

## **DATA PACKAGE**

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

**PROJECT NAME : 540 DEGRAW ST, BROOKLYN, NY - E9309**

**ENTACT**

**606 E. Baltimore Pike**

**Floor 3**

**Media, PA - 19063**

**Phone No: 4844440702**

**ORDER ID : Q1609**

**ATTENTION : Jarod Stanfield**



**Laboratory Certification ID # 20012**



1) Signature Page	3
2) Case Narrative	5
2.1) TCLP VOA- Case Narrative	5
2.2) TCLP BNA- Case Narrative	7
2.3) TCLP Pesticide- Case Narrative	9
2.4) PCB- Case Narrative	11
2.5) TCLP Herbicide- Case Narrative	13
2.6) Metals-TCLP- Case Narrative	15
2.7) Genchem- Case Narrative	17
3) Qualifier Page	19
4) QA Checklist	21
5) TCLP VOA Data	22
6) TCLP BNA Data	26
7) TCLP Pesticide Data	33
8) PCB Data	38
9) TCLP Herbicide Data	42
10) Metals-TCLP Data	47
11) Genchem Data	51
12) Shipping Document	57
12.1) CHAIN OF CUSTODY	58
12.2) Lab Certificate	60

1
2
3
4
5
6
7
8
9
10
11
12

## Cover Page

**Order ID :** Q1609

**Project ID :** 540 Degraw St, Brooklyn, NY - E9309

**Client :** ENTACT

**Lab Sample Number**

Q1609-01  
Q1609-02  
Q1609-03  
Q1609-04

**Client Sample Number**

WC-SCRN-01-G  
WC-SCRN-01-C  
WC-SCRN-01-C  
WC-SCRN-01-C

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

Signature :

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:04 am, Apr 01, 2025*

Date: 4/1/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

2

Laboratory Name : Alliance Technical Group LLC Client : ENTACT

Project Location : Brooklyn, NY Project Number : E9309

Laboratory Sample ID(s) : Q1609 Sampling Date(s) : 03/19/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **1030,1311,1311,ZHE,160.4,1664A,6010D,7470A,8081B,8082A,8151A,8260D,8270E,9012B,9034,9045D,9071B,9095B,ASTM, SM2540 B, SM4500-NH3, SM5220 D**

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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1A	Were the method specified handling, preservation, and holding time requirements met?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> 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)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Were samples received at an appropriate temperature (4±2° C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?  b)Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No  <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: 540 Degraw St, Brooklyn, NY - E9309**

**Project # N/A**

**Chemtech Project # Q1609**

**Test Name: TCLP VOA**

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

4 Solid samples were received on 03/20/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, Corrosivity, Ignitability, Oil and Grease, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TS and TVS. This data package contains results for TCLP VOA.

### **C. Analytical Techniques:**

The analysis performed on instrument MSVOA\_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868. The 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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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:06 am, Apr 01, 2025*

## **CASE NARRATIVE**

### **ENTACT**

**Project Name: 540 Degraw St, Brooklyn, NY - E9309**

**Project # N/A**

**Chemtech Project # Q1609**

**Test Name: TCLP BNA**

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

4 Solid samples were received on 03/20/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, Corrosivity, Ignitability, Oil and Grease, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TS and TVS. 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 except for PB167261BL [Terphenyl-d14 - 133%], PB167233TB [2,4,6-Tribromophenol - 112%], PB167261BS [2,4,6-Tribromophenol - 111%], WC-SCRN-01-C [2,4,6-Tribromophenol - 117% and Terphenyl-d14 - 140%] , Recoveries are biased high therefore no corrective action was taken.

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 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:**

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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*By Nimisha Pandya, QA/QC Supervisor at 11:06 am, Apr 01, 2025*



## **CASE NARRATIVE**

### **ENTACT**

**Project Name: 540 Degraw St, Brooklyn, NY - E9309**

**Project # N/A**

**Chemtech Project # Q1609**

**Test Name: TCLP Pesticide**

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

4 Solid samples were received on 03/20/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, Corrosivity, Ignitability, Oil and Grease, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TS and TVS. This data package contains results for TCLP Pesticide.

### **C. Analytical Techniques:**

The analysis was performed on instrument ECD\_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df.; Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11. 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 for all compounds .

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.



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Phone: 908 789 8900 Fax: 908 789 8922

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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:06 am, Apr 01, 2025*

Signature \_\_\_\_\_

## **CASE NARRATIVE**

### **ENTACT**

**Project Name: 540 Degraw St, Brooklyn, NY - E9309**

**Project # N/A**

**Chemtech Project # Q1609**

**Test Name: PCB**

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

4 Solid samples were received on 03/20/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, Corrosivity, Ignitability, Oil and Grease, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TS and TVS. This data package contains results for PCB.

### **C. Analytical Techniques:**

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

### **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 for all compounds.

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 File ID PP070805.D met the requirements except for Aroclor-1260(Peak-05),Decachlorobiphenyl is failing in 2nd column. These compounds are failing by marginally however they are passed in 1st column therefore no corrective action was taken.



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**E. Additional Comments:**

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

**F. Manual Integration Comments:**

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

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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:07 am, Apr 01, 2025*

Signature\_\_\_\_\_

## **CASE NARRATIVE**

### **ENTACT**

**Project Name: 540 Degraw St, Brooklyn, NY - E9309**

**Project # N/A**

**Chemtech Project # Q1609**

**Test Name: TCLP Herbicide**

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

4 Solid samples were received on 03/20/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, Corrosivity, Ignitability, Oil and Grease, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TS and TVS. 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 #: 11324. The 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.

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 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:**



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

**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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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:07 am, Apr 01, 2025*

## **CASE NARRATIVE**

### **ENTACT**

**Project Name: 540 Degraw St, Brooklyn, NY - E9309**

**Project # N/A**

**Chemtech Project # Q1609**

**Test Name: TCLP Mercury, TCLP ICP Metals**

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

4 Solid samples were received on 03/20/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, Corrosivity, Ignitability, Oil and Grease, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TS and TVS. 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 (TP-5MS) analysis met criteria for all samples except for Barium due to chemical interference during Digestion Process.

The Matrix Spike Duplicate (TP-5MSD) analysis met criteria for all samples except for Barium due to chemical interference during Digestion Process.

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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Signature\_\_\_\_\_

**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:07 am, Apr 01, 2025*



## **CASE NARRATIVE**

### **ENTACT**

**Project Name: 540 Degraw St, Brooklyn, NY - E9309**

**Project # N/A**

**Chemtech Project # Q1609**

**Test Name: ASTM Ammonia,TS,Oil and Grease,Corrosivity,pH,Paint Filter,ASTM TS,TVS,ASTM COD,Ignitability,ASTM Oil and Grease,Reactive Cyanide,Reactive Sulfide**

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

4 Solid samples were received on 03/20/2025.

### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, Corrosivity, Ignitability, Oil and Grease, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TS and TVS. This data package contains results for ASTM Ammonia,TS,Oil and Grease,Corrosivity,pH,Paint Filter,ASTM TS,TVS,ASTM COD,Ignitability,ASTM Oil and Grease,Reactive Cyanide,Reactive Sulfide.

### **C. Analytical Techniques:**

The analysis of Ignitability was based on method 1030, The analysis of TVS was based on method 160.4, The analysis of ASTM Oil and Grease was based on method 1664A, The analysis of Reactive Cyanide was based on method 9012B, The analysis of Reactive Sulfide was based on method 9034, The analysis of Corrosivity,pH was based on method 9045D, The analysis of Oil and Grease was based on method 9071B, The analysis of Paint Filter was based on method 9095B, The analysis of ASTM TS,TS was based on method SM2540 B, The analysis of ASTM Ammonia was based on method SM4500-NH3 and The analysis of ASTM COD was based on method SM5220 D.

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

The Holding Times were met for all samples except for WC-SCRN-01-C of pH, for WC-SCRN-01-C of Corrosivity as these samples are received out of hold.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike (PIER-1-2MS) analysis met criteria for all samples except for Oil and Grease due to matrix interference.

The Matrix Spike Duplicate (PIER-1-2MSD) analysis met criteria for all samples except for Oil and Grease due to matrix interference.



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

**E. Additional Comments:**

As per method 1664A, MS/MSD is required to be performed with the sample analysis. However, Lab did not receive sufficient volume to perform the MS/MSD therefore MS/MSD were not performed for this project.

---

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**APPROVED**

*By Nimisha Pandya, QA/QC Supervisor at 11:07 am, Apr 01, 2025*

## DATA REPORTING QUALIFIERS- INORGANIC

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

<b>J</b>	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).
<b>U</b>	Indicates the analyte was analyzed for, but not detected.
<b>ND</b>	Indicates the analyte was analyzed for, but not detected
<b>E</b>	Indicates the reported value is estimated because of the presence of interference
<b>M</b>	Indicates Duplicate injection precision not met.
<b>N</b>	Indicates the spiked sample recovery is not within control limits.
<b>S</b>	Indicates the reported value was determined by the Method of Standard Addition (MSA).
<b>*</b>	Indicates that the duplicate analysis is not within control limits.
<b>+</b>	Indicates the correlation coefficient for the MSA is less than 0.995.
<b>D</b>	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
<b>M</b>	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
<b>OR</b>	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
<b>Q</b>	Indicates the LCS did not meet the control limits requirements
<b>H</b>	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
<b>U</b>	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.
<b>ND</b>	Indicates the analyte was analyzed for, but not detected
<b>J</b>	Indicates an estimated value. This flag is used: <ol style="list-style-type: none"> <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 flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.</li> </ol>
<b>B</b>	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
<b>E</b>	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
<b>D</b>	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
<b>P</b>	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”.
<b>N</b>	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.
<b>A</b>	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
<b>Q</b>	Indicates the LCS did not meet the control limits requirements

## APPENDIX A

### QA REVIEW GENERAL DOCUMENTATION

Project #: Q1609

Completed

For thorough review, the report must have the following:

#### GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

#### COVER PAGE:

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

✓

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

✓

#### CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

#### ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MOHAMMAD AHMED

Date: 04/01/2025

**Hit Summary Sheet**  
SW-846

SDG No.: Q1609

Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	WC-SCRN-01-G							
Q1609-01	WC-SCRN-01-G	TCLP	Trichloroethene	4.20	J	0.090	5.00	ug/L
			Total Voc :	4.20				
			Total Concentration:	4.20				

A

B

C

D



# SAMPLE DATA

## Report of Analysis

Client:	ENTACT	Date Collected:	03/19/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/20/25
Client Sample ID:	WC-SCRN-01-G	SDG No.:	Q1609
Lab Sample ID:	Q1609-01	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:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086061.D	1		03/21/25 23:43	VN032125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
75-01-4	Vinyl Chloride	0.26	U	0.26	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	5.00	ug/L
71-43-2	Benzene	0.15	U	0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	4.20	J	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
<b>SURROGATES</b>						
17060-07-0	1,2-Dichloroethane-d4	57.5		70 (74) - 130 (125)	115%	SPK: 50
1868-53-7	Dibromofluoromethane	50.9		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	50.8		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.0		70 (77) - 130 (121)	86%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	141000	8.224			
540-36-3	1,4-Difluorobenzene	263000	9.1			
3114-55-4	Chlorobenzene-d5	255000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	98600	13.788			

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



LAB CHRONICLE

OrderID:	Q1609	OrderDate:	3/20/2025 10:20:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	I51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1609-01	WC-SCRN-01-G	TCLP	TCLP VOA	8260D	03/19/25		03/21/25	03/20/25



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

**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q1609  
**Client:** ENTACT

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



# SAMPLE DATA

## Report of Analysis

Client:	ENTACT	Date Collected:	03/21/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/21/25
Client Sample ID:	PB167233TB	SDG No.:	Q1609
Lab Sample ID:	PB167233TB	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 :	Decanted : 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
BF142178.D	1	03/21/25 11:50	03/31/25 13:51	PB167261

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
<b>SURROGATES</b>						
367-12-4	2-Fluorophenol	138		15 (10) - 110 (139)	92%	SPK: 150
13127-88-3	Phenol-d6	133		15 (10) - 110 (134)	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.0		30 (49) - 130 (133)	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.4		30 (52) - 130 (132)	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	168	*	15 (44) - 110 (137)	112%	SPK: 150
1718-51-0	Terphenyl-d14	105		30 (48) - 130 (125)	105%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	118000	6.863			
1146-65-2	Naphthalene-d8	459000	8.145			
15067-26-2	Acenaphthene-d10	269000	9.904			
1517-22-2	Phenanthrene-d10	512000	11.392			
1719-03-5	Chrysene-d12	349000	14.033			
1520-96-3	Perylene-d12	289000	15.51			

## Report of Analysis

Client:	ENTACT		Date Collected:	03/21/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/21/25	
Client Sample ID:	PB167233TB		SDG No.:	Q1609	
Lab Sample ID:	PB167233TB		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 :		Decanted : 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
BF142178.D	1	03/21/25 11:50	03/31/25 13:51	PB167261

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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

## Report of Analysis

Client:	ENTACT		Date Collected:	03/19/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/20/25	
Client Sample ID:	WC-SCRN-01-C		SDG No.:	Q1609	
Lab Sample ID:	Q1609-03		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 :		Decanted : 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
BF142083.D	1	03/21/25 11:50	03/25/25 17:39	PB167261

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/L
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/L
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/L
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/L
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/L
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/L
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/L
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/L
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/L
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/L
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/L
<b>SURROGATES</b>						
367-12-4	2-Fluorophenol	141		15 (10) - 110 (139)	94%	SPK: 150
13127-88-3	Phenol-d6	134		15 (10) - 110 (134)	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	103		30 (49) - 130 (133)	103%	SPK: 100
321-60-8	2-Fluorobiphenyl	102		30 (52) - 130 (132)	102%	SPK: 100
118-79-6	2,4,6-Tribromophenol	175	*	15 (44) - 110 (137)	117%	SPK: 150
1718-51-0	Terphenyl-d14	140	*	30 (48) - 130 (125)	140%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	156000	6.875			
1146-65-2	Naphthalene-d8	601000	8.151			
15067-26-2	Acenaphthene-d10	342000	9.91			
1517-22-2	Phenanthrene-d10	587000	11.392			
1719-03-5	Chrysene-d12	277000	14.033			
1520-96-3	Perylene-d12	246000	15.51			

## Report of Analysis

Client:	ENTACT		Date Collected:	03/19/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/20/25	
Client Sample ID:	WC-SCRN-01-C		SDG No.:	Q1609	
Lab Sample ID:	Q1609-03		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 :		Decanted : 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
BF142083.D	1	03/21/25 11:50	03/25/25 17:39	PB167261

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
------------	-----------	-------	-----------	-----	------------	-------

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
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 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

### LAB CHRONICLE

<b>OrderID:</b>	Q1609	<b>OrderDate:</b>	3/20/2025 10:20:00 AM
<b>Client:</b>	ENTACT	<b>Project:</b>	540 Degraw St, Brooklyn, NY - E9309
<b>Contact:</b>	Jarod Stanfield	<b>Location:</b>	I51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1609-03	WC-SCRN-01-C	TCLP	TCLP BNA	8270E	03/19/25	03/21/25	03/25/25	03/20/25



**Hit Summary Sheet**  
**SW-846**

A

B

C

D

<b>SDG No.:</b>	<b>Q1609</b>	<b>Order ID:</b>	<b>Q1609</b>
<b>Client:</b>	<b>ENTACT</b>	<b>Project ID:</b>	<b>540 Degraw St, Brooklyn, NY - E9309</b>

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

**Total Concentration: 0.000**



# SAMPLE DATA

## Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/25/25	
Client Sample ID:	PB167233TB		SDG No.:	Q1609	
Lab Sample ID:	PB167233TB		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094854.D	1	03/25/25 12:40	03/25/25 19:58	PB167311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
<b>SURROGATES</b>						
2051-24-3	Decachlorobiphenyl	20.8		30 (43) - 150 (140)	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.6		30 (77) - 150 (126)	98%	SPK: 20

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

Client:	ENTACT		Date Collected:	03/19/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/20/25	
Client Sample ID:	WC-SCRN-01-C		SDG No.:	Q1609	
Lab Sample ID:	Q1609-03		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094856.D	1	03/25/25 12:40	03/25/25 20:26	PB167311

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
58-89-9	gamma-BHC (Lindane)	0.037	U	0.037	0.50	ug/L
76-44-8	Heptachlor	0.027	U	0.027	0.50	ug/L
1024-57-3	Heptachlor epoxide	0.096	U	0.096	0.50	ug/L
72-20-8	Endrin	0.032	U	0.032	0.50	ug/L
72-43-5	Methoxychlor	0.11	U	0.11	0.50	ug/L
8001-35-2	Toxaphene	1.70	U	1.70	10.0	ug/L
57-74-9	Chlordane	0.88	U	0.88	5.00	ug/L
<b>SURROGATES</b>						
2051-24-3	Decachlorobiphenyl	23.3		30 (43) - 150 (140)	116%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.1		30 (77) - 150 (126)	105%	SPK: 20

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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() = Laboratory InHouse Limit

## LAB CHRONICLE

<b>OrderID:</b>	Q1609	<b>OrderDate:</b>	3/20/2025 10:20:00 AM
<b>Client:</b>	ENTACT	<b>Project:</b>	540 Degraw St, Brooklyn, NY - E9309
<b>Contact:</b>	Jarod Stanfield	<b>Location:</b>	I51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q1609-02</b>	<b>WC-SCRN-01-C</b>	<b>SOIL</b>	PCB	8082A	<b>03/19/25</b>	03/21/25	03/21/25	<b>03/20/25</b>
<b>Q1609-03</b>	<b>WC-SCRN-01-C</b>	<b>TCLP</b>	TCLP Pesticide	8081B	<b>03/19/25</b>	03/25/25	03/25/25	<b>03/20/25</b>

Hit Summary Sheet  
SW-846

A

B

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SDG No.:	Q1609	Order ID:	Q1609
Client:	ENTACT	Project ID:	540 Degraw St, Brooklyn, NY - E9309

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

Total Concentration: 0.000



# SAMPLE DATA

## Report of Analysis

Client:	ENTACT		Date Collected:	03/19/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/20/25	
Client Sample ID:	WC-SCRN-01-C		SDG No.:	Q1609	
Lab Sample ID:	Q1609-02		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	91.8	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP070799.D	1	03/21/25 08:36	03/21/25 13:10	PB167252

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	4.30	U	4.30	18.5	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.5	ug/kg
11141-16-5	Aroclor-1232	4.00	U	4.00	18.5	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.5	ug/kg
12672-29-6	Aroclor-1248	6.40	U	6.40	18.5	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	18.5	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.5	ug/kg
11100-14-4	Aroclor-1268	3.90	U	3.90	18.5	ug/kg
11096-82-5	Aroclor-1260	3.50	U	3.50	18.5	ug/kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	22.6		30 (32) - 150 (144)	113%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		30 (32) - 150 (175)	108%	SPK: 20

### Comments:

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LOQ = Limit of Quantitation

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E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

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N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit



LAB CHRONICLE

OrderID:	Q1609	OrderDate:	3/20/2025 10:20:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	I51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1609-02	WC-SCRN-01-C	SOIL	PCB	8082A	03/19/25	03/21/25	03/21/25	03/20/25

**Hit Summary Sheet**  
SW-846

A

B

C

D

<b>SDG No.:</b>	<b>Q1609</b>	<b>Order ID:</b>	<b>Q1609</b>
<b>Client:</b>	<b>ENTACT</b>	<b>Project ID:</b>	<b>540 Degraw St, Brooklyn, NY - E9309</b>

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

**Total Concentration: 0.000**



# SAMPLE DATA

## Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/25/25	
Client Sample ID:	PB167233TB		SDG No.:	Q1609	
Lab Sample ID:	PB167233TB		Matrix:	TCLP	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029598.D	1	03/25/25 12:23	03/28/25 03:15	PB167312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
<b>SURROGATES</b>						
19719-28-9	2,4-DCAA	495		70 (39) - 130 (175)	99%	SPK: 500

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

## Report of Analysis

Client:	ENTACT		Date Collected:	03/19/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/20/25	
Client Sample ID:	WC-SCRN-01-C		SDG No.:	Q1609	
Lab Sample ID:	Q1609-03		Matrix:	TCLP	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029566.D	1	03/25/25 12:23	03/27/25 13:37	PB167312

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
94-75-7	2,4-D	9.20	U	9.20	20.0	ug/L
93-72-1	2,4,5-TP (Silvex)	7.80	U	7.80	20.0	ug/L
<b>SURROGATES</b>						
19719-28-9	2,4-DCAA	483		70 (39) - 130 (175)	97%	SPK: 500

### Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates &gt;25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

\* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

### LAB CHRONICLE

<b>OrderID:</b>	Q1609	<b>OrderDate:</b>	3/20/2025 10:20:00 AM
<b>Client:</b>	ENTACT	<b>Project:</b>	540 Degraw St, Brooklyn, NY - E9309
<b>Contact:</b>	Jarod Stanfield	<b>Location:</b>	I51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q1609-02</b>	<b>WC-SCRN-01-C</b>	<b>SOIL</b>	PCB	8082A	<b>03/19/25</b>	03/21/25	03/21/25	<b>03/20/25</b>
<b>Q1609-03</b>	<b>WC-SCRN-01-C</b>	<b>TCLP</b>	TCLP Herbicide	8151A	<b>03/19/25</b>	03/25/25	03/27/25	<b>03/20/25</b>
			TCLP Pesticide	8081B		03/25/25	03/25/25	

### Hit Summary Sheet SW-846

<b>SDG No.:</b>	Q1609	<b>Order ID:</b>	Q1609
<b>Client:</b>	ENTACT	<b>Project ID:</b>	540 Degraw St, Brooklyn, NY - E9309

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
<b>Client ID : WC-SCRN-01-C</b>								
Q1609-03	WC-SCRN-01-C	TCLP	Barium	698		62.8	500	ug/L
Q1609-03	WC-SCRN-01-C	TCLP	Cadmium	2.18	J	0.94	30.0	ug/L
Q1609-03	WC-SCRN-01-C	TCLP	Lead	46.2	J	35.1	60.0	ug/L



# SAMPLE DATA



## Report of Analysis

Client:	ENTACT	Date Collected:	03/19/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/20/25
Client Sample ID:	WC-SCRN-01-C	SDG No.:	Q1609
Lab Sample ID:	Q1609-03	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	34.8	U	1	34.8	100	ug/L	03/21/25 12:05	03/24/25 15:53	SW6010	SW3050
7440-39-3	Barium	698	N	1	62.8	500	ug/L	03/21/25 12:05	03/24/25 15:53	SW6010	SW3050
7440-43-9	Cadmium	2.18	J	1	0.94	30.0	ug/L	03/21/25 12:05	03/24/25 15:53	SW6010	SW3050
7440-47-3	Chromium	6.60	U	1	6.60	50.0	ug/L	03/21/25 12:05	03/24/25 15:53	SW6010	SW3050
7439-92-1	Lead	46.2	J	1	35.1	60.0	ug/L	03/21/25 12:05	03/24/25 15:53	SW6010	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	03/21/25 11:58	03/24/25 09:08	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	03/21/25 12:05	03/24/25 15:53	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	03/21/25 12:05	03/24/25 15:53	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP-FULL			

U = Not Detected  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
D = Dilution  
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
\* = indicates the duplicate analysis is not within control limits.  
E = Indicates the reported value is estimated because of the presence of interference.  
OR = Over Range  
N =Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q1609	OrderDate:	3/20/2025 10:20:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	I51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1609-03	WC-SCRN-01-C	TCLP			03/19/25			03/20/25
			TCLP ICP Metals	6010D		03/21/25	03/24/25	
			TCLP Mercury	7470A		03/21/25	03/24/25	



# SAMPLE DATA

## Report of Analysis

Client:	ENTACT	Date Collected:	03/19/25 13:30
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/20/25
Client Sample ID:	WC-SCRN-01-C	SDG No.:	Q1609
Lab Sample ID:	Q1609-02	Matrix:	SOIL
		% Solid:	91.8

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Oil and Grease	272		1	6.32	27.2	mg/Kg		03/25/25 09:30	SW9071B
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		03/24/25 09:15	9095B
pH	8.85	H	1	0	0	pH		03/20/25 17:00	9045D
TS	92.3		1	1.00	5.00	%		03/20/25 11:00	SM 2540 B-15
TVS	20.2		1	1.00	10.0	%		03/20/25 16:00	160.4

Comments: pH result reported at temperature 23.4 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

## Report of Analysis

Client:	ENTACT	Date Collected:	03/19/25 13:30
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/20/25
Client Sample ID:	WC-SCRN-01-C	SDG No.:	Q1609
Lab Sample ID:	Q1609-03	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	8.85	H	1	0	0	pH		03/20/25 17:00	9045D
Ignitability	NO		1	0	0	oC		03/24/25 17:02	1030
Reactive Cyanide	0.0084	U	1	0.0084	0.050	mg/Kg	03/20/25 14:10	03/20/25 16:32	9012B
Reactive Sulfide	1.59	J	1	0.20	10.0	mg/Kg	03/21/25 10:10	03/21/25 13:00	9034

Comments: pH result reported at temperature 23.4 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

## Report of Analysis

Client:	ENTACT	Date Collected:	03/19/25 13:30
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/20/25
Client Sample ID:	WC-SCRN-01-C	SDG No.:	Q1609
Lab Sample ID:	Q1609-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
ASTM Ammonia	0.030	U	1	0.030	0.10	mg/L	03/24/25 12:00	03/26/25 09:23	SM 4500-NH3 B plus NH3 G-11
ASTM COD	17.7		1	1.50	10.0	mg/L		03/24/25 17:07	SM 5220 D-11
ASTM Oil and Grease	0.30	J	1	0.29	5.00	mg/L		03/24/25 11:10	SW1664A
ASTM TS	20.0		1	1.00	5.00	mg/L		03/24/25 12:00	SM 2540 B-15

Comments:

U = Not Detected  
LOQ = Limit of Quantitation  
MDL = Method Detection Limit  
LOD = Limit of Detection  
D = Dilution  
Q = indicates LCS control criteria did not meet requirements  
H = Sample Analysis Out Of Hold Time

J = Estimated Value  
B = Analyte Found in Associated Method Blank  
\* = indicates the duplicate analysis is not within control limits.  
E = Indicates the reported value is estimated because of the presence of interference.  
OR = Over Range  
N = Spiked sample recovery not within control limits

## LAB CHRONICLE

<b>OrderID:</b>	Q1609	<b>OrderDate:</b>	3/20/2025 10:20:00 AM
<b>Client:</b>	ENTACT	<b>Project:</b>	540 Degraw St, Brooklyn, NY - E9309
<b>Contact:</b>	Jarod Stanfield	<b>Location:</b>	I51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q1609-02</b>	<b>WC-SCRN-01-C</b>	<b>SOIL</b>			<b>03/19/25 13:30</b>			<b>03/20/25</b>
			Oil and Grease	9071B			03/25/25 09:30	
			Paint Filter	9095B			03/24/25 09:15	
			pH	9045D			03/20/25 17:00	
			TS	SM2540 B			03/20/25 11:00	
			TVS	160.4			03/20/25 16:00	
<b>Q1609-03</b>	<b>WC-SCRN-01-C</b>	<b>SOIL</b>			<b>03/19/25 13:30</b>			<b>03/20/25</b>
			Corrosivity	9045D			03/20/25 17:00	
			Ignitability	1030			03/24/25 17:02	
			Reactive Cyanide	9012B		03/20/25	03/20/25 16:32	
			Reactive Sulfide	9034		03/21/25	03/21/25 13:00	
<b>Q1609-04</b>	<b>WC-SCRN-01-C</b>	<b>WATER</b>			<b>03/19/25 13:30</b>			<b>03/20/25</b>
			ASTM Ammonia	SM4500-NH3		03/24/25	03/26/25 09:23	
			ASTM COD	SM5220 D			03/24/25 17:07	
			ASTM Oil and Grease	1664A			03/24/25 11:10	

**LAB CHRONICLE**

ASTM TS	SM2540 B	03/24/25 12:00
---------	----------	-------------------





# SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092

(908) 789-8900 Fax: (908) 788-9222

www.chemtech.net

## CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1609

COC Number: 2042111

Page 1 of 2

12

12.1

## CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY: Jersey City STATE: NJ ZIP: 07302

ATTENTION: Jarod Stanfield

PHONE: 570-886-0442

FAX:

## PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Jarod Stanfield

E-MAIL: jstanfield@entact.com

PHONE: 570-886-0442

FAX:

## BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

## ANALYSIS

TCLP VOCs	TCLP ICP Metals	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH	I/C/R	PCBs	Oil & Grease
1	2	3	4	5	6	7	8	9

## DATA TURNAROUND INFORMATION

FAX: 5 DAYS\*  
HARD COPY: 5 DAYS\*  
EDD 5 DAYS\*  
\* TO BE APPROVED BY ALLIANCE  
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

## DATA DELIVERABLE INFORMATION

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

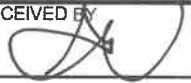
## PRESERVATIVES

## COMMENTS

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

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	E	E	E	E	E	E	E	E	E	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	WC-SCRN-01-G	Soil		X	3/19	13:30	1	X									
2.	WC-SCRN-01-C	Soil	X		3/19	13:30	11		X	X	X	X	X	X	X	X	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER 1. Jarod Stanfield	DATE/TIME 3/19 15:30	RECEIVED BY 1.  3-20-25 0830	Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp 3.0 <input type="checkbox"/> Ice in Cooler?: _____
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	Comments:
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.	SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight ALLIANCE: <input type="checkbox"/> Picked Up <input type="checkbox"/> Overnight Shipment Complete <input type="checkbox"/> YES <input type="checkbox"/> NO

Page \_\_\_\_\_ of \_\_\_\_\_

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT

YELLOW - ALLIANCE COPY

PINK - SAMPLER COPY

Q1609

58 of 60



284 Sheffield Street, Mountainside, NJ 07092

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## CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q1609

COC Number: 2042111

Page 2 of 2

## CLIENT INFORMATION

COMPANY: ENTACT, LLC

ADDRESS: 150 Bay Street, Suite 806

CITY Jersey City STATE: NJ ZIP: 07302

ATTENTION: Jarod Stanfield

PHONE: 570-886-0442

FAX:

## PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY

PROJECT #: E9309 LOCATION: Brooklyn, NY

PROJECT MANAGER: Jarod Stanfield

E-MAIL: jstanfield@entact.com

PHONE: 570-886-0442

FAX:

## BILLING INFORMATION

BILL TO: ENTACT, LLC

PO# E9309

ADDRESS: 999 Oakmont Plaza Drive, Suite 300

CITY: Westmont

STATE: IL ZIP: 60559

ATTENTION: Wendy Murray

PHONE: 800-936-8228

## ANALYSIS

ASTM COD	ASTM Ammonia-Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH	Paint Filter		
10	11	12	13	14	15	16		

## PRESERVATIVES

## COMMENTS

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

## DATA TURNAROUND INFORMATION

FAX: 5 DAYS\*  
HARD COPY: 5 DAYS\*  
EDD 5 DAYS\*

\* TO BE APPROVED BY ALLIANCE

STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

## DATA DELIVERABLE INFORMATION

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

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles										
			COMP	GRAB	DATE	TIME		E	E	E	E	E	E				
1.	WC-SCRN-01-G	Soil		X	3/19	13:30	1										
2.	WC-SCRN-01-C	Soil	X		3/19	13:30	11	X	X	X	X	X	X	X			
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER 1. Jarod Stanfield	DATE/TIME 3/19 15:30	RECEIVED BY 1.  3-20-25 0830	Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp 3.0 <input type="checkbox"/> Ice in Cooler?:
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.	Comments:
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.	SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight ALLIANCE: <input type="checkbox"/> Picked Up <input type="checkbox"/> Overnight Shipment Complete <input type="checkbox"/> YES <input type="checkbox"/> NO

### 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