

# **DATA PACKAGE**

VOLATILE ORGANICS GENERAL CHEMISTRY METALS GC SEMI-VOLATILES SEMI-VOLATILE ORGANICS

## **PROJECT NAME : WEST LAKE**

ENTACT

606 E. Baltimore Pike

Floor 3

Media, PA - 19063

Phone No: 4844440702

ORDER ID: P4995

**ATTENTION : Bryan Reyes** 



Laboratory Certification ID # 20012







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## **Cover Page**

- Order ID : P4995
- Project ID : West Lake

Client : ENTACT

#### Lab Sample Number

**Client Sample Number** 

P4995-01 P4995-02 001 001

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: 12/9/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

## DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Labora	tory Name : Alliance Technical Group LLC Client : ENTACT					
Projec	t Location : Piscataway Project Number : E9074					
Labora	atory Sample ID(s) : <u>P4995</u> Sampling Date(s) : <u>11/25/2024</u>					
List Dł	XQP Methods Used (e.g., 8260,8270, et Cetra) ,1010B,1311,1311,ZHE,6010D,7196A,7470, 0E,9012B,9034,9040C	A,808	1B,80	82A,8	151A	,8260D,827
1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	V	Yes		No	
1A	Were the method specified handling, preservation, and holding time requirements met?		Yes	$\checkmark$	No	
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)		Yes		No	☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	$\mathbf{V}$	Yes		No	
3	Were samples received at an appropriate temperature (4±2° C)?	V	Yes		No	□ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?		Yes	$\checkmark$	No	
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	V	Yes		No	
	b)Were these reporting limits met?	$\mathbf{N}$	Yes		No	□ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	V	Yes		No	
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?		Yes	$\checkmark$	No	

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Data of Known Quality."



## CASE NARRATIVE

ENTACT Project Name: West Lake Project # N/A Chemtech Project # P4995 Test Name: VOC-TCLVOA-10

## A. Number of Samples and Date of Receipt:

2 Water samples were received on 11/25/2024.

#### **B.** Parameters

According to the Chain of Custody document, the following analyses were requested: Flash Point, Hexavalent Chromium, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP FULL, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

## **C. Analytical Techniques:**

The analysis performed on instrument MSVOA\_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOC-TCLVOA-10 was based on method 8260D.

## **D. QA/ QC Samples:**

The Holding Times were met for all analysis. The Surrogate recoveries met the acceptable criteria. The Internal Standards Areas met the acceptable requirements. The Retention Times were acceptable for all samples. The RPD met criteria . The Blank Spike met requirements for all samples . The Blank Spike Duplicate met requirements for all samples . The Blank analysis did not indicate the presence of lab contamination. The %RSD is greater than 20% in the Initial Calibration method (82X1121W.M) for Bromoform this compound is passing on Quadratic Regression. The Continuous Calibration met the requirements . The Tuning criteria met requirements.

## **E. Additional Comments:**

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.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial



Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

## **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.



## **CASE NARRATIVE**

ENTACT Project Name: West Lake Project # N/A Chemtech Project # P4995 Test Name: TCLP VOA

## A. Number of Samples and Date of Receipt:

2 Water samples were received on 11/25/2024.

#### **B.** Parameters

According to the Chain of Custody document, the following analyses were requested: Flash Point, Hexavalent Chromium, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP FULL, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and VOC-TCLVOA-10. This data package contains results for TCLP VOA.

## **C. Analytical Techniques:**

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

## **D. QA/ QC Samples:**

The Holding Times were met for all analysis. The Surrogate recoveries met the acceptable criteria. The Internal Standards Areas met the acceptable requirements. The Retention Times were acceptable for all samples. The RPD met criteria . The Blank Spike met requirements for all samples . The Blank Spike Duplicate met requirements for all samples . 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.

## **E. Additional Comments:**

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.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial

Calibration curve and use %D calculated based on Amount added and Calculated amount



for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

## **F. Manual Integration Comments:**

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

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Signature\_\_\_\_\_

2.2



2.3

## **CASE NARRATIVE**

ENTACT Project Name: West Lake Project # N/A Chemtech Project # P4995 Test Name: TCLP BNA

## A. Number of Samples and Date of Receipt:

2 Water samples were received on 11/25/2024.

#### **B.** Parameters

According to the Chain of Custody document, the following analyses were requested: Flash Point, Hexavalent Chromium, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP FULL, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and VOC-TCLVOA-10. This data package contains results for TCLP BNA.

## **C. Analytical Techniques:**

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 dfThe analysis of TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

## D. QA/ QC Samples:

The Holding Times were met for all analysis. The Surrogate recoveries met the acceptable criteria. The Internal Standards Areas met the acceptable requirements. The Retention Times were acceptable for all samples. The MS recoveries met the requirements for all compounds . The MSD recoveries met the acceptable requirements . The RPD met criteria . The Blank Spike for met requirements. 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.

## **E. Additional Comments:**

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount



for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

## **F. Manual Integration Comments:**

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

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Signature\_\_\_\_\_

2.3



## **CASE NARRATIVE**

ENTACT Project Name: West Lake Project # N/A Chemtech Project # P4995 Test Name: TCLP Pesticide

## A. Number of Samples and Date of Receipt:

2 Water samples were received on 11/25/2024.

#### **B.** Parameters

According to the Chain of Custody document, the following analyses were requested: Flash Point, Hexavalent Chromium, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP FULL, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and VOC-TCLVOA-10. This data package contains results for TCLP Pesticide.

## **C. Analytical Techniques:**

The analyses were performed on instrument GCECD\_D. The front column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HM-G017-11. The rear column is ZBMR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalog # 7HM-G016-17. The analysis of TCLP Pesticides was based on method 8081B and extraction was done based on method 3510 and TCLP extraction method was 1311.

## **D. QA/ QC Samples:**

The Holding Times were met for all analysis. The Surrogate recoveries met the acceptable criteria. The Retention Times were acceptable for all samples. The MS recoveries met the requirements. The MSD recoveries met the acceptable requirements. The RPD met criteria . The Blank Spike met requirements for all samples . The Blank analysis did not indicate the presence of lab contamination. The Initial Calibration met the requirements . The Continuous Calibration met the requirements .

## **E. Additional Comments:**

## **F. Manual Integration Comments:**

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



2.4

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## **CASE NARRATIVE**

ENTACT Project Name: West Lake Project # N/A Chemtech Project # P4995 Test Name: PCB

## A. Number of Samples and Date of Receipt:

2 Water samples were received on 11/25/2024.

#### **B.** Parameters

According to the Chain of Custody document, the following analyses were requested: Flash Point, Hexavalent Chromium, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP FULL, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and VOC-TCLVOA-10. This data package contains results for PCB.

## **C. Analytical Techniques:**

The analyses were performed on instrument GCECD\_O. 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  $\mu$ m; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3510.

## **D. QA/ QC Samples:**

The Holding Times were met for all analysis. The Surrogate recoveries met the acceptable criteria. The Retention Times were acceptable for all samples. The RPD met criteria . The Blank Spike met requirements for all samples . The Blank Spike Duplicate met requirements for all samples . The Blank analysis did not indicate the presence of lab contamination. The Initial Calibration met the requirements . The Continuous Calibration met the requirements .

## **E. Additional Comments:**

## **F. Manual Integration Comments:**

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



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## **CASE NARRATIVE**

ENTACT Project Name: West Lake Project # N/A Chemtech Project # P4995 Test Name: TCLP Herbicide

## A. Number of Samples and Date of Receipt:

2 Water samples were received on 11/25/2024.

#### **B.** Parameters

According to the Chain of Custody document, the following analyses were requested: Flash Point, Hexavalent Chromium, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP FULL, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and VOC-TCLVOA-10. This data package contains results for TCLP Herbicide.

## **C. Analytical Techniques:**

The analysis was performed on instrument ECD\_S. The front column is RTX-CLPesticides which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 11324The analysis of TCLP Herbicides was based on method 8151A and extraction was done based on method 3510 and TCLP extraction method was 1311.

## **D. QA/ QC Samples:**

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for CORB8MS [2,4-DCAA(1) - 36%, 2,4-DCAA(2) - 36%], CORB8MSD [2,4-DCAA(1) - 37%, 2 and4-DCAA(2) - 36%]. These compounds did not meet the NJDKQP criteria and in-house criteria, these MS MSD confirmed with it original sample.

The Retention Times were acceptable for all samples.

The MS {P4961-01MS} with File ID: PS028650.D recoveries met the requirements for all compounds except for 2,4,5-TP(Silvex)[155%]. This compound did not meet the NJDKQP criteria and in-house criteria due to matrix interference.

The MSD {P4961-01MSD} with File ID: PS028651.D recoveries met the acceptable requirements except for 2,4,5-TP(Silvex)[156%].

This compound did not meet the NJDKQP criteria and in-house criteria due to matrix interference.

The RPD met criteria.

The Blank Spike met requirements for all samples .



The Blank analysis did not indicate the presence of lab contamination. The Initial Calibration met the requirements . The Continuous Calibration met the requirements .

## **E. Additional Comments:**

#### **F. Manual Integration Comments:**

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

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

## CASE NARRATIVE

27

ENTACT Project Name: West Lake Project # N/A Chemtech Project # P4995 Test Name: TCLP Mercury,TCLP ICP Metals

## A. Number of Samples and Date of Receipt:

2 Water samples were received on 11/25/2024.

#### **B.** Parameters:

According to the Chain of Custody document, the following analyses were requested: Flash Point, Hexavalent Chromium, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP FULL, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and VOC-TCLVOA-10. This data package contains results for TCLP Mercury, TCLP ICP Metals.

## **C. Analytical Techniques:**

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 Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

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

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

## **E. Additional Comments:**

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## CASE NARRATIVE

2.8

ENTACT Project Name: West Lake Project # N/A Chemtech Project # P4995 Test Name: Hexavalent Chromium,pH,Flash Point,Reactive Cyanide,Reactive Sulfide

## A. Number of Samples and Date of Receipt:

2 Water samples were received on 11/25/2024.

## **B.** Parameters:

According to the Chain of Custody document, the following analyses were requested: Flash Point, Hexavalent Chromium, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP FULL, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction and VOC-TCLVOA-10. This data package contains results for Hexavalent Chromium,pH,Flash Point,Reactive Cyanide,Reactive Sulfide.

## C. Analytical Techniques:

The analysis of Flash Point was based on method 1010B, The analysis of Hexavalent Chromium was based on method 7196A, The analysis of Reactive Cyanide was based on method 9012B, The analysis of Reactive Sulfide was based on method 9034 and The analysis of pH was based on method 9040C.

## **D. QA/ QC Samples:**

The Holding Times were met for all samples except for 001 of pH as sample receive out of holding time.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

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

The Calibration met the requirements.

## **E. Additional Comments:**

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.



## 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					
Ε	Indicates the reported value is estimated because of the presence of interference					
Μ	Indicates Duplicate injection precision not met.					
Ν	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 OR	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 analyzedIndicates 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					
Н	Sample Analysis Out Of Hold Time					



## DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	<ul> <li>Indicates an estimated value. This flag is used:</li> <li>(1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.)</li> <li>(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.</li> </ul>
В	Indicates the analyte was found in the blank as well as the sample report as "12 B".
Ε	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.
Р	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".
Ν	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.
Α	This flag indicates that a Tentatively Identified Compound is a suspected aldol- condensation product.
Q	Indicates the LCS did not meet the control limits requirements



#### APPENDIX A

#### **QA REVIEW GENERAL DOCUMENTATION**

Project #: P4995

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)	<u> </u>
Check chain-of-custody for proper relinquish/return of samples	<u>✓</u>
Is the chain of custody signed and complete	✓ ✓ ✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	<u>✓</u>
Collect information for each project id from server. Were all requirements followed	<u>✓</u>
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	<u>✓</u>
Do lab numbers and client Ids on cover page agree with the Chain of Custody	<u>✓</u>
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	<u>✓</u>
Do requested analyses on Chain of Custody agree with the log-in page	<u>✓</u>
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	
Were the samples received within hold time	<u>✓</u>
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	<u> </u>
ANALYTICAL:	
Was method requirement followed?	<u>✓</u>
Was client requirement followed?	<u>✓</u>
Does the case narrative summarize all QC failure?	$\frac{\checkmark}{\checkmark}$
All runlogs and manual integration are reviewed for requirements	<u> </u>
All manual calculations and /or hand notations verified	<u> </u>

QA Review Signature: SOHIL JODHANI



#### Hit Summary Sheet SW-846

				5 W-840					В
SDG No.:	P4995								Ь
Client:	ENTACT								С
								_	D
Sample ID	Client ID	Matrix	Parameter	Concentration	С	MDL	RDL	Units	
Client ID:	001								
P4995-01	001	Water	Acetone	2.60	J	1.40	25.0	ug/L	
P4995-01	001	Water	Methyl Acetate	1.70	J	0.60	5.00	ug/L	
			Total Voc :	4.30					
			Total Concentration	<b>n:</b> 4.30					

5





5

A B C D



## 5

С

Report of Analysis						
Client:	ENTACT	Date Collected:	11/25/24			
Project:	West Lake	Date Received:	11/25/24			
Client Sample ID:	001	SDG No.:	P4995			
Lab Sample ID:	P4995-01	Matrix:	Water			
Analytical Method:	SW8260	% Solid:	0			
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL			
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10			
GC Column:	DB-624UI ID: 0.18	Level :	LOW			

Prep Method :

File ID/Qc Batch:	Dilution:	Prep Date		Date Analyzed	Prep Batch ID	
VX044001.D	1			11/25/24 20:49	VX112524	
CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	2.60	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	5.00	ug/L
79-20-9	Methyl Acetate	1.70	J	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.32	U	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	1.60	U	1.60	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	0.19	U	0.19	5.00	ug/L
71-43-2	Benzene	0.16	U	0.16	5.00	ug/L
107-06-2	1.2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	Ŭ	0.75	25.0	ug/L
108-88-3	Toluene	0.18	U	0.18	5.00	ug/L



ENTACT

Client:

Date Collected:

11/25/24

## 5

С

D

Project:	West Lake	Date Received:	11/25/24
Client Sample ID:	001	SDG No.:	P4995
Lab Sample ID:	P4995-01	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	DB-624UI ID: 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID	
VX044001.D	1		11/25/24 20:49	VX112524	

**Report of Analysis** 

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	0.16	U	0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	0.31	U	0.31	10.0	ug/L
95-47-6	o-Xylene	0.14	U	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	0.13	U	0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.0		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	46.1		70 (75) - 130 (124)	92%	SPK: 50
2037-26-5	Toluene-d8	50.5		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STA						
363-72-4	Pentafluorobenzene	113000	5.55			
540-36-3	1,4-Difluorobenzene	221000	6.757			
3114-55-4	Chlorobenzene-d5	198000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	84000	12.024			



AS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
VX044001.D	1			11/25/24 20:49	VX112524	
File ID/Qc Batch:	Dilution:	Prep Date		Date Analyzed	Prep Batch ID	
Prep Method :						
GC Column:	DB-624UI	ID: 0.18		Level :	LOW	
Soil Aliquot Vol:		uL		Test:	VOC-TCLVOA-	-10
Sample Wt/Vol:	5 Units	: mL		Final Vol:	5000	uL
Analytical Method:	SW8260			% Solid:	0	
Lab Sample ID:	P4995-01			Matrix:	Water	
Client Sample ID:	001			SDG No.:	P4995	
Project:	West Lake			Date Received:	11/25/24	
Client:	ENTACT			Date Collected:	11/25/24	

**Report of Analysis** 

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

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B C

D

## LAB CHRONICLE

OrderID: Client: Contact:	P4995 ENTACT Bryan Reyes			OrderDate: Project: Location:	11/25/2024 11:t West Lake L61,VOA Ref. #			
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4995-01	. 001	Water			11/25/24			11/25/24
			VOC-TCLVOA-10	8260D			11/25/24	



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	Hit Summary Sheet SW-846								
SDG No.:	P4995					В			
Client:	ENTACT					С			
						D			
Sample ID	Client ID	Matrix	Parameter	Concentration C MDL	RDL Units				
Client ID:				0					

Total Voc :

**Total Concentration:** 





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A B C D



## **Report of Analysis**

Client:	ENTACT	Date Collected:	11/25/24
Project:	West Lake	Date Received:	11/25/24
Client Sample ID:	001	SDG No.:	P4995
Lab Sample ID:	P4995-02	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	DB-624UI ID: 0.18	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date		Date Analyzed	Prep Batch ID	
VX044064.D	1			12/02/24 14:30	VX120224	
CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
78-93-3	2-Butanone	1.30	U	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-43-2	Benzene	0.16	U	0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.8		70 (74) - 130 (125)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	46.9		70 (75) - 130 (124)	94%	SPK: 50
2037-26-5	Toluene-d8	49.8		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.1		70 (77) - 130 (121)	96%	SPK: 50
INTERNAL STAN	DARDS					
363-72-4	Pentafluorobenzene	128000	5.544			
540-36-3	1,4-Difluorobenzene	250000	6.757			
3114-55-4	Chlorobenzene-d5	213000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	89500	12.018			

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- J = Estimated Value
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N = Presumptive Evidence of a Compound

- \* = Values outside of QC limits
- D = Dilution
- () = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

B



# A B C

D

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## LAB CHRONICLE

OrderID: Client: Contact:	P4995 ENTACT Bryan Reyes			OrderDate: Project: Location:	11/25/2024 11:5 West Lake L61,VOA Ref. #			
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4995-01	001	Water	VOC-TCLVOA-10	8260D	11/25/24		11/25/24	11/25/24
P4995-02	001	TCLP	TCLP VOA	8260D	11/25/24		12/02/24	11/25/24



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

В	

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			Hit Summary Sheet SW-846					
SDG No.:	P4995							l
Client: Sample ID	ENTACT Client ID	Matrix	Parameter	Concentration	C MDL	RDL		
Client ID :				0.00	-		e mus	
			Total Svoc : Total Concentration:		0.00 0.00			





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A B C D



Client: Project:

Client Sample ID: Lab Sample ID: Analytical Method: Sample Wt/Vol: Soil Aliquot Vol: Extraction Type : Injection Volume : Prep Method :

File ID/Qc Batch: BF140672.D

**CAS Number** 

TARGETS

110-86-1 106-46-7

95-48-7

67-72-1

98-95-3

87-68-3

88-06-2

95-95-4

121-14-2

118-74-1

87-86-5

SURROGATES 367-12-4

13127-88-3

4165-60-0 321-60-8

118-79-6

1718-51-0

65794-96-9

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			Repor	rt of An	alysis			
	ENTACT					Date Collected:	11/25/24	
	West Lake					Date Received:	11/25/24	
D:	001					SDG No.:	P4995	
	P4995-02					Matrix:	TCLP	
od:	SW8270					% Solid:	0	
	100	Units:	mL			Final Vol:	1000	uL
:			uL			Test:	TCLP BN	IA
:			Deca	nted :	N	Level :	LOW	
e :			GPC Factor :	1.0		GPC Cleanup :	Ν	PH :
	SW3541			-		·····F		
			D D			4 1 1		
	Dilution:		Prep Date			Analyzed	Prep Batch I	U
	1		11/26/24 1	0:45	11/27	7/24 16:14	PB165269	
Parame	eter		Conc.	Qualifi	er MDL		LOQ / CRQL	Units
Pyridin	ie		15.5	U	15.5		50.0	ug/L
	chlorobenzene		8.40	U	8.40		50.0	ug/L
2-Meth	nylphenol		11.3	U	11.3		50.0	ug/L
3+4-M	ethylphenols		11.5	U	11.5		100	ug/L
Hexach	nloroethane		10.1	U	10.1		50.0	ug/L
Nitrobe	enzene		12.7	U	12.7		50.0	ug/L
Hexach	nlorobutadiene		12.7	U	12.7		50.0	ug/L
	richlorophenol		8.90	U	8.90		50.0	ug/L
	richlorophenol		10.1	U	10.1		50.0	ug/L
	nitrotoluene		15.2	U	15.2		50.0	ug/L
	nlorobenzene		11.4	U	11.4		50.0	ug/L
	hlorophenol		18.5	U	18.5		100	ug/L
	rophenol		123			110 (139)	82%	SPK: 15
Phenol			111			110 (134)	74%	SPK: 15
	enzene-d5		92.8			130 (133)	93%	SPK: 10
2-Fluor	robiphenyl		98.5			130 (132)	99%	SPK: 10
2,4,6-T	ribromopheno	1	156		15 (44) -	110 (137)	104%	SPK: 150
Terpher	nyl-d14		102		30 (48) -	130 (125)	102%	SPK: 10
DARDS								
	chlorobenzene-	-d4	81200	6.869				
	nalene-d8		307000	8.151				

INTERNAL STANDARDS								
3855-82-1	1,4-Dichlorobenzene-d4	81200	6.869					
1146-65-2	Naphthalene-d8	307000	8.151					
15067-26-2	Acenaphthene-d10	167000	9.904					
1517-22-2	Phenanthrene-d10	343000	11.392					
1719-03-5	Chrysene-d12	198000	14.045					
1520-96-3	Perylene-d12	96500	15.545					



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		Repor	rt of Analy	zsis		
Client:	ENTACT			Date Collected:	11/25/24	
Project:	West Lake			Date Received:	11/25/24	
Client Sample ID:	001			SDG No.:	P4995	
Lab Sample ID:	P4995-02			Matrix:	TCLP	
Analytical Method:	SW8270			% Solid:	0	
Sample Wt/Vol:	100 Un	ts: mL		Final Vol:	1000	uL
Soil Aliquot Vol:		uL		Test:	TCLP BNA	
Extraction Type :		Decar	nted : N	Level :	LOW	
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N PH :	
Prep Method :	SW3541					
File ID/Qc Batch:	Dilution:	Prep Date		Date Analyzed	Prep Batch ID	
BF140672.D	1	11/26/24 1	0:45	11/27/24 16:14	PB165269	
CAS Number Parai	meter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

- 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
- P4995

- 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



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FARGETS         Interface         15.5         U         15.5         50.0         ug/L           106-46-7         1,4-Dichlorobenzene         8.40         U         8.40         50.0         ug/L           95-48-7         2-Methylphenol         11.3         U         11.3         50.0         ug/L           65794-96-9         3+4-Methylphenols         11.5         U         11.5         100         ug/L           98-95-3         Nitrobenzene         12.7         U         12.7         50.0         ug/L           98-96-2         2.4,6-Trichlorophenol         8.90         U         8.90         u.2.7         50.0         ug/L           98-95-3         Nitrobenzene         12.7         U         12.7         50.0         ug/L           98-06-2         2.4,6-Trichlorophenol         8.90         U         8.90         ug/L         12.7           121-14-2         2.4-Dinitrotoluene         15.2         U         15.2         50.0         ug/L           118-74-1         Hexachlorophenol         18.5         U         18.5         100         ug/L           13127-88-3         Phenol-d6         128         15 (10) - 110 (139)         88%         SPK: 150			Repor	t of Anal	ysis			
Circle       SDG No:       P4995         Lab Sample ID:       PB165252TB       Matrix:       TCLP         Analytical Method:       SW2270       % Solid:       0         Sample W/V60:       100       Units:       mI.       Final V61:       1000       ul.         Soli Aligout V61:       00       Units:       mI.       Final V61:       1000       ul.         Extraction Type:       ul.       Decanted :       N       PErts:       CCLP BNA         Injection Volume:       SW3541       GPC Factor:       1.0       GPC Cleanap:       N       PIT         Prep Method:       SW3541       T1/2724 11:48       PB165269       T       T       Inits       Prep Batch ID       Prep	Client:	ENTACT				Date Collected:	11/26/24	
Lab Sample ID:       PB1652521B       Matrix:       TCLP         Analytical Method:       SW8270       % Solid:       0         Sample Wt/Vol:       100       Units:       mL       Final Vol:       1000       uL         SoliAliguot Vol:       ul       Test:       TCLP BNA         Extraction Type :       Decanted :       N       Level :       I.OW         Injection Volume :       SW3541       GPC Factor:       1.0       GPC Cleanup:       N       PII:         File ID/Qc Batch:       Diluion:       Prep Date       Date Analyzed       Prep Batch ID:       BI640662.D       1       11/26/24 10-45       11/27/24 11-48       PB165269         CAS Mander       Parameter       Conc.       Qualifier       MDL       LOQ / CRQL       Vints         CAS Conce       94.40       5.0.0       ug/L       10.64-67       1,4-Dichlorobenzene       8.40       U       8.40       So.0.0       ug/L         677-9       3-4-Methylphenol       11.3       U       11.5       100       ug/L         677-2-1       Hexachlorobutatiene       10.1       U       10.1       50.0       ug/L         677-2-2       Hexachlorobutatiene       12.7       U	Project:	West Lake				Date Received:	11/26/24	
Lab Sample ID:       PB1652521B       Matrix:       TCLP         Analytical Method:       SW8270       % Solid:       0         Sample Wt/Vol:       100       Units:       mL       Final Vol:       1000       uL         SoliAliguot Vol:       ul       Test:       TCLP BNA         Extraction Type :       Decanted :       N       Level :       I.OW         Injection Volume :       SW3541       GPC Factor:       1.0       GPC Cleanup:       N       PII:         File ID/Qc Batch:       Diluion:       Prep Date       Date Analyzed       Prep Batch ID:       BI640662.D       1       11/26/24 10-45       11/27/24 11-48       PB165269         CAS Mander       Parameter       Conc.       Qualifier       MDL       LOQ / CRQL       Vints         CAS Conce       94.40       5.0.0       ug/L       10.64-67       1,4-Dichlorobenzene       8.40       U       8.40       So.0.0       ug/L         677-9       3-4-Methylphenol       11.3       U       11.5       100       ug/L         677-2-1       Hexachlorobutatiene       10.1       U       10.1       50.0       ug/L         677-2-2       Hexachlorobutatiene       12.7       U	Client Sample ID	): PB165252TB				SDG No.:	P4995	
Analytical Method:       SW8270       % Solid:       0         Sample Wt/Vol:       100       Units:       mL       Final Vol:       1000       uL         Soil Aliquot Vol:       uL       Test:       TCLP BNA         Extraction Type:       GPC Factor:       1.0       GPC Cleanup:       N       PII         Injection Volume:       SW3541       GPC Cleanup:       N       PII:       Prep Batch ID         File ID/Qc Batch:       Dituion:       Prep Date       Date Analyzed       Prep Batch ID       PII         BF140662.D       1       11/26/24 10:45       11/27/24 11:48       PB165269       Vints         CAS Number       Parameter       Conc.       Qualifer       MDL       LQQ / CRQL       Vints         CAS Social       1.4       11.3       U       11.3       0.0       ug/L         05749-69       3+4-Methylphenol       11.3       U       11.5       100       ug/L         88-66-2       2,4,6-Trichlorophenol       8.90       U       8.90       50.0       ug/L         87-86-3       Hexachlorophenol       8.90       U       8.90       50.0       ug/L         87-86-3       Hexachlorophenol       8.90       U </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>								
Sample WtVol:       100       Units:       mL       Final Vol:       1000       uL         Soil Aliquot Vol:       uL       Test:       TCLP BNA         Extraction Type :       CPC Factor:       1.0       GPC Cleanup:       N       PII :         Prep Method:       SW3541       GPC Factor:       1.0       GPC Cleanup:       N       PII :         File DD/Qc Batch:       Dilution:       Prep Date       Date Analyzed       Prep Batch ID       BF140662.D       1       11/26/24 10:45       11/27/24 11:48       PB165269         2XS Number       Parameter       Conc.       Qualifier       MDL       LOQ / CRQL       Voits         FARCETS       11/26/24 10:45       11/3       U       1.1       1.1       0.0       ug/L         65794-96-9       3+4-Methylphenols       11.5       U       1.5.5       50.0       ug/L         65794-96-9       3+4-Methylphenols       11.5       U       11.5       100       ug/L         87-68-3       Hexachloroethane       10.1       U       10.1       50.0       ug/L         88-06-2       2.4.6-Trichlorophenol       8.90       U       8.90       50.0       ug/L         118-74-1       Hexachl	-							
Normal Section Vol:       uL       Test:       TCLP BNA         Extraction Type :       Decanted :       N       Level :       LOW         Injection Volume :       GPC Factor :       1.0       GPC Cleanup :       N       PH :         Prep Method :       SW3541        GPC Cleanup :       N       PH :          BF140662.D       1       11/26/24 10:45       11/27/24 11:48       PB165269        Inis         CAS Number       Parameter       Cone.       Qualifier       MDL       LOQ / CRQL       Units         CARGETS       10:64-67       1.4-Dichlorobenzene       8.40       U       8.40       0.0       ug/L         05-48-7       2-Methylphenol       11.3       U       11.3       0.0       ug/L         05-72-1       Hexachlorobenzene       10.1       U       10.1       50.0       ug/L         98-95-3       Nitrobenzene       12.7       U       12.7       50.0       ug/L         98-95-3       Nitrobenzene       12.7       U       12.7       50.0       ug/L         98-95-3       Nitrobenzene       12.7       U       12.7       50.0       ug/L         98-95-3       N	-							
Kratchin Type :         Decanted :         N         Level :         LOW           Injection Volume :         GPC Factor :         1.0         GPC Cleanup :         N         PH :           Prep Method :         SW3541	-							
Injection Volume:         GPC Factor: $1.0$ GPC Cleanup:         N         PH:           Prep Method :         SW3541         Date Analyzed         Prep Batch ID           BF140662.D         1 $11/26/24$ 10:45 $11/27/24$ 11:48         PB165269           CAS Number         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           CAS Sumber         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           CAS Sumber         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           CAS Sumber         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           CAS Sumber         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           CAS Sumber         Parameter         Son         ug/L         Ug/L         Ug/L         Ug/L         Ug/L           Start         Start         U         11.5         U         11.5         Dol         ug/L           Start         Start         U         12.7         U         12.7         Son         ug/L <t< td=""><td>Soil Aliquot Vol:</td><td></td><td>uL</td><td></td><td></td><td>Test:</td><td>TCLP B</td><td>NA</td></t<>	Soil Aliquot Vol:		uL			Test:	TCLP B	NA
Prep Method :         SW3541           File ID/Qc Batch:         Dilution:         Prep Date         Date Analyzed         Prep Batch ID           BF140662.D         1         11/26/24 10:45         11/27/24 11:48         PB165269           CAS Number         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           CAS Number         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           CAS Number         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           CAS Number         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           CAS Number         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           Start         Star         Start         Star         S	Extraction Type :		Decan	Decanted : N Level : LO		LOW		
File IDQc Batch:       Dilution:       Prep Date       Date Analyzed       Prep Batch ID         BF140662.D       1       11/26/24 10:45       11/27/24 11:48       PB165269         CAS Number       Parameter       Cone.       Qualifier       MDL       LOQ / CRQL       Units         EARGETS       110-86-1       Pyridine       15.5       U       15.5       50.0       ug/L         106-46-7       1.4-Dichlorobenzene       8.40       U       8.40       0.0       50.0       ug/L         65784-96-3       34-4-Methylphenol       11.3       U       11.5       100       ug/L         67-72-1       Hexachloroethane       10.1       U       10.1       50.0       ug/L         98-95-3       Nitrobenzene       12.7       U       12.7       50.0       ug/L         98-05-3       Hexachloroethane       10.1       U       10.1       50.0       ug/L         98-05-4       2.4,6-Tritchlorophenol       8.90       50.0       ug/L         1121-14-2       2.4-Dimitrotoluene       15.2       U       15.2       50.0       ug/L         118-74-1       Hexachlorobenzene       11.4       U       11.4       U       11.4 <t< td=""><td>Injection Volume</td><td>:</td><td>GPC Factor :</td><td>1.0</td><td></td><td>GPC Cleanup :</td><td>Ν</td><td>PH :</td></t<>	Injection Volume	:	GPC Factor :	1.0		GPC Cleanup :	Ν	PH :
BF14062.D         1         11/26/24 10:45         11/27/24 11:48         PB165269           CAS Number         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           CAS Number         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           CAS Number         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           CAS Number         Parameter         0.0         u.g/L         8.40         S.5         S0.0         u.g/L           106-46-7         1.4-Dichlorobenzene         8.40         U         8.40         S0.0         u.g/L           595-48         2.44cHylphenols         11.5         U         11.5         100         u.g/L           98-95-3         Nitrobenzene         12.7         U         12.7         S0.0         u.g/L           88-06-2         2.4,6-Trichlorophenol         8.90         U         8.90         S0.0         u.g/L           1121-14-2         2.4-Dinitrotoluene         15.2         U         15.2         S0.0         u.g/L           11327-85         Penol-d6         128         15 (10) - 110 (139)         88%         SPK: 15	Prep Method :	SW3541						
CAS Number         Parameter         Conc.         Qualifier         MDL         LOQ / CRQL         Units           FARCETS         110-86-1         Pyridine         15.5         U         15.5         50.0         ug/L           95-48-7         2-Methylphenol         11.3         U         11.3         50.0         ug/L           95-48-7         2-Methylphenol         11.3         U         11.3         50.0         ug/L           65794-96-9         3+4-Methylphenols         11.5         U         11.5         100         ug/L           98-95-3         Nitrobenzene         12.7         U         12.7         50.0         ug/L           88-06-2         2.4,6-Trichlorophenol         8.90         U         8.90         ug/L         10.1         50.0         ug/L           95-95-4         2.4,5-Trichlorophenol         8.90         U         8.90         ug/L         12.1         12.1         10.1         10.1         10.1         10.1         11.2         10.1         12.1         12.2         50.0         ug/L         12.1         12.4         2.4,6-Trichlorophenol         13.2         15.2         10.0         ug/L         12.1         12.4         14.1         11.4<	File ID/Qc Batch:	Dilution:	Prep Date		Date A	nalyzed	Prep Batch I	D
FARGETS         Interface         15.5         U         15.5         50.0         ug/L           106-46-7         1,4-Dichlorobenzene         8.40         U         8.40         50.0         ug/L           95-48-7         2-Methylphenol         11.3         U         11.3         50.0         ug/L           65794-96-9         3+4-Methylphenols         11.5         U         11.5         100         ug/L           98-95-3         Nitrobenzene         12.7         U         12.7         50.0         ug/L           98-95-3         Nitrobenzene         12.7         U         12.7         50.0         ug/L           88-06-2         2,4,6-Trichlorophenol         8.90         U         8.90         ug/L         12.7           95-95-4         2,4,5-Trichlorophenol         8.90         U         8.90         ug/L         12.1           121-14-2         2,4-Dinitrotoluene         15.2         U         15.2         50.0         ug/L           118-74-1         Hexachlorophenol         18.5         U         18.5         100         ug/L           13127-88-3         Phenol-d6         128         15 (10) - 110 (139)         88%         SPK: 150	BF140662.D	1	11/26/24 10	0:45	11/27/2	24 11:48	PB165269	
110-86-1       Pyridine       15.5       U       15.5       U       15.5       50.0       ug/L         106-46-7       1.4-Dichlorobenzene       8.40       U       8.40       50.0       ug/L         95-48-7       2-Methylphenol       11.3       U       11.3       50.0       ug/L         65794-96-9       3+4-Methylphenols       11.5       U       11.5       100       ug/L         657-72-1       Hexachloroethane       10.1       U       10.1       50.0       ug/L         98-95-3       Nitrobenzene       12.7       U       12.7       50.0       ug/L         87-68-3       Hexachloroethane       10.1       U       10.1       50.0       ug/L         88-06-2       2,4,6-Trichlorophenol       8.90       U       8.90       50.0       ug/L         121-14-2       2,4-Dinitrotoluene       15.2       U       15.0       0.0       ug/L         118-74-1       Hexachlorobenzene       11.4       U       11.4       50.0       ug/L         118-74-2       2,4-Dinitrotoluene       13.2       15 (10) - 110 (139)       88%       SPK: 150         13127-88-3       Pentol-d6       128       15 (10) - 110 (139)	CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / CRQL	Units
110-86-1       Pyridine       15.5       U       15.5       U       15.5       50.0       ug/L         106-46-7       1.4-Dichlorobenzene       8.40       U       8.40       50.0       ug/L         95-48-7       2-Methylphenol       11.3       U       11.3       50.0       ug/L         65794-96-9       3+4-Methylphenols       11.5       U       11.5       100       ug/L         657-72-1       Hexachloroethane       10.1       U       10.1       50.0       ug/L         98-95-3       Nitrobenzene       12.7       U       12.7       50.0       ug/L         87-68-3       Hexachloroethane       10.1       U       10.1       50.0       ug/L         88-06-2       2,4,6-Trichlorophenol       8.90       U       8.90       50.0       ug/L         121-14-2       2,4-Dinitrotoluene       15.2       U       15.0       0.0       ug/L         118-74-1       Hexachlorobenzene       11.4       U       11.4       50.0       ug/L         118-74-2       2,4-Dinitrotoluene       13.2       15 (10) - 110 (139)       88%       SPK: 150         13127-88-3       Pentol-d6       128       15 (10) - 110 (139)	ТАДСЕТС							
106-46-7       1.4-Dichlorobenzene       8.40       U       8.40       50.0       ug/L         95-48-7       2-Methylphenol       11.3       U       11.3       50.0       ug/L         65794-96-9       3+4-Methylphenols       11.5       U       11.5       100       ug/L         65794-96-9       3+4-Methylphenols       11.5       U       11.5       100       ug/L         67.72-1       Hexachlorobthane       10.1       U       10.1       50.0       ug/L         98-95-3       Nitrobenzene       12.7       U       12.7       50.0       ug/L         87-68-3       Hexachlorobutadiene       12.7       U       12.7       50.0       ug/L         95-95-4       2,4,5-Trichlorophenol       8.90       U       8.90       0.0       ug/L         121-14-2       2,4-Dinitrotoluene       15.2       U       15.2       50.0       ug/L         121-14-2       2,4-Dinitrotoluene       18.5       U       18.5       100       ug/L         121-14-2       2,4-Dinitrotoluene       15.2       U       15.2       50.0       ug/L         121-14-2       2,4-Dinitrotoluene       15.2       U       15.2	110-86-1	Pyridine	15.5	U	15.5		50.0	ug/L
65794-96-9 $3+4$ -Methylphenols11.5U11.5100ug/L67-72-1Hexachloroethane10.1U10.150.0ug/L98-95-3Nitrobenzene12.7U12.750.0ug/L87-68-3Hexachlorobutadiene12.7U12.750.0ug/L88-06-22,4,6-Trichlorophenol8.90U8.9050.0ug/L121-14-22,4-Strichlorophenol10.1U10.150.0ug/L121-14-22,4-Strichlorophenol15.2U15.250.0ug/L118-74-1Hexachlorobenzene11.4U11.450.0ug/L118-74-1Hexachlorophenol18.5U18.5100ug/LCURROGATESSurroophenol13215 (10) - 110 (139)88%SPK: 150Strong benol-d612815 (10) - 110 (139)88%SPK: 150Strong benol-d612815 (10) - 110 (133)89%SPK: 1001127-88-3Phenol-d612815 (10) - 110 (133)89%SPK: 100121-60-82-Fluorophenol12415 (44) - 110 (137)83%SPK: 15021-60-82-Fluorophenol12415 (44) - 110 (137)83%SPK: 1501718-51-0Terphenyl-d1489.630 (48) - 130 (125)90%SPK: 100NTERNAL STANDARDSSt5-82-11,4-Dichlorobenzene-d4787006.8691146-65-2	106-46-7							
67-72-1       Hexachloroethane       10.1       U       10.1       50.0       ug/L         98-95-3       Nitrobenzene       12.7       U       12.7       50.0       ug/L         87-68-3       Hexachlorobutadiene       12.7       U       12.7       50.0       ug/L         88-06-2       2,4,6-Trichlorophenol       8.90       U       8.90       50.0       ug/L         95-95-4       2,4,5-Trichlorophenol       10.1       U       10.1       50.0       ug/L         121-14-2       2,4-5-Trichlorophenol       10.1       U       10.1       50.0       ug/L         121-14-2       2,4-5-Trichlorophenol       15.2       U       15.2       50.0       ug/L         121-14-2       2,4-5-Trichlorophenol       18.5       U       18.5       100       ug/L         121-14-2       2,4-5-Trichlorophenol       18.5       U       18.5       100       ug/L         121-14-2       2,4-Eluorophenol       18.5       U       18.5       100       ug/L         187-86-5       Pentachlorophenol       132       15 (10) - 110 (139)       88%       SPK: 150         13127-88-3       Phenol-d6       128       15 (10) - 130 (133)	95-48-7			U			50.0	
98-95-3       Nitrobenzene       12.7       U       12.7       50.0       ug/L         87-68-3       Hexachlorobutadiene       12.7       U       12.7       50.0       ug/L         88-06-2       2,4,6-Trichlorophenol       8.90       U       8.90       50.0       ug/L         95-95-4       2,4,5-Trichlorophenol       10.1       U       10.1       50.0       ug/L         121-14-2       2,4-Dinitrotoluene       15.2       U       15.2       50.0       ug/L         87-86-5       Pentachlorophenol       18.5       U       18.5       100       ug/L         SURROGATES       2       Fluorophenol       132       15 (10) - 110 (139)       88%       SPK: 150         3013127-88-3       Phenol-d6       128       15 (10) - 110 (131) <td>65794-96-9</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>100</td> <td>ug/L</td>	65794-96-9						100	ug/L
87-68-3       Hexachlorobutadiene       12.7       U       12.7       50.0       ug/L         88-06-2       2,4,6-Trichlorophenol       8.90       U       8.90       50.0       ug/L         95-95-4       2,4,5-Trichlorophenol       10.1       U       10.1       50.0       ug/L         121-14-2       2,4-Dinitrotoluene       15.2       U       15.2       50.0       ug/L         118-74-1       Hexachlorobenzene       11.4       U       11.4       50.0       ug/L         87-86-5       Pentachlorophenol       18.5       U       18.5       100       ug/L         URROGATES         Solophenol       132       15 (10) - 110 (139)       88%       SPK: 150         13127-88-3       Phenol-d6       128       15 (10) - 110 (134)       86%       SPK: 150         321-60-0       Nitrobenzene-d5       89.2       30 (49) - 130 (133)       89%       SPK: 100         321-60-8       2-Fluorobiphenyl       89.4       30 (52) - 130 (132)       89%       SPK: 100         118-79-6       2,4,6-Tribromophenol       124       15 (44) - 110 (137)       83%       SPK: 150         1718-51-0       Terphenyl-d14       89.6 <td< td=""><td>67-72-1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	67-72-1							
88-06-2       2,4,6-Trichlorophenol       8.90       U       8.90       50.0       ug/L         95-95-4       2,4,5-Trichlorophenol       10.1       U       10.1       50.0       ug/L         121-14-2       2,4-Dinitrotoluene       15.2       U       15.2       50.0       ug/L         118-74-1       Hexachlorobenzene       11.4       U       11.4       50.0       ug/L         87-86-5       Pentachlorophenol       18.5       U       18.5       100       ug/L <b>URROGATES SOURO MITORIANS UNROGATES SOURO MITORIANS UNROGATES SOURO MITORIANS UNROGATES SOURO MITORIANS SOURO MITORIANS UNROGATES SOURO MITORIANS SOURO MITO</b>	98-95-3							
95-95-4       2,4,5-Trichlorophenol       10.1       U       10.1       50.0       ug/L         121-14-2       2,4-Dinitrotoluene       15.2       U       15.2       50.0       ug/L         118-74-1       Hexachlorobenzene       11.4       U       11.4       0.0       ug/L         87-86-5       Pentachlorophenol       18.5       U       18.5       100       ug/L         87-86-5       Pentachlorophenol       132       15 (10) - 110 (139)       88%       SPK: 150         SURROGATES       367-12-4       2-Fluorophenol       132       15 (10) - 110 (139)       88%       SPK: 150         367-12-4       2-Fluorophenol       132       15 (10) - 110 (139)       88%       SPK: 150         367-12-4       2-Fluorophenol       132       15 (10) - 110 (139)       88%       SPK: 150         3127-88-3       Phenol-d6       128       15 (10) - 130 (133)       89%       SPK: 150         321-60-0       Nitrobenzene-d5       89.2       30 (49) - 130 (132)       89%       SPK: 100         118-79-6       2,4,6-Tribromophenol       124       15 (44) - 110 (137)       83%       SPK: 150         1718-51-0       Terphenyl-d14       89.6       30 (48) - 130 (125)	87-68-3							
121-14-2       2,4-Dinitrotoluene       15.2       U       15.2       50.0       ug/L         118-74-1       Hexachlorobenzene       11.4       U       11.4       0       ug/L         87-86-5       Pentachlorophenol       18.5       U       18.5       100       ug/L         SURROGATES       367-12-4       2-Fluorophenol       132       15 (10) - 110 (139)       88%       SPK: 150         367-12-4       2-Fluorophenol       132       15 (10) - 110 (134)       86%       SPK: 150         3127-88-3       Phenol-d6       128       15 (10) - 110 (134)       86%       SPK: 150         321-60-8       2-Fluorobiphenyl       89.4       30 (52) - 130 (132)       89%       SPK: 100         321-60-8       2-Fluorobiphenyl       89.4       30 (52) - 130 (132)       89%       SPK: 100         118-79-6       2,4,6-Tribromophenol       124       15 (44) - 110 (137)       83%       SPK: 150         1718-51-0       Terphenyl-d14       89.6       30 (48) - 130 (125)       90%       SPK: 100         NTERNAL STAND       X       X       15 (44) - 110 (137)       83%       SPK: 100         1146-65-2       Naphthalene-d8       298000       8.151       15067-26-2	88-06-2							
118-74-1Hexachlorobenzene11.4U11.450.0ug/L87-86-5Pentachlorophenol18.5U18.5100ug/LSURROGATES367-12-42-Fluorophenol13215 (10) - 110 (139)88%SPK: 15013127-88-3Phenol-d612815 (10) - 110 (134)86%SPK: 1504165-60-0Nitrobenzene-d589.230 (49) - 130 (133)89%SPK: 100321-60-82-Fluorobiphenyl89.430 (52) - 130 (132)89%SPK: 100118-79-62,4,6-Tribromophenol12415 (44) - 110 (137)83%SPK: 1501718-51-0Terphenyl-d1489.630 (48) - 130 (125)90%SPK: 100NTERNAL STANDNTERNAL STANDRDS3255-82-11,4-Dichlorobenzene-d4787006.8691146-65-2Naphthalene-d82980008.15115115067-26-2Acenaphthene-d101680009.9041517-22-2Phenanthrene-d1032600011.3981719-03-5Chrysene-d121719-03-5Chrysene-d1219900014.04514.045	95-95-4							
87-86-5Pentachlorophenol18.5U18.5100ug/LSURROGATES367-12-42-Fluorophenol13215 (10) - 110 (139)88%SPK: 15013127-88-3Phenol-d612815 (10) - 110 (134)86%SPK: 1504165-60-0Nitrobenzene-d589.230 (49) - 130 (133)89%SPK: 100321-60-82-Fluorobiphenyl89.430 (52) - 130 (132)89%SPK: 100118-79-62,4,6-Tribromophenol12415 (44) - 110 (137)83%SPK: 1501718-51-0Terphenyl-d1489.630 (48) - 130 (125)90%SPK: 100NTERNAL STANDARDSS3855-82-11,4-Dichlorobenzene-d4787006.8691146-65-2Naphthalene-d82980008.15115115067-26-2Acenaphthene-d101680009.9041517-22-2Phenanthrene-d1032600011.3981719-03-5Chrysene-d121719-03-5Chrysene-d1219900014.04514.045								
SURROGATES         367-12-4       2-Fluorophenol       132       15 (10) - 110 (139)       88%       SPK: 150         13127-88-3       Phenol-d6       128       15 (10) - 110 (134)       86%       SPK: 150         4165-60-0       Nitrobenzene-d5       89.2       30 (49) - 130 (133)       89%       SPK: 100         321-60-8       2-Fluorobiphenyl       89.4       30 (52) - 130 (132)       89%       SPK: 100         321-60-8       2,4,6-Tribromophenol       124       15 (44) - 110 (137)       83%       SPK: 150         118-79-6       2,4,6-Tribromophenol       124       15 (44) - 110 (137)       83%       SPK: 100         NTERNAL STANDARDS       30 (48) - 130 (125)       90%       SPK: 100         NTERNAL STANDARDS       3855-82-1       1,4-Dichlorobenzene-d4       78700       6.869         1146-65-2       Naphthalene-d8       298000       8.151       15067-26-2       Acenaphthene-d10       168000       9.904         1517-22-2       Phenanthrene-d10       326000       11.398       1719-03-5       Chrysene-d12       199000       14.045								
367-12-42-Fluorophenol13215 (10) - 110 (139)88%SPK: 15013127-88-3Phenol-d612815 (10) - 110 (134)86%SPK: 1504165-60-0Nitrobenzene-d589.230 (49) - 130 (133)89%SPK: 100321-60-82-Fluorobiphenyl89.430 (52) - 130 (132)89%SPK: 100118-79-62,4,6-Tribromophenol12415 (44) - 110 (137)83%SPK: 1501718-51-0Terphenyl-d1489.630 (48) - 130 (125)90%SPK: 100NTERNAL STANDARDS3855-82-11,4-Dichlorobenzene-d4787006.8691146-65-2Naphthalene-d82980008.15115067-26-2Acenaphthene-d101680009.9041517-22-2Phenanthrene-d1032600011.3981719-03-5Chrysene-d1219900014.045	87-86-5	Pentachlorophenol	18.5	U	18.5		100	ug/L
13127-88-3Phenol-d612815 (10) - 110 (134)86%SPK: 1504165-60-0Nitrobenzene-d589.230 (49) - 130 (133)89%SPK: 100321-60-82-Fluorobiphenyl89.430 (52) - 130 (132)89%SPK: 100118-79-62,4,6-Tribromophenol12415 (44) - 110 (137)83%SPK: 1501718-51-0Terphenyl-d1489.630 (48) - 130 (125)90%SPK: 100NTERNAL STANDARDS3855-82-11,4-Dichlorobenzene-d4787006.8691146-65-2Naphthalene-d82980008.15151115067-26-2Acenaphthene-d101680009.904511.3981517-22-2Phenanthrene-d1032600011.398511.3981719-03-5Chrysene-d1219900014.045511.306	SURROGATES							
4165-60-0       Nitrobenzene-d5       89.2       30 (49) - 130 (133)       89%       SPK: 100         321-60-8       2-Fluorobiphenyl       89.4       30 (52) - 130 (132)       89%       SPK: 100         118-79-6       2,4,6-Tribromophenol       124       15 (44) - 110 (137)       83%       SPK: 100         1718-51-0       Terphenyl-d14       89.6       30 (48) - 130 (125)       90%       SPK: 100         NTERNAL STANDARDS         3855-82-1       1,4-Dichlorobenzene-d4       78700       6.869         1146-65-2       Naphthalene-d8       298000       8.151         15067-26-2       Acenaphthene-d10       168000       9.904         1517-22-2       Phenanthrene-d10       326000       11.398         1719-03-5       Chrysene-d12       199000       14.045	367-12-4							SPK: 150
321-60-8       2-Fluorobiphenyl       89.4       30 (52) - 130 (132)       89%       SPK: 100         118-79-6       2,4,6-Tribromophenol       124       15 (44) - 110 (137)       83%       SPK: 150         1718-51-0       Terphenyl-d14       89.6       30 (48) - 130 (125)       90%       SPK: 100         NTERNAL STANDARDS         3855-82-1       1,4-Dichlorobenzene-d4       78700       6.869         1146-65-2       Naphthalene-d8       298000       8.151         15067-26-2       Acenaphthene-d10       168000       9.904         1517-22-2       Phenanthrene-d10       326000       11.398         1719-03-5       Chrysene-d12       199000       14.045	13127-88-3							SPK: 150
118-79-6       2,4,6-Tribromophenol       124       15 (44) - 110 (137)       83%       SPK: 150         1718-51-0       Terphenyl-d14       89.6       30 (48) - 130 (125)       90%       SPK: 100         NTERNAL STANDARDS         3855-82-1       1,4-Dichlorobenzene-d4       78700       6.869       5000       6.869       5000	4165-60-0							SPK: 100
1718-51-0Terphenyl-d1489.630 (48) - 130 (125)90%SPK: 100NTERNAL STANDARDS3855-82-11,4-Dichlorobenzene-d4787006.8691146-65-2Naphthalene-d82980008.15115067-26-2Acenaphthene-d101680009.9041517-22-2Phenanthrene-d1032600011.3981719-03-5Chrysene-d1219900014.045	321-60-8							SPK: 100
NTERNAL STANDARDS3855-82-11,4-Dichlorobenzene-d4787006.8691146-65-2Naphthalene-d82980008.15115067-26-2Acenaphthene-d101680009.9041517-22-2Phenanthrene-d1032600011.3981719-03-5Chrysene-d1219900014.045	118-79-6							SPK: 150
3855-82-11,4-Dichlorobenzene-d4787006.8691146-65-2Naphthalene-d82980008.15115067-26-2Acenaphthene-d101680009.9041517-22-2Phenanthrene-d1032600011.3981719-03-5Chrysene-d1219900014.045	1718-51-0	Terphenyl-d14	89.6		30 (48) - 1	30 (125)	90%	SPK: 100
1146-65-2Naphthalene-d82980008.15115067-26-2Acenaphthene-d101680009.9041517-22-2Phenanthrene-d1032600011.3981719-03-5Chrysene-d1219900014.045	INTERNAL STANI							
15067-26-2Acenaphthene-d101680009.9041517-22-2Phenanthrene-d1032600011.3981719-03-5Chrysene-d1219900014.045	3855-82-1	1,4-Dichlorobenzene-d4	78700	6.869				
1517-22-2Phenanthrene-d1032600011.3981719-03-5Chrysene-d1219900014.045	1146-65-2	Naphthalene-d8	298000	8.151				
1719-03-5 Chrysene-d12 199000 14.045	15067-26-2	Acenaphthene-d10	168000	9.904				
	1517-22-2		326000	11.398				
1520-96-3 Perylene-d12 158000 15.545	1719-03-5		199000	14.045				
	1520-96-3	Perylene-d12	158000	15.545				



7

			Repor	t of Analy	vsis				
Client:	ENTACT					Date Collected:		11/26/24	
Project:	West Lake	;				Date Received:		11/26/24	
Client Sample ID:	PB165252	TB				SDG No.:		P4995	
Lab Sample ID:	PB165252	TB				Matrix:		TCLP	
Analytical Method:	SW8270					% Solid:		0	
Sample Wt/Vol:	100	Units:	mL			Final Vol:		1000	uL
Soil Aliquot Vol:			uL			Test:		TCLP BNA	
Extraction Type :			Decar	nted : N		Level :		LOW	
Injection Volume :			GPC Factor :	1.0		GPC Cleanup :	Ν	PH :	
Prep Method :	SW3541								
File ID/Qc Batch:	Dilution:		Prep Date		Date A	nalyzed	Pı	rep Batch ID	
BF140662.D	1		11/26/24 1	0:45	11/27/2	24 11:48	PI	B165269	
CAS Number Para	meter		Conc.	Qualifier	MDL		LOQ	/ CRQL	Units

- 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



# A B C D

OrderID: Client: Contact:	P4995 ENTACT Bryan Reyes			OrderDate: Project: Location:	11/25/2024 11:{ West Lake L61,VOA Ref. #			
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4995-02	001	TCLP			11/25/24			11/25/24
			TCLP BNA	8270E		11/26/24	11/27/24	



			Hit Su	mmary Sheet SW-846			
SDG No.:	P4995			Order ID:	P4995		В
Client:	ENTACT			Project ID:	West Lake		С
Sample ID	Client ID	Matrix	Parameter	Concentration	C MDL	RDL	Units
Client ID :							

Total Concentration:0.000





A B C D



			1		J ~-~				
Client:	ENTACT					Date Collected:	11/25/24		
Project:	West Lake					Date Received:	11/25/24		
Client Sample ID:	001					SDG No.:	P4995		
Lab Sample ID:	P4995-02					Matrix:	TCLP		
Analytical Method	: SW8081					% Solid:	0	Decanted:	
Sample Wt/Vol:		Jnits:	mL			Final Vol:	10000	uL	
Soil Aliquot Vol:	100 0		uL			Test:	TCLP Pest		
•			uL				ICLI ICSI	leide	
Extraction Type:						Injection Volume :			
GPC Factor :	1.0	Р	H :						
Prep Method :	SW3541B								
File ID/Qc Batch:	Dilution:		Prep	Date		Date Analyzed	Pro	ep Batch ID	
PD086979.D	1		11/20	6/24 12:00		11/27/24 18:56	PE	165274	
CAS Number	Parameter		Conc.	Qualifier	MDL		LOQ /	CRQL	Units
TARGETS									
58-89-9	gamma-BHC (Linda	ine)	0.049	U	0.049			0.50	ug/L
76-44-8	Heptachlor		0.054	U	0.054			0.50	ug/L
1024-57-3	Heptachlor epoxide		0.090	U	0.090			0.50	ug/L
72-20-8	Endrin		0.043	U	0.043			0.50	ug/L
72-43-5	Methoxychlor		0.11	U	0.11			0.50	ug/L
8001-35-2	Toxaphene		1.50	U	1.50			10.0	ug/L
57-74-9	Chlordane		0.82	U	0.82			5.00	ug/L
SURROGATES									
								000/	CDIZ A
2051-24-3 877-09-8	Decachlorobiphenyl Tetrachloro-m-xylen		19.9 20.3			- 150 (140) - 150 (126)		99% 102%	SPK: 2 SPK: 2

**Report of Analysis** 

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit

M = MS/MSD acceptance criteria did not meet requirements

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C

## B C D

Client:	ENTACT					Date Collected:			
Project:	West Lake					Date Received:	11/26/24		
Client Sample ID:	PB165252TH	В				SDG No.:	P4995		
Lab Sample ID:	PB165252TE	В				Matrix:	TCLP		
Analytical Method:	SW8081					% Solid:	0	Decanted	
Sample Wt/Vol:		Jnits:	mL			Final Vol:	10000	uL	
Soil Aliquot Vol:			uL			Test:	TCLP Pesti		
-			uL				ICLI I estiv	ciuc	
Extraction Type:						Injection Volume :			
GPC Factor :	1.0		PH :						
Prep Method :	SW3541B								
File ID/Qc Batch:	Dilution:		Prep	Date		Date Analyzed	Prep Batch ID		
PD086978.D	1		11/2	6/24 12:00		11/27/24 18:42	PB165274		
CAS Number	Parameter		Conc.	Qualifier	MDL		LOQ/C	CRQL	Units
TARGETS									
58-89-9	gamma-BHC (Linda	ine)	0.049	U	0.049			0.50	ug/L
76-44-8	Heptachlor		0.054	U	0.054			0.50	ug/L
1024-57-3	Heptachlor epoxide		0.090	U	0.090			0.50	ug/L
72-20-8	Endrin		0.043	U	0.043			0.50	ug/L
72-43-5	Methoxychlor		0.11	U	0.11			0.50	ug/L
8001-35-2	Toxaphene		1.50	U	1.50			10.0	ug/L
57-74-9	Chlordane		0.82	U	0.82			5.00	ug/L
SURROGATES									
SURROGATES 2051-24-3 877-09-8	Decachlorobiphenyl Tetrachloro-m-xylen		19.9 20.6			- 150 (140) - 150 (126)		99% 103%	SPK: 20 SPK: 20

**Report of Analysis** 

Comments:

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

P4995

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D

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OrderID: Client: Contact:	P4995 ENTACT Bryan Reyes			OrderDate: Project: Location:	11/25/2024 11:{ West Lake L61,VOA Ref. #			
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4995-02	001	TCLP			11/25/24			11/25/24
			TCLP Pesticide	8081B		11/26/24	11/27/24	
			PCB	8082A		11/26/24	11/26/24	



			Hit Su	mmary Sheet SW-846			
SDG No.:	P4995			Order ID:	P4995		В
Client:	ENTACT			Project ID:	West Lake		С
Sample ID	Client ID	Matrix	Parameter	Concentration	C MDL	RDL U	nits
Client ID :							

Total Concentration: 0.000





A B C D



Client:	ENTACT				Date Collected:	11/25/24		
Project:	West Lake				Date Received:	11/25/24		
Client Sample ID	: 001				SDG No.:	P4995		
Lab Sample ID:	P4995-02				Matrix:	WATER		
Analytical Metho	d: SW8082A				% Solid:	0	Decante	d:
Sample Wt/Vol:	1000 U	Jnits: mL			Final Vol:	10000	uL	
Soil Aliquot Vol:		uL			Test:	PCB		
Extraction Type:					Injection Volume			
	4.0	DU			injection volume			
GPC Factor :	1.0	PH :						
Prep Method :	3510C							
File ID/Qc Batch:	: Dilution:		Prep Date		Date Analyzed	Pre	p Batch ID	
PO108243.D	1		11/26/24 08:28		11/26/24 18:54	PB	165257	
CAS Number	Parameter	Conc	e. Qualifi	ier MDL		LOQ / O	CRQL	Units
	Parameter	Conc	e. Qualifi	ier MDL		LOQ / (	CRQL	Units
CAS Number TARGETS 12674-11-2	Parameter Aroclor-1016	<b>Conc</b> 0.15		ier MDL 0.15		LOQ / (	CRQL 0.50	
TARGETS			U			LOQ / C		Units ug/L ug/L
<b>TARGETS</b> 12674-11-2	Aroclor-1016	0.15	U U	0.15		LOQ / C	0.50	ug/L
<b>TARGETS</b> 12674-11-2 11104-28-2	Aroclor-1016 Aroclor-1221	0.15 0.23	U U U	0.15 0.23		LOQ / (	0.50 0.50	ug/L ug/L
<b>TARGETS</b> 12674-11-2 11104-28-2 11141-16-5	Aroclor-1016 Aroclor-1221 Aroclor-1232	0.15 0.23 0.37	U U U U	0.15 0.23 0.37		LOQ / C	0.50 0.50 0.50	ug/L ug/L ug/L
<b>TARGETS</b> 12674-11-2 11104-28-2 11141-16-5 53469-21-9	Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242	0.15 0.23 0.37 0.16	U U U U U	0.15 0.23 0.37 0.16		LOQ / C	0.50 0.50 0.50 0.50	ug/L ug/L ug/L ug/L
<b>TARGETS</b> 12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6	Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248	0.15 0.23 0.37 0.16 0.12	U U U U U U	0.15 0.23 0.37 0.16 0.12		LOQ / (	0.50 0.50 0.50 0.50 0.50	ug/L ug/L ug/L ug/L ug/L
<b>TARGETS</b> 12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1	Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254	0.15 0.23 0.37 0.16 0.12 0.11	U U U U U U U	0.15 0.23 0.37 0.16 0.12 0.11		LOQ / (	0.50 0.50 0.50 0.50 0.50 0.50	ug/L ug/L ug/L ug/L ug/L ug/L
<b>TARGETS</b> 12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1 37324-23-5	Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1262	0.15 0.23 0.37 0.16 0.12 0.11 0.14	U U U U U U U U	0.15 0.23 0.37 0.16 0.12 0.11 0.14		LOQ / C	0.50 0.50 0.50 0.50 0.50 0.50 0.50	ug/L ug/L ug/L ug/L ug/L ug/L ug/L
<b>TARGETS</b> 12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1 37324-23-5 11100-14-4	Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1262 Aroclor-1268	0.15 0.23 0.37 0.16 0.12 0.11 0.14 0.12	U U U U U U U U	0.15 0.23 0.37 0.16 0.12 0.11 0.14 0.12		LOQ / (	0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L
<b>TARGETS</b> 12674-11-2 11104-28-2 11141-16-5 53469-21-9 12672-29-6 11097-69-1 37324-23-5 11100-14-4 11096-82-5	Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1262 Aroclor-1268	0.15 0.23 0.37 0.16 0.12 0.11 0.14 0.12 0.15	U U U U U U U U U U	0.15 0.23 0.37 0.16 0.12 0.11 0.14 0.12 0.15	- 150 (157)	LOQ / C	0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L
TARGETS         12674-11-2         11104-28-2         11141-16-5         53469-21-9         12672-29-6         11097-69-1         37324-23-5         11100-14-4         11096-82-5         SURROGATES	Aroclor-1016 Aroclor-1221 Aroclor-1232 Aroclor-1242 Aroclor-1248 Aroclor-1254 Aroclor-1262 Aroclor-1268 Aroclor-1260	0.15 0.23 0.37 0.16 0.12 0.11 0.14 0.12 0.15 e 22.5	U U U U U U U U U	0.15 0.23 0.37 0.16 0.12 0.11 0.14 0.12 0.15 30 (10)	- 150 (157) - 150 (173)	LOQ / C	0.50 0.50 0.50 0.50 0.50 0.50 0.50 0.50	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates > 25% difference for detected

concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

 $\mathbf{S}=\mathbf{Indicates}$  estimated value where valid five-point calibration

was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit



B C

D

Q

OrderID: Client: Contact:	P4995 ENTACT Bryan Reyes			OrderDate: Project: Location:	11/25/2024 11:t West Lake L61,VOA Ref. #			
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4995-02	001	WATER			11/25/24			11/25/24
			PCB	8082A		11/26/24	11/26/24	



			Hit Sı	ımmary Sheet SW-846			
SDG No.:	P4995			Order ID:	P4995		В
Client:	ENTACT			Project ID:	West Lake		С
Sample ID	Client ID	Matrix	Parameter	Concentration	C MDL	RDL Units	D
Client ID :							

Total Concentration:0.000









С
D

Report	of A	Anal	lvsis
report	011		<b>J D I D</b>

TARGETS         94-75-7         2,4-D         4.90         U         4.90         20.0         ug									
Client Sample ID:001SDG No.:P4995Lab Sample ID:P4995-02Matrix:TCLPAnalytical Method:SW8151A% Solid:0Decanted:Sample Wt/Vol:100Units:mLFinal Vol:10000uLSoil Aliquot Vol:uLTest:TCLP HerbicideExtraction Type:Injection Volume :GPC Factor :1.0PH :Injection Volume :Frep HerbicideFile ID/Qe Batch:Prep Batch IDProgo Method :8151A11/26/24 11:1011/26/24 22:49PB165273PB165273CAS NumberParametrConc.QualifierMDLLOQ / CRQLUTARGETS 94-75-72,4-D4.90U4.9020.0ug	Client:	ENTACT				Date Collected:	11/25/24		
Lab Sample ID:P4995-02Matrix:TCLPAnalytical Method:SW8151A% Solid:0Decanted:Sample Wt/Vol:100Units:mLFinal Vol:10000uLSoil Aliquot Vol:uLuLTest:TCLP HerbicideExtraction Type:I.0PH :Injection Volume :Injection Volume :GPC Factor :1.0PH :Prep Method :8151AFile ID/Qc Batch:Dilution:Prep DateDate AnalyzedPrep Batch IDPS028653.D111/26/24 11:1011/26/24 22:49PB165273CAS NumberParametrConc.Qualifier MDLLOQ / CRQLUTARGETS2,4-D4.90U4.9020.0ug	Project:	West Lake				Date Received:	11/25/24		
Analytical Method:SW8151A% Solid:0Decanted:Sample Wt/Vol:100Units:mLFinal Vol:10000uLSoil Aliquot Vol:uLTest:TCLP HerbicideExtraction Type:1.0PH :Injection Volume :Injection Volume :GPC Factor :1.0PH :Prep Method :8151AFile ID/Qc Batch:Dilution:Prep DateDate AnalyzedPrep Batch IDPS028653.D111/26/24 11:1011/26/24 22:49PB165273Conc.QualifierMDLLOQ / CRQLUTARGETS 94-75-72,4-D4.90U4.9020.0ug	Client Sample ID:	001				SDG No.:	P4995		
Sample Wt/Vol:       100       Units:       mL       Final Vol:       1000       uL         Soil Aliquot Vol:       uL       Test:       TCLP Herbicide         Extraction Type:       I.0       PH :       Injection Volume :       Injection Volume :         GPC Factor :       1.0       PH :       Injection Volume :       Injection Volume :         Prep Method :       8151A       8151A       Injection Volume :       Injection Volume :         File ID/Qe Batch:       Dilution:       Prep Date       Date Analyzed       Prep Batch ID         PS028653.D       1       11/26/24 11:10       11/26/24 22:49       PB165273         CAS Number       Parameter       Conc.       Qualifier       MDL       LOQ / CRQL       U         TARGETS       2.4-D       4.90       U       4.90       20.0       ug	Lab Sample ID:	P4995-02				Matrix:	TCLP		
Soil Aliquot Vol:uLTest:TCLP HerbicideExtraction Type:Injection Volume :Injection Volume :GPC Factor :1.0PH :Prep Method :8151AFile ID/Qc Batch:Dilution:Prep DateDate AnalyzedPrep Batch IDPS028653.D111/26/24 11:1011/26/24 22:49PB165273CAS NumberParameterConc.QualifierMDLLOQ / CRQLUTARGETS2,4-D4.90U4.9020.0ug	Analytical Method	: SW8151A				% Solid:	0	Decanted:	
Extraction Type:Injection Volume :GPC Factor :1.0PH :Prep Method :8151AFile ID/Qc Batch:Dilution:Prep DateDate AnalyzedPS028653.D111/26/24 11:1011/26/24 22:49PB165273CAS NumberParameterConc.QualifierMDLLOQ / CRQLUTARGETS2,4-D4.90U4.9020.0ug	Sample Wt/Vol:	100 U	nits: mL			Final Vol:	10000	uL	
GPC Factor :1.0PH :Prep Method :8151AFile ID/Qc Batch:Dilution:Prep DateDate AnalyzedPrep Batch IDPS028653.D1 $11/26/24 11:10$ $11/26/24 22:49$ PB165273CAS NumberParameterConc.QualifierMDLLOQ / CRQLUTARGETS 94-75-72,4-D4.90U4.9020.0ug	Soil Aliquot Vol:		uL			Test:	TCLP Herbici	de	
Prep Method : $8151A$ File ID/Qc Batch:Dilution:Prep DateDate AnalyzedPrep Batch IDPS028653.D1 $11/26/24 11:10$ $11/26/24 22:49$ PB165273CAS NumberParameterConc.QualifierMDLLOQ / CRQLUTARGETS 94-75-72,4-D4.90U4.9020.0ug	Extraction Type:					Injection Volume :			
File ID/Qc Batch:Dilution:Prep DateDate AnalyzedPrep Batch IDPS028653.D1 $11/26/24 11:10$ $11/26/24 22:49$ PB165273CAS NumberParameterConc.QualifierMDLLOQ / CRQLUTARGETS 94-75-72,4-D4.90U4.9020.0ug	GPC Factor :	1.0	PH :						
PS028653.D       1       11/26/24 11:10       11/26/24 22:49       PB165273         CAS Number       Parameter       Conc.       Qualifier       MDL       LOQ / CRQL       U         TARGETS 94-75-7       2,4-D       4.90       U       4.90       u       20.0       ug	Prep Method :	8151A							
CAS NumberParameterConc.QualifierMDLLOQ / CRQLUTARGETS 94-75-72,4-D4.90U4.9020.0ug	File ID/Qc Batch:	Dilution:	Prep	Date		Date Analyzed	Prep 1	Batch ID	
TARGETS         94-75-7         2,4-D         4.90         U         4.90         20.0         ug	PS028653.D	1	11/20	6/24 11:10		11/26/24 22:49	PB16	5273	
94-75-7 2,4-D 4.90 U 4.90 20.0 ug	CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / CR	QL	Units
94-75-7 2,4-D 4.90 U 4.90 20.0 ug	TARGETS								
93-72-1 2,4,5-TP (Silvex) 4.50 U 4.50 20.0 us		2,4-D	4.90	U	4.90		20	0.0	ug/L
	93-72-1	2,4,5-TP (Silvex)	4.50	U	4.50		20	0.0	ug/L
SURROGATES           19719-28-9         2,4-DCAA         521         70 (39) - 130 (175)         104%         SI			521		70 (20)	120 (175)	1	740/	SPK: 500

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	

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Report	of Analysis
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(								
Client:	ENTACT				Date Collected:			
Project:	West Lake				Date Received:	11/26/24		
Client Sample ID:	PB165252TB				SDG No.:	P4995		
Lab Sample ID:	PB165252TB				Matrix:	TCLP		
Analytical Method	SW8151A				% Solid:	0	Decanted:	
Sample Wt/Vol:	100 Units	: mL			Final Vol:	10000	uL	
Soil Aliquot Vol:		uL			Test:	TCLP Herbio	cide	
Extraction Type:					Injection Volume :			
GPC Factor :	1.0	PH :						
Prep Method :	8151A							
File ID/Qc Batch:	Dilution:	Prep	Date		Date Analyzed	Prep	Batch ID	
PS028697.D	1	11/20	6/24 11:10		12/05/24 12:05	PB1	65273	
CAS Number	Parameter	Conc.	Qualifier	MDL		LOQ / C	RQL	Units
TARGETS								
94-75-7	2,4-D	4.90	U	4.90		,	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	4.50	U	4.50			20.0	ug/L
SURROGATES	2,4-DCAA	521		70 (39) -			104%	SPK: 500

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	N = Presumptive Evidence of a Compound
LOD = Limit of Detection	* = Values outside of QC limits
E = Value Exceeds Calibration Range	D = Dilution
P = Indicates > 25% difference for detected	S = Indicates estimated value where valid five-point calibration
concentrations between the two GC columns	was not performed prior to analyte detection in sample.
Q = indicates LCS control criteria did not meet requirements	() = Laboratory InHouse Limit
M = MS/MSD acceptance criteria did not meet requirements	

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OrderID: Client: Contact:	P4995 ENTACT Bryan Reyes			OrderDate: Project: Location:	11/25/2024 11:5 West Lake L61,VOA Ref. #			
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4995-02	001	TCLP			11/25/24			11/25/24
			TCLP Herbicide	8151A		11/26/24	11/26/24	
			TCLP Pesticide	8081B		11/26/24	11/27/24	
			PCB	8082A		11/26/24	11/26/24	



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922 11

			Hit Summar SW-						B C
SDG No.:	P4995			Order ID:		P4995			D
Client:	ENTACT			Project ID	:	West Lake			
Sample ID	Client ID	Matrix	Parameter	Concentration	С	MDL	RDL	Units	_
Client ID :	001								
P4995-02	001	TCLP	Barium	125	J	62.8	500	ug/L	
P4995-02	001	TCLP	Silver	7.28	J	5.80	50.0	ug/L	





# <u>SAMPLE</u> <u>DATA</u>



## **Report of Analysis**

		Report of Analysis			
Client:	ENTACT		Date Collected	: 11/25/24	
Project:	West Lake		Date Received:	11/25/24	
Client Sample ID:	001		SDG No.:	P4995	
Lab Sample ID:	P4995-02		Matrix:	TCLP	
Level (low/med):	low		% Solid:	0	
Cas Paramete	er Conc. Qua. DF MDL	LOQ / CRQL Units	Prep Date	Date Ana. Ana Met.	Prep Met.
					~~~~~

											-
7440-38-2	Arsenic	34.8	U	1	34.8	100	ug/L	11/26/24 11:45	12/02/24 15:33	SW6010	SW3050
7440-39-3	Barium	125	J	1	62.8	500	ug/L	11/26/24 11:45	12/02/24 15:33	SW6010	SW3050
7440-43-9	Cadmium	0.94	U	1	0.94	30.0	ug/L	11/26/24 11:45	12/02/24 15:33	SW6010	SW3050
7440-47-3	Chromium	6.60	U	1	6.60	50.0	ug/L	11/26/24 11:45	12/02/24 15:33	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	11/26/24 11:45	12/02/24 15:33	SW6010	SW3050
7439-97-6	Mercury	0.81	U	1	0.81	2.00	ug/L	11/26/24 11:08	11/27/24 16:50	SW7470A	L
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	11/26/24 11:45	12/02/24 15:33	SW6010	SW3050
7440-22-4	Silver	7.28	J	1	5.80	50.0	ug/L	11/26/24 11:45	12/02/24 15:33	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP FULL			
•	of Quantitation od Detection Limit			<ul> <li>J = Estimated Value</li> <li>B = Analyte Found in Associated Method Blank</li> <li>* = indicates the duplicate analysis is not within control limits.</li> <li>E = Indicates the reported value is estimated because of the presence of interference.</li> </ul>
Q = indicates	LCS control criteria did r	not meet requirements		OR = Over Range N = Spiked sample recovery not within control limits
A995			55 o	of 63





OrderID: Client: Contact:	P4995 ENTACT Bryan Reyes			OrderDate: Project: Location:	11/25/2024 11:5 West Lake L61,VOA Ref. #			
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4995-02	02 001 TCLP				11/25/24			11/25/24
			TCLP ICP Metals TCLP Mercury	6010D 7470A		11/26/24 11/26/24	12/02/24 11/27/24	









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#### **Report of Analysis**

Client:	ENTA	СТ					Date Collected:	11/25/24 1	1:00
Project:	West L	Lake					Date Received:	11/25/24	
Client Sample ID:	001						SDG No.:	P4995	
Lab Sample ID:	P4995-	-02					Matrix:	Water	
							% Solid:	0	
Parameter	Conc. Q	ua.	DF N	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Parameter Flash Point	<b>Conc. Q</b> >212	ua.	<b>DF N</b> 1 0		LOQ / CRQL 0	Units o F	Prep Date	<b>Date Ana.</b> 12/03/24 09:15	
	>212	<b>)ua.</b> U	1 0				Prep Date		1010B
Flash Point Dissolved Hexavalent	>212 0.0030	-	1 0	) ).0030	0	o F	Prep Date	12/03/24 09:15	1010B
Flash Point Dissolved Hexavalent Chromium	>212 0.0030 7.65	U	1 0 1 0 1 0	) ).0030	0 0.010	o F mg/L	<b>Prep Date</b> 12/02/24 10:00	12/03/24 09:15 11/25/24 15:54	1010B 7196A 9040C
Flash Point Dissolved Hexavalent Chromium H	>212 0.0030 7.65 0.00099	U H	1 0 1 0 1 0 1 0	) ).0030 )	0 0.010 0	o F mg/L pH	-	12/03/24 09:15 11/25/24 15:54 11/26/24 09:22	1010B 7196A 9040C 9012B

Comments: Other method reference for flash point : Pensky-Martens Closed Cup Flash Point ASTM D 93 - IP 34, pH result reported at temperature

1005	50 ( 00
H = Sample Analysis Out Of Hold Time	N =Spiked sample recovery not within control limits
Q = indicates LCS control criteria did not meet requirements	OR = Over Range
D = Dilution	of interference.
LOD = Limit of Detection	E = Indicates the reported value is estimated because of the presence
MDL = Method Detection Limit	* = indicates the duplicate analysis is not within control limits.
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
U = Not Detected	J = Estimated Value

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OrderID: Client: Contact:	P4995 ENTACT Bryan Reyes			OrderDate: Project: Location:	11/25/2024 11:{ West Lake L61,VOA Ref. #			
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4995-02	001	Water			11/25/24 11:00			11/25/24
			Flash Point	1010B			12/03/24 09:15	
			Hexavalent Chromium	7196A			11/25/24 15:54	
			рН	9040C			11/26/24 09:22	
			Reactive Cyanide	9012B		12/02/24	12/02/24 12:35	
			Reactive Sulfide	9034		11/25/24	11/26/24 08:48	



# <u>SHIPPING</u> DOCUMENTS

13

	MIECH		(908) 789-8900 • Fax (908) 789-8922									Q	CHEMTECH PROJECT NO. QUOTE NO. PY995					2 13	
CHAIN OF C	USTODY RECORD				WWV	v.chem	tech	.net					C	COC Nu	mber 7	204	1832	2	13.
	CLIENT INFORMATION		CLIENT PROJECT INFORMATION									CLIENT BILLING INFORMATION							
COMPANY:	ENTACT		PROJECT NAME: West lake BILL TO: E								EN.	ENTACT PO#: E9074							
ADDRESS:	150 Bay street		PROJECT NO .: E9074 LOCATION: PISCURAWAY ADDRESS:								ESS:	150	Bay	1 9	reet	-			
100	CITY Jersey City STATE: NJ ZIP: 0730				AGER:				C	6				City			E: NJ	ZIP: 07302	,
ATTENTION:	2 2 2				us Gen;	2							U	~				418 3784	
	1 418 3784 FAX:				418 37								1			LYSIS		and and the	
	ATA TURNAROUND INFORM	ATION		-	TA DELIVE			ATION											
FAX (RUSH) HARDCOPY (DA EDD: *TO BE APPRO\ STANDARD HAP	DAYS* DAYS* DAYS* DAYS*	Level Level + Ra	2 (Resul 3 (Resul w Data) FORMAT		NJ Reduce	d 🗆 U	S EPA CI	LP	201	PRES	Purcht Purcht SERVA		Total Total	VOUS 8	/ /		DMMENTS		
CHEMTECH	PROJECT		SAMPLE	SAMPL TYPE		MPLE ECTION	BOTTLES										← Speci	fy Preservatives	
SAMPLE ID	SAMPLE IDENTIF		MATRIX	COMP		TIME	# OF BO	1	2	3	4	5	6	7	8	9	A-HCI B-HN03 C-H2SO4	D-NaOH E-ICE F-OTHER	
1.001			Water		11/25	1(100	1												
2. 00 2			water		11/25	11:00	1												
3. <b>073</b>			Water		11/25	11:00	1												
4.004			water		11/25	11:00	1												
5. 005			water		11/25	11:01	1												
6.006			Water		11/25	11:01	1												
7.					1														
8.																			
9.																			
10.																			
	And and a second s	TODY MUST BE DOC	UMENTED			the second s			and the second second	1. And 1. And 1.	_	-		and the second se	_	YE	CC		
RELINQUISHED BY	Reyes 11/25 11:20	PRECEIVED BY:	F		20 Condit	tions of bottles ents:	s or coole	rs at receij	pt: 🗆 (	OMPLIAN		I COMPLI/	ANT O	COOLER T	EMP	2.	3	°C	
2. RELINQUISHED BY		2. RECEIVED BY:	-					0112											
3.75	11-25-20				Page	of		CLIENT		Hand D		O D D Fie		d Sampling U YES NO					
P4995 <sup>023</sup>	P	WHITE - CHEMTE	CH COPY FO	R RETURN	TO CLIENT	61 <sup>v</sup> of	63 <sup>CHEN</sup>		_		SAMPLER	_				1			



# 13 13.2

#### Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488



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

#### LOGIN REPORT/SAMPLE TRANSFER

Order ID : Client Name : Client Contact : Invoice Name : Invoice Contact :		ENTACT Bryan Reyes ENTACT	ENTA05		Pro	ject Name :	11/25/2024 11:57:36 AM West Lake 11/25/2024 12:00:00 AM 12:15		EDD Type : ard Copy Date :	Analytical Summar Excel NJ	71	
LAB ID	CLIEN			MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	Date Signoff : METHOD		FAX DATE	DUE DATES
P4995-01		001		Water	11/25/2024	11:01	VOC-TCLVOA-10		8260D	10 Bus. Days		

**Relinguished By**: Date / Time : 🦷 -25-24 235

in **Received By :** 12:35 Date / Time : 11/25/2

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13.3

Storage Area : VOA Refridgerator Room