlorophenol	0.427	0.438		2.6	
2,4-Dinitrotoluene	0.320	0.353		10.3	
2,4,6-Tribromophenol	0.199	0.203		2.0	
Hexachlorobenzene	0.256	0.259		1.2	
Pentachlorophenol	0.147	0.138		-6.1	20.0
Terphenyl-d14	1.170	1.142		-2.4	

All other compounds must meet a minimum RRF of 0.010.

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

LAB CHRONICLE

OrderID:	Q3349	**OrderDate:**	10/15/2025 9:30:00 AM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	NYPA PURS Station
Contact:	Roland Scardino	**Location:**	J31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3349-02	**PURS Station**	**SOIL**			**10/13/25**			**10/14/25**
			PCB	8082A		10/16/25	10/16/25	

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

Hit Summary Sheet
SW-846

SDG No.: Q3349 **Order ID:** Q3349

Client: Core Environmental Consultants and Services, In **Project ID:** NYPA PURS Station

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

SAMPLE DATA

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/13/25
Project:	NYPA PURS Station	Date Received:	10/14/25
Client Sample ID:	PURS Station	SDG No.:	Q3349
Lab Sample ID:	Q3349-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	1.05 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	1100	U	10	1100	4900	ug/kg	10/16/25 14:28	PB170119
11104-28-2	Aroclor-1221	1200	U	10	1200	4900	ug/kg	10/16/25 14:28	PB170119
11141-16-5	Aroclor-1232	1100	U	10	1100	4900	ug/kg	10/16/25 14:28	PB170119
53469-21-9	Aroclor-1242	1100	U	10	1100	4900	ug/kg	10/16/25 14:28	PB170119
12672-29-6	Aroclor-1248	1700	U	10	1700	4900	ug/kg	10/16/25 14:28	PB170119
11097-69-1	Aroclor-1254	917	U	10	917	4900	ug/kg	10/16/25 14:28	PB170119
37324-23-5	Aroclor-1262	1400	U	10	1400	4900	ug/kg	10/16/25 14:28	PB170119
11100-14-4	Aroclor-1268	1000	U	10	1000	4900	ug/kg	10/16/25 14:28	PB170119
11096-82-5	Aroclor-1260	923	U	10	923	4900	ug/kg	10/16/25 14:28	PB170119
SURROGATES									
877-09-8	Tetrachloro-m-xylene	12.3			32 - 144	62%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.0			32 - 175	85%	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

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

Surrogate Summary

SDG No.: Q3349

Client: Core Environmental Consultants and Ser

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) 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
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
Q3349-02	PURS Station	Tetrachloro-m-xyl	1	20	12.3	62		32	144
		Decachlorobiphen	1	20	17.0	85		32	175
		Tetrachloro-m-xyl	2	20	5.80	29	*	32	144
		Decachlorobiphen	2	20	7.20	36		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

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3349 **Analytical Method:** 8082A

Client: Core Environmental Consultants and Serv **DataFile :** PP075824.D

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

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3349 **Analytical Method:** 8082A

Client: Core Environmental Consultants and Serv **DataFile :** PP075825.D

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

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3349 **Analytical Method:** 8082A

Client: Core Environmental Consultants and Serv **Datafile :** PP075820.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
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	

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170119BL

Lab Name: Alliance | Contract: CORE02

Lab Code: ACE | SDG NO.: Q3349

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
WCS-TP2MS	Q3348-05MS	PP075824.D	10/16/2025	10/16/2025
WCS-TP2MSD	Q3348-05MSD	PP075825.D	10/16/2025	10/16/2025
PURS Station	Q3349-02	PP075828.D	10/16/2025	10/16/2025

COMMENTS:

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3349

Instrument ID: ECD_P **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: RT 1000 = PP075247.D RT 750 = PP075248.D

RT 500 = PP075249.D RT 250 = PP075250.D RT 050 = PP075251.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW 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

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

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

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3349

Instrument ID: ECD_P **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: RT 1000 = PP075247.D RT 750 = PP075248.D

RT 500 = PP075249.D RT 250 = PP075250.D RT 050 = PP075251.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW 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

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

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3349

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

Calibration Times: 08:45 17:14

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

LAB FILE ID: **CF 1000 =** PP075247.D **CF 750 =** PP075248.D

CF 500 = PP075249.D **CF 250 =** PP075250.D **CF 050 =** PP075251.D

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

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

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CORE02
SDG NO.: Q3349
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 = PP075247.D CF 750 = PP075248.D
CF 500 = PP075249.D CF 250 = PP075250.D CF 050 = PP075251.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	550669557	575041595	570968608	557638892	550748680	561013466	2
Aroclor-1016-2	(2)	253692272	266987116	261503738	252594292	250233300	257002144	3
Aroclor-1016-3	(3)	139883237	146298759	147016140	140568364	202575320	155268364	17
Aroclor-1016-4	(4)	139175266	149989423	152767546	146969012	145938660	146967981	3
Aroclor-1016-5	(5)	157135257	166127832	167159970	171673236	154814600	163382179	4
Aroclor-1260-1	(1)	389924896	398807288	400126940	426602072	414215600	405935359	4
Aroclor-1260-2	(2)	565343775	583502056	582903442	580470456	566929720	575829890	2
Aroclor-1260-3	(3)	422351862	433041807	427033404	426203564	431794540	428085035	1
Aroclor-1260-4	(4)	428778820	432299260	434882920	423190072	436968900	431223994	1
Aroclor-1260-5	(5)	1056009939	1104491933	1106785704	1094138908	898515660	1051988429	8
Decachlorobiphenyl		6122260390	6260409867	6205942400	6354732320	5219165200	6032502035	8
Tetrachloro-m-xylene		6636388100	6400989987	6258078260	6278037480	4930931000	6100884965	11
Aroclor-1242-1	(1)	472236904	485846165	486239260	487321948	403955360	467119927	8
Aroclor-1242-2	(2)	217510086	216447451	216513930	219383960	174933800	208957845	9
Aroclor-1242-3	(3)	123250580	122980740	121647250	125144732	116794760	121963612	3
Aroclor-1242-4	(4)	159270704	162580923	163635768	175639772	134330060	159091445	10
Aroclor-1242-5	(5)	192075351	196719551	194226854	201700156	188695940	194683570	3
Decachlorobiphenyl		6210283890	6223405693	6336701840	6098511680	5039253200	5981631261	9
Tetrachloro-m-xylene		6371057840	6261042827	6076223420	6032393800	4834060000	5914955577	10
Aroclor-1248-1	(1)	313001525	314287516	316712298	313219832	245110400	300466314	10
Aroclor-1248-2	(2)	194621063	204942157	200519274	206042640	206270120	202479051	2
Aroclor-1248-3	(3)	238833016	244338553	263622092	258775616	243161480	249746151	4
Aroclor-1248-4	(4)	233390044	236006324	231247510	230022068	233051700	232743529	1
Aroclor-1248-5	(5)	417516536	433645501	453462226	437040196	301192600	408571412	15
Decachlorobiphenyl		6280619880	6334319187	6392002300	6030990520	5377561400	6083098657	7
Tetrachloro-m-xylene		6342135760	6351132560	6173502940	5553544360	4399164000	5763895924	14
Aroclor-1254-1	(1)	503004292	535011767	531987056	521951800	402057780	498802539	11
Aroclor-1254-2	(2)	378219544	403583375	399300676	392234176	422583680	399184290	4
Aroclor-1254-3	(3)	715208754	722755991	718569236	662347256	504737840	664723815	14
Aroclor-1254-4	(4)	505627774	538597859	544931308	492275784	386803020	493647149	13
Aroclor-1254-5	(5)	551845651	631515513	645579268	578311224	446211920	570692715	14
Decachlorobiphenyl		6237706050	6279124973	6507474640	6157241280	5410407600	6118390909	7
Tetrachloro-m-xylene		6240840860	6469002347	6413333980	5502278160	4576318000	5840354669	14
Aroclor-1268-1	(1)	1460168699	1513699808	1559348234	1460709316	1219243940	1442633999	9

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

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

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3349

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 FROM	RT WINDOW TO	CALIBRATION FACTOR
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

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3349

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 FROM	RT WINDOW TO	CALIBRATION FACTOR
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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3349

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 FROM	RT WINDOW TO	DIFF RT
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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3349

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 FROM	TO	DIFF RT
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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3349

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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3349

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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3349

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 FROM	RT WINDOW TO	DIFF RT
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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3349

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 FROM	RT WINDOW TO	DIFF RT
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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3349

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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **SDG NO.:** Q3349

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 FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
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

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

Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q3349

Project: NYPA PURS Station **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 #
I.BLK	I.BLK	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
I.BLK	I.BLK	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
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
PURS Station	Q3349-02	10/16/2025	14:28	PP075828.D	10.43	4.65
AR1660CCC500	AR1660CCC500	10/16/2025	15:33	PP075829.D	10.43	4.65
I.BLK	I.BLK	10/16/2025	16:38	PP075833.D	10.43	4.65

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

Analytical Sequence

Client: Core Environmental Consultants and Servi **SDG No.:** Q3349

Project: NYPA PURS Station **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 #
I.BLK	I.BLK	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
I.BLK	I.BLK	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
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
PURS Station	Q3349-02	10/16/2025	14:28	PP075828.D	8.80	3.79
AR1660CCC500	AR1660CCC500	10/16/2025	15:33	PP075829.D	8.79	3.79
I.BLK	I.BLK	10/16/2025	16:38	PP075833.D	8.79	3.79

QC SAMPLE DATA

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA PURS Station	Date Received:	
Client Sample ID:	PB170119BL	SDG No.:	Q3349
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

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	09/23/25
Project:	NYPA PURS Station	Date Received:	09/23/25
Client Sample ID:	PIBLK-PP075246.D	SDG No.:	Q3349
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

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/16/25
Project:	NYPA PURS Station	Date Received:	10/16/25
Client Sample ID:	PIBLK-PP075818.D	SDG No.:	Q3349
Lab Sample ID:	I.BLK-PP075818.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	18.9			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

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/16/25
Project:	NYPA PURS Station	Date Received:	10/16/25
Client Sample ID:	PIBLK-PP075833.D	SDG No.:	Q3349
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
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

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

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	
Project:	NYPA PURS Station	Date Received:	
Client Sample ID:	PB170119BS	SDG No.:	Q3349
Lab Sample ID:	PB170119BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.03 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	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
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

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

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/14/25
Project:	NYPA PURS Station	Date Received:	10/14/25
Client Sample ID:	WCS-TP2MS	SDG No.:	Q3349
Lab Sample ID:	Q3348-05MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.7
Sample Wt/Vol:	30.04 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	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		

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

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

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/14/25
Project:	NYPA PURS Station	Date Received:	10/14/25
Client Sample ID:	WCS-TP2MSD	SDG No.:	Q3349
Lab Sample ID:	Q3348-05MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.7
Sample Wt/Vol:	30.05 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	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

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

LAB CHRONICLE

OrderID:	Q3349	**OrderDate:**	10/15/2025 9:30:00 AM
Client:	Core Environmental Consultants and Services, Inc.	**Project:**	NYPA PURS Station
Contact:	Roland Scardino	**Location:**	J31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3349-01	**PURS Station**	**TCLP**			**10/13/25**			**10/14/25**
			TCLP ICP Metals	6010D		10/16/25	10/16/25	
			TCLP Mercury	7470A		10/16/25	10/16/25	

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

Hit Summary Sheet
SW-846

SDG No.:	Q3349	**Order ID:**	Q3349
Client:	Core Environmental Consultants and Services, Inc.	**Project ID:**	NYPA PURS Station

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

SAMPLE DATA

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

Report of Analysis

Client:	Core Environmental Consultants and Services, Inc.	Date Collected:	10/13/25
Project:	NYPA PURS Station	Date Received:	10/14/25
Client Sample ID:	PURS Station	SDG No.:	Q3349
Lab Sample ID:	Q3349-01	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	51.2	U	1	51.2	200	ug/L	10/16/25 12:30	10/16/25 19:07	6010D	SW3010A
7440-39-3	Barium	146	U	1	146	1000	ug/L	10/16/25 12:30	10/16/25 19:07	6010D	SW3010A
7440-43-9	Cadmium	5.00	U	1	5.00	60.0	ug/L	10/16/25 12:30	10/16/25 19:07	6010D	SW3010A
7440-47-3	Chromium	21.2	U	1	21.2	100	ug/L	10/16/25 12:30	10/16/25 19:07	6010D	SW3010A
7439-92-1	Lead	23.0	U	1	23.0	120	ug/L	10/16/25 12:30	10/16/25 19:07	6010D	SW3010A
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	10/16/25 10:01	10/16/25 15:36	7470A	7470A
7782-49-2	Selenium	96.4	U	1	96.4	200	ug/L	10/16/25 12:30	10/16/25 19:07	6010D	SW3010A
7440-22-4	Silver	16.2	U	1	16.2	100	ug/L	10/16/25 12:30	10/16/25 19:07	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

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3349

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

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3349

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

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3349

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

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3349

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

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3349

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	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

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3349

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

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3349

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	3840	4000	96	90 - 110	P	10/17/2025	12:33	LB137588
	Barium	7840	8000	98	90 - 110	P	10/17/2025	12:33	LB137588
	Cadmium	1940	2000	97	90 - 110	P	10/17/2025	12:33	LB137588
	Chromium	793	800	99	90 - 110	P	10/17/2025	12:33	LB137588
	Lead	4090	4000	102	90 - 110	P	10/17/2025	12:33	LB137588
	Selenium	3810	4000	95	90 - 110	P	10/17/2025	12:33	LB137588
	Silver	972	1000	97	90 - 110	P	10/17/2025	12:33	LB137588

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3349

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	4820	5000	96	90 - 110	P	10/17/2025	13:23	LB137588
	Barium	9820	10000	98	90 - 110	P	10/17/2025	13:23	LB137588
	Cadmium	2440	2500	98	90 - 110	P	10/17/2025	13:23	LB137588
	Chromium	984	1000	98	90 - 110	P	10/17/2025	13:23	LB137588
	Lead	4820	5000	96	90 - 110	P	10/17/2025	13:23	LB137588
	Selenium	4770	5000	96	90 - 110	P	10/17/2025	13:23	LB137588
	Silver	1210	1250	97	90 - 110	P	10/17/2025	13:23	LB137588
CCV02	Arsenic	5200	5000	104	90 - 110	P	10/17/2025	14:21	LB137588
	Barium	10500	10000	105	90 - 110	P	10/17/2025	14:21	LB137588
	Cadmium	2540	2500	102	90 - 110	P	10/17/2025	14:21	LB137588
	Chromium	1020	1000	102	90 - 110	P	10/17/2025	14:21	LB137588
	Lead	5100	5000	102	90 - 110	P	10/17/2025	14:21	LB137588
	Selenium	5250	5000	105	90 - 110	P	10/17/2025	14:21	LB137588
	Silver	1280	1250	102	90 - 110	P	10/17/2025	14:21	LB137588

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3349

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	23.0	20.0	115	80 - 120	P	10/17/2025	14:26	LB137588
	Barium	97.7	100	98	80 - 120	P	10/17/2025	14:26	LB137588
	Cadmium	5.70	6.0	95	80 - 120	P	10/17/2025	14:26	LB137588
	Chromium	10.2	10.0	102	80 - 120	P	10/17/2025	14:26	LB137588
	Lead	13.2	12.0	110	80 - 120	P	10/17/2025	14:26	LB137588
	Selenium	23.5	20.0	117	80 - 120	P	10/17/2025	14:26	LB137588
	Silver	9.89	10.0	99	80 - 120	P	10/17/2025	14:26	LB137588

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3349

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
CCV03	Arsenic	5020	5000	100	90 - 110	P	10/17/2025	15:17	LB137588
	Barium	9950	10000	100	90 - 110	P	10/17/2025	15:17	LB137588
	Cadmium	2490	2500	99	90 - 110	P	10/17/2025	15:17	LB137588
	Chromium	989	1000	99	90 - 110	P	10/17/2025	15:17	LB137588
	Lead	4950	5000	99	90 - 110	P	10/17/2025	15:17	LB137588
	Selenium	5060	5000	101	90 - 110	P	10/17/2025	15:17	LB137588
	Silver	1220	1250	98	90 - 110	P	10/17/2025	15:17	LB137588
CCV04	Arsenic	5180	5000	104	90 - 110	P	10/17/2025	16:07	LB137588
	Barium	10200	10000	102	90 - 110	P	10/17/2025	16:07	LB137588
	Cadmium	2550	2500	102	90 - 110	P	10/17/2025	16:07	LB137588
	Chromium	1040	1000	104	90 - 110	P	10/17/2025	16:07	LB137588
	Lead	5080	5000	102	90 - 110	P	10/17/2025	16:07	LB137588
	Selenium	5200	5000	104	90 - 110	P	10/17/2025	16:07	LB137588
	Silver	1290	1250	103	90 - 110	P	10/17/2025	16:07	LB137588
CCV05	Arsenic	5170	5000	103	90 - 110	P	10/17/2025	16:59	LB137588
	Barium	10200	10000	102	90 - 110	P	10/17/2025	16:59	LB137588
	Cadmium	2540	2500	102	90 - 110	P	10/17/2025	16:59	LB137588
	Chromium	1020	1000	102	90 - 110	P	10/17/2025	16:59	LB137588
	Lead	5070	5000	102	90 - 110	P	10/17/2025	16:59	LB137588
	Selenium	5240	5000	105	90 - 110	P	10/17/2025	16:59	LB137588
	Silver	1290	1250	103	90 - 110	P	10/17/2025	16:59	LB137588
CCV06	Arsenic	5020	5000	100	90 - 110	P	10/17/2025	17:41	LB137588
	Barium	9740	10000	97	90 - 110	P	10/17/2025	17:41	LB137588
	Cadmium	2490	2500	100	90 - 110	P	10/17/2025	17:41	LB137588
	Chromium	1010	1000	101	90 - 110	P	10/17/2025	17:41	LB137588
	Lead	4940	5000	99	90 - 110	P	10/17/2025	17:41	LB137588
	Selenium	5030	5000	101	90 - 110	P	10/17/2025	17:41	LB137588
	Silver	1230	1250	99	90 - 110	P	10/17/2025	17:41	LB137588

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3349

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

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3349

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

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

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3349

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

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

Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3349

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	21.5	20.0	107	65 - 135	P	10/17/2025	12:54	LB137588
	Barium	96.5	100	96	65 - 135	P	10/17/2025	12:54	LB137588
	Cadmium	5.61	6.0	94	65 - 135	P	10/17/2025	12:54	LB137588
	Chromium	10.3	10.0	103	65 - 135	P	10/17/2025	12:54	LB137588
	Lead	11.2	12.0	94	65 - 135	P	10/17/2025	12:54	LB137588
	Selenium	19.9	20.0	100	65 - 135	P	10/17/2025	12:54	LB137588
	Silver	10.7	10.0	107	65 - 135	P	10/17/2025	12:54	LB137588
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,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3349

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

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3349

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

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3349

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

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3349

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

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3349

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

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3349

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	10/17/2025	12:49	LB137588
	Barium	14.6	+/-50	U	100	P	10/17/2025	12:49	LB137588
	Cadmium	0.50	+/-3	U	6.00	P	10/17/2025	12:49	LB137588
	Chromium	2.12	+/-5	U	10.0	P	10/17/2025	12:49	LB137588
	Lead	2.30	+/-6	U	12.0	P	10/17/2025	12:49	LB137588
	Selenium	9.64	+/-10	U	20.0	P	10/17/2025	12:49	LB137588
	Silver	1.62	+/-5	U	10.0	P	10/17/2025	12:49	LB137588

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3349

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	10/17/2025	13:28	LB137588
	Barium	14.6	+/-50	U	100	P	10/17/2025	13:28	LB137588
	Cadmium	0.50	+/-3	U	6.00	P	10/17/2025	13:28	LB137588
	Chromium	2.12	+/-5	U	10.0	P	10/17/2025	13:28	LB137588
	Lead	2.30	+/-6	U	12.0	P	10/17/2025	13:28	LB137588
	Selenium	9.64	+/-10	U	20.0	P	10/17/2025	13:28	LB137588
	Silver	1.62	+/-5	U	10.0	P	10/17/2025	13:28	LB137588
CCB02	Arsenic	5.12	+/-10	U	20.0	P	10/17/2025	14:30	LB137588
	Barium	14.6	+/-50	U	100	P	10/17/2025	14:30	LB137588
	Cadmium	0.50	+/-3	U	6.00	P	10/17/2025	14:30	LB137588
	Chromium	2.12	+/-5	U	10.0	P	10/17/2025	14:30	LB137588
	Lead	2.30	+/-6	U	12.0	P	10/17/2025	14:30	LB137588
	Selenium	9.64	+/-10	U	20.0	P	10/17/2025	14:30	LB137588
	Silver	1.62	+/-5	U	10.0	P	10/17/2025	14:30	LB137588
CCB03	Arsenic	5.12	+/-10	U	20.0	P	10/17/2025	15:21	LB137588
	Barium	14.6	+/-50	U	100	P	10/17/2025	15:21	LB137588
	Cadmium	0.50	+/-3	U	6.00	P	10/17/2025	15:21	LB137588
	Chromium	2.12	+/-5	U	10.0	P	10/17/2025	15:21	LB137588
	Lead	2.30	+/-6	U	12.0	P	10/17/2025	15:21	LB137588
	Selenium	9.64	+/-10	U	20.0	P	10/17/2025	15:21	LB137588
	Silver	1.62	+/-5	U	10.0	P	10/17/2025	15:21	LB137588
CCB04	Arsenic	5.12	+/-10	U	20.0	P	10/17/2025	16:11	LB137588
	Barium	14.6	+/-50	U	100	P	10/17/2025	16:11	LB137588
	Cadmium	0.50	+/-3	U	6.00	P	10/17/2025	16:11	LB137588
	Chromium	2.12	+/-5	U	10.0	P	10/17/2025	16:11	LB137588
	Lead	2.30	+/-6	U	12.0	P	10/17/2025	16:11	LB137588
	Selenium	9.64	+/-10	U	20.0	P	10/17/2025	16:11	LB137588
	Silver	1.62	+/-5	U	10.0	P	10/17/2025	16:11	LB137588
CCB05	Arsenic	5.12	+/-10	U	20.0	P	10/17/2025	17:03	LB137588
	Barium	14.6	+/-50	U	100	P	10/17/2025	17:03	LB137588
	Cadmium	0.50	+/-3	U	6.00	P	10/17/2025	17:03	LB137588
	Chromium	2.12	+/-5	U	10.0	P	10/17/2025	17:03	LB137588
	Lead	2.30	+/-6	U	12.0	P	10/17/2025	17:03	LB137588
	Selenium	9.64	+/-10	U	20.0	P	10/17/2025	17:03	LB137588
	Silver	1.62	+/-5	U	10.0	P	10/17/2025	17:03	LB137588
CCB06	Arsenic	5.12	+/-10	U	20.0	P	10/17/2025	17:45	LB137588
	Barium	14.6	+/-50	U	100	P	10/17/2025	17:45	LB137588
	Cadmium	0.50	+/-3	U	6.00	P	10/17/2025	17:45	LB137588
	Chromium	2.12	+/-5	U	10.0	P	10/17/2025	17:45	LB137588

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3349

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	10/17/2025	17:45	LB137588
	Selenium	9.64	+/-10	U	20.0	P	10/17/2025	17:45	LB137588
	Silver	1.62	+/-5	U	10.0	P	10/17/2025	17:45	LB137588

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3349

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

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

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3349

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

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

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q3349

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170116TB		**WATER**		**Batch Number:**	**PB170126**		**Prep Date:**	**10/16/2025**	
	Mercury	0.76	<2	U	2.00	CV	10/16/2025	16:27	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

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

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: Core Environmental Consultants and Services, **SDG No.:** Q3349

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170116TB		**WATER**		**Batch Number:**	**PB170132**		**Prep Date:**	**10/16/2025**	
	Arsenic	25.6	<50	U	100	P	10/20/2025	13:42	LB137590
	Barium	72.8	<250	U	500	P	10/20/2025	13:42	LB137590
	Cadmium	2.50	<15	U	30.0	P	10/20/2025	13:42	LB137590
	Chromium	15.9	<25	J	50.0	P	10/20/2025	13:42	LB137590
	Lead	11.5	<30	U	60.0	P	10/20/2025	13:42	LB137590
	Selenium	48.2	<50	U	100	P	10/20/2025	13:42	LB137590
	Silver	8.10	<25	U	50.0	P	10/20/2025	13:42	LB137590

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB170132BL		**WATER**		**Batch Number:**	**PB170132**		**Prep Date:**	**10/16/2025**	
	Arsenic	25.6	<50	U	100	P	10/16/2025	18:59	LB137573
	Barium	72.8	<250	U	500	P	10/16/2025	18:59	LB137573
	Cadmium	2.50	<15	U	30.0	P	10/16/2025	18:59	LB137573
	Chromium	10.6	<25	U	50.0	P	10/16/2025	18:59	LB137573
	Lead	11.5	<30	U	60.0	P	10/16/2025	18:59	LB137573
	Selenium	48.2	<50	U	100	P	10/16/2025	18:59	LB137573
	Silver	8.10	<25	U	50.0	P	10/16/2025	18:59	LB137573

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

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3349

Contract: CORE02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

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	9.58			-20	20	10/17/2025	13:01	LB137588
	Barium	1.95	6.0	32	-94	106	10/17/2025	13:01	LB137588
	Cadmium	1.92	1.0	192	-5	7	10/17/2025	13:01	LB137588
	Chromium	45.7	52.0	88	42	62	10/17/2025	13:01	LB137588
	Lead	2.85			-12	12	10/17/2025	13:01	LB137588
	Selenium	6.11			-20	20	10/17/2025	13:01	LB137588
	Silver	-7.31			-10	10	10/17/2025	13:01	LB137588
ICSAB01	Arsenic	108	104	104	88.4	120	10/17/2025	13:06	LB137588
	Barium	498	537	93	437	637	10/17/2025	13:06	LB137588
	Cadmium	989	972	102	826	1120	10/17/2025	13:06	LB137588
	Chromium	544	542	100	460	624	10/17/2025	13:06	LB137588
	Lead	52.4	49.0	107	37	61	10/17/2025	13:06	LB137588
	Selenium	52.8	46.0	115	26	66	10/17/2025	13:06	LB137588
	Silver	196	201	98	170	232	10/17/2025	13:06	LB137588
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

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

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: Core Environmental Consultants and Services, Inc. **SDG No.:** Q3349

Contract: CORE02 **Lab Code:** ACE

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Silver	205	201	102	170	232	10/20/2025	13:03	LB137590

METAL QC DATA

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

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q3349

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
Mercury	ug/L	75 - 125	36.4		2.00	U	40.0	91		CV

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

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q3349

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
Mercury	ug/L	75 - 125	33.2		2.00	U	40.0	83		CV

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

metals
- 5a -
MATRIX SPIKE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q3349

contract: CORE02 **lab code:** ACE

matrix: Water **sample id:** Q3357-04 **client id:** DRUM-4MS

Percent Solids for Sample: NA **Spiked ID:** Q3357-04MS **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	4010		100	U	4000	100		P
Barium	ug/L	75 - 125	1990		1010		1000	98		P
Cadmium	ug/L	75 - 125	991		30.0	U	1000	99		P
Chromium	ug/L	75 - 125	2350		263		2000	105		P
Lead	ug/L	75 - 125	4670		24.0	J	5000	93		P
Selenium	ug/L	75 - 125	9970		100	U	10000	100		P
Silver	ug/L	75 - 125	304		50.0	U	380	80		P

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

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: Core Environmental Consultants and Servic **level:** low **sdg no.:** Q3349

contract: CORE02 **lab code:** ACE

matrix: Water **sample id:** Q3357-04 **client id:** DRUM-4MSD

Percent Solids for Sample: NA **Spiked ID:** Q3357-04MSD **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	4210		100	U	4000	105		P
Barium	ug/L	75 - 125	2070		1010		1000	106		P
Cadmium	ug/L	75 - 125	1050		30.0	U	1000	105		P
Chromium	ug/L	75 - 125	2380		263		2000	106		P
Lead	ug/L	75 - 125	4930		24.0	J	5000	98		P
Selenium	ug/L	75 - 125	10500		100	U	10000	105		P
Silver	ug/L	75 - 125	314		50.0	U	380	83		P

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

Metals
- 5b -

Client: Core Environmental Consultants and Servic **SDG No.:** Q3349

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

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

Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q3349

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
Mercury	ug/L	20	2.00	U	2.00	U			CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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

Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q3349

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
Mercury	ug/L	20	36.4		33.2		9		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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

Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q3349

Contract: CORE02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3357-04 **Client ID:** DRUM-4DUP

Percent Solids for Sample: NA **Duplicate ID** Q3357-04DUP **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	1010		1100		9		P
Cadmium	ug/L	20	30.0	U	2.85	J	200.0		P
Chromium	ug/L	20	263		281		7		P
Lead	ug/L	20	24.0	J	30.8	J	25		P
Selenium	ug/L	20	100	U	100	U			P
Silver	ug/L	20	50.0	U	50.0	U			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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

Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **Level:** LOW **SDG No.:** Q3349

Contract: CORE02 **Lab Code:** ACE

Matrix: Water **Sample ID:** Q3357-04MS **Client ID:** DRUM-4MSD

Percent Solids for Sample: NA **Duplicate ID** Q3357-04MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Arsenic	ug/L	20	4010		4210		5		P
Barium	ug/L	20	1990		2070		4		P
Cadmium	ug/L	20	991		1050		6		P
Chromium	ug/L	20	2350		2380		1		P
Lead	ug/L	20	4670		4930		5		P
Selenium	ug/L	20	9970		10500		5		P
Silver	ug/L	20	304		314		3		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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

Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic

SDG No.: Q3349

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

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

Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q3349

Contract: CORE02 **Lab Code:** ACE

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB170132BS							
Arsenic	ug/L	4000	3580		90	80 - 120	P
Barium	ug/L	1000	837		84	80 - 120	P
Cadmium	ug/L	1000	835		84	80 - 120	P
Chromium	ug/L	2000	1810		90	80 - 120	P
Lead	ug/L	5000	4240		85	80 - 120	P
Selenium	ug/L	10000	9160		92	80 - 120	P
Silver	ug/L	380	347		91	80 - 120	P

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

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

WCS-TP2L

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **Lb No.:** lb137565 **Lab Sample ID :** Q3348-08L **SDG No.:** Q3349

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	2.00	U	10.0	U			CV

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

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

DRUM-4L

Lab Name: Alliance **Contract:** CORE02

Lab Code: ACE **Lb No.:** lb137588 **Lab Sample ID :** Q3357-04L **SDG No.:** Q3349

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Arsenic	100	U	500	U			P
Barium	1010		1100	J	9		P
Cadmium	30.0	U	150	U			P
Chromium	263		261		1		P
Lead	24.0	J	300	U	100.0		P
Selenium	100	U	500	U			P
Silver	50.0	U	250	U			P

METAL PREPARATION & INSTRUMENT DATA

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q3349

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

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q3349

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

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q3349

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

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q3349

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

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

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: Core Environmental Consultants and Servic

SDG No.: Q3349

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

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

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q3349

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**						
PB170116TB	PB170116TB	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	
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	
Q3349-01	PURS Station	SAM	WATER	10/16/2025	3.0	30.0	

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

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: Core Environmental Consultants and Servic **SDG No.:** Q3349

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:	**PB170132**						
PB170116TB	PB170116TB	MB	WATER	10/16/2025	5.0	25.0	
PB170132BL	PB170132BL	MB	WATER	10/16/2025	5.0	25.0	
PB170132BS	PB170132BS	LCS	WATER	10/16/2025	5.0	25.0	
Q3349-01	PURS Station	SAM	WATER	10/16/2025	5.0	50.0	
Q3357-04DUP	DRUM-4DUP	DUP	WATER	10/16/2025	5.0	25.0	
Q3357-04MS	DRUM-4MS	MS	WATER	10/16/2025	5.0	25.0	
Q3357-04MSD	DRUM-4MSD	MSD	WATER	10/16/2025	5.0	25.0	

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

metals
- 14 -
ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic **Contract:** CORE02

Lab code: ACE **Sdg no.:** Q3349

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
Q3348-08DUP	WCS-TP2DUP	1	1529	HG
Q3348-08MS	WCS-TP2MS	1	1532	HG
Q3348-08MSD	WCS-TP2MSD	1	1534	HG
Q3349-01	PURS Station	1	1536	HG
CCV42	CCV42	1	1544	HG
CCB42	CCB42	1	1546	HG
CCV43	CCV43	1	1617	HG
CCB43	CCB43	1	1619	HG
PB170116TB	PB170116TB	1	1627	HG
Q3348-08L	WCS-TP2L	5	1629	HG
CCV44	CCV44	1	1638	HG
CCB44	CCB44	1	1640	HG

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

metals
- 14 -
ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic **Contract:** CORE02

Lab code: ACE **Sdg no.:** Q3349

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
CCV04	CCV04	1	1538	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1543	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
PB170132BL	PB170132BL	1	1859	Ag,As,Ba,Cd,Cr,Pb,Se
PB170132BS	PB170132BS	1	1903	Ag,As,Ba,Cd,Cr,Pb,Se
Q3349-01	PURS Station	1	1907	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

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

metals
- 14 -
ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic **Contract:** CORE02

Lab code: ACE **Sdg no.:** Q3349

Instrument id number: **Method:** **Run number:** LB137588

Start date: 10/17/2025 **End date:** 10/17/2025

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	1212	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	1229	Ag,As,Ba,Cd,Cr,Pb,Se
ICV01	ICV01	1	1233	Ag,As,Ba,Cd,Cr,Pb,Se
ICB01	ICB01	1	1249	Ag,As,Ba,Cd,Cr,Pb,Se
CRI01	CRI01	1	1254	Ag,As,Ba,Cd,Cr,Pb,Se
ICSA01	ICSA01	1	1301	Ag,As,Ba,Cd,Cr,Pb,Se
ICSAB01	ICSAB01	1	1306	Ag,As,Ba,Cd,Cr,Pb,Se
CCV01	CCV01	1	1323	Ag,As,Ba,Cd,Cr,Pb,Se
CCB01	CCB01	1	1328	Ag,As,Ba,Cd,Cr,Pb,Se
CCV02	CCV02	1	1421	Ag,As,Ba,Cd,Cr,Pb,Se
LLICV01	LLICV01	1	1426	Ag,As,Ba,Cd,Cr,Pb,Se
CCB02	CCB02	1	1430	Ag,As,Ba,Cd,Cr,Pb,Se
CCV03	CCV03	1	1517	Ag,As,Ba,Cd,Cr,Pb,Se
CCB03	CCB03	1	1521	Ag,As,Ba,Cd,Cr,Pb,Se
Q3357-04DUP	DRUM-4DUP	1	1529	Ag,As,Ba,Cd,Cr,Pb,Se
Q3357-04L	DRUM-4L	5	1534	Ag,As,Ba,Cd,Cr,Pb,Se
Q3357-04MS	DRUM-4MS	1	1538	Ag,As,Ba,Cd,Cr,Pb,Se
Q3357-04MSD	DRUM-4MSD	1	1542	Ag,As,Ba,Cd,Cr,Pb,Se
CCV04	CCV04	1	1607	Ag,As,Ba,Cd,Cr,Pb,Se
CCB04	CCB04	1	1611	Ag,As,Ba,Cd,Cr,Pb,Se
CCV05	CCV05	1	1659	Ag,As,Ba,Cd,Cr,Pb,Se
CCB05	CCB05	1	1703	Ag,As,Ba,Cd,Cr,Pb,Se
CCV06	CCV06	1	1741	Ag,As,Ba,Cd,Cr,Pb,Se
CCB06	CCB06	1	1745	Ag,As,Ba,Cd,Cr,Pb,Se

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

metals
- 14 -
ANALYSIS RUN LOG

Client: Core Environmental Consultants and Servic **Contract:** CORE02

Lab code: ACE **Sdg no.:** Q3349

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
PB170116TB	PB170116TB	1	1342	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

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

CHAIN OF CUSTODY RECORD

Alliance Project Number: Q3349
COC Number: Q3350

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 - PURS Station
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: Joseph zaheer PHONE: 718-786-4730

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

* less than

1	2	3	4	5	6	7	8	9
TCLP VOCs	TCLP SVOCs	TCLP RCRA 8 Metals	Total Halogens	PCBs				

PCBs reported to a limit of quantification of 2.00 mg/L

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# of Bottles	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	PURS Station	Water		X	10/13/25	1025	4	x	x	x	x	x					None
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY
1.	10-13-25 @ 1400	1. 1400 10-14-25
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.
RELINQUISHED BY 3.	DATE/TIME 1710 10-14-25	RECEIVED FOR LAB BY 3.

Conditions of bottles or coolers at receipt: ☐ Compliant ☐ Non Compliant ☐ Cooler Temp 3.2C
MeOH extraction requires an additional 4oz. Jar for percent solid ☐ Ice in Cooler?:
Comments:

Page of

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

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPYFOR 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