

## **DATA PACKAGE**

GENERAL CHEMISTRY  
METALS  
GC SEMI-VOLATILES  
SEMI-VOLATILE ORGANICS  
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 : Q1929**

**ATTENTION : Jarod Stanfield**



**Laboratory Certification ID # 20012**



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## Cover Page

**Order ID :** Q1929

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

**Client :** ENTACT

### Lab Sample Number

Q1929-01  
Q1929-02  
Q1929-03  
Q1929-04  
Q1929-05  
Q1929-06  
Q1929-07  
Q1929-08  
Q1929-09  
Q1929-10  
Q1929-11  
Q1929-12  
Q1929-14  
Q1929-15  
Q1929-16

### Client Sample Number

WC-A4-02-G  
WC-A4-02-C  
WC-A4-02-C  
WC-A4-02-C  
WC-A1-03-G  
WC-A1-03-C  
WC-A1-03-C  
WC-A1-03-C  
WC-A1-04-G  
WC-A1-04-C  
WC-A1-04-C  
WC-A1-04-C  
WC-A1-04-C  
WC-A4-02-C  
WC-A1-03-C  
WC-A1-04-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 : \_\_\_\_\_

Date: 5/9/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

Laboratory Name : Alliance Technical Group LLC Client : ENTACT  
 Project Location : Brooklyn, NY Project Number : E9309  
 Laboratory Sample ID(s) : Q1929 Sampling Date(s) : 04/29/2025,04/30/2025  
 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**

**Order ID # Q1929**

**Test Name: TCLP VOA**

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

12 Solid samples were received on 05/01/2025.

### **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, TCLP Metals Group2, 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 performed on instrument MSVOA\_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of TCLP VOA was based on method 8260D and TCLP extraction method was 1311.

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

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for WC-A1-03-G [Dibromofluoromethane - 47%], WC-A1-03-GRE [Dibromofluoromethane - 22%], WC-A1-04-GRE [Dibromofluoromethane - 33%], These compounds did not meet the NJDKQP criteria and in-house criteria. For WC-A1-04-G [Dibromofluoromethane - 73%], This compound meet the NJDKQP criteria but did not met the in-house criteria. Samples are reanalyzed to confirm results. Original and Reanalysis both are reported.

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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## CASE NARRATIVE

### ENTACT

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

**Project # N/A**

**Order ID # Q1929**

**Test Name: TCLP BNA**

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

15 Solid samples were received on 05/01/2025.

### **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, TCLP Metals Group2, 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 df. The samples were analyzed on instrument BNA\_M using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GG. The samples were analyzed on instrument BNA\_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GG. The 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 WC-A1-03-C [2,4,6-Tribromophenol - 118%], WC-A1-04-C [2,4 and 6-Tribromophenol - 119%]. These compounds did not meet the NJDKQP criteria but met the in-house criteria .

The Internal Standards Areas met the acceptable requirements except for WC-A1-03-C which is not associated for required compounds, therefore no corrective action was taken.

The Retention Times were acceptable for all samples.

The MS {Q1916-04MS} with File ID: BF142284.D recoveries met the requirements for all compounds except for Pyridine[0%] due to matrix interference.

The MSD {Q1916-04MSD} with File ID: BF142285.D recoveries met the acceptable requirements except for Pyridine[0%] 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 % RSD is greater than 20% in the Initial Calibration (8270-BF043025.M) for 2,4-Dinitrotoluene, this compound is passing on Linear Regression.  
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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## CASE NARRATIVE

### ENTACT

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

**Project # N/A**

**Order ID # Q1929**

**Test Name: TCLP Pesticide**

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

12 Solid samples were received on 05/01/2025.

### **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, TCLP Metals Group2, TS and TVS. This data package contains results for TCLP Pesticide.

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

The analysis was performed on instrument ECD\_D. 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:**



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

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

**Project # N/A**

**Order ID# Q1929**

**Test Name: PCB**

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

12 Solid samples were received on 05/01/2025.

### **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, TCLP Metals Group2, 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 met the requirements .

### **E. Additional Comments:**

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

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



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## CASE NARRATIVE

### ENTACT

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

**Project # N/A**

**Order ID # Q1929**

**Test Name: TCLP Herbicide**

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

12 Solid samples were received on 05/01/2025.

#### **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, TCLP Metals Group2, 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 except for B-167-SB01MS [2,4-DCAA(1) - 138%], B-167-SB01MSD [2,4-DCAA(1) - 138%], WC-A4-02-C [2,4-DCAA(2) - 62%], WC-A1-04-C [2 and 4-DCAA(2) - 59%]. These compounds did not meet the NJDKQP criteria but met the in-house criteria .

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD {Q1901-08MSD} with File ID: PS030064.D recoveries met the acceptable requirements except for 2,4,5-TP(Silvex)[132%] and 2,4-D[134%] . These compounds did not meet the NJDKQP criteria but met the in-house criteria .

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 .



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

**Project # N/A**

**Order ID # Q1929**

**Test Name: TCLPMetals Group2,TCLP Mercury**

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

12 Solid samples were received on 05/01/2025.

#### **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, TCLPMetals Group2, TS and TVS. This data package contains results for TCLPMetals Group2,TCLP Mercury.

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

The analysis of TCLPMetals Group2 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 (MH-MMMSD) analysis met criteria for all samples except for Mercury due to matrix interference.

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

### ENTACT

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

**Project # N/A**

**Order ID # Q1929**

**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:**

12 Solid samples were received on 05/01/2025.

#### **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, TCLP Metals Group2, 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-A1-03-C of Corrosivity, for WC-A1-04-C of Corrosivity.for WC-A4-02-C of Corrosivity. As these samples received out of hold.

The Blank Spike met requirements for all samples.

The Duplicate (WC-12DUP) analysis met criteria for all samples except for Reactive Cyanide but sample and Duplicate results are below reporting limit.

The Matrix Spike (WC-A4-02-CMS) analysis met criteria for all samples except for ASTM Ammonia due to matrix interference.



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:**

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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## DATA REPORTING QUALIFIERS- INORGANIC

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

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

## DATA REPORTING QUALIFIERS- ORGANIC

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

Value	If the result is a value greater than or equal to the detection limit, report the value
<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: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
<b>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 #: Q1929

Completed

For thorough review, the report must have the following:

**GENERAL:**

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

**COVER PAGE:**

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

✓

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

✓

**CHAIN OF CUSTODY:**

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

**ANALYTICAL:**

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 05/09/2025

**Hit Summary Sheet**  
SW-846

SDG No.: Q1929  
Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
<b>Client ID:</b> Q1929-01	<b>WC-A4-02-G</b> WC-A4-02-G	TCLP	Benzene	15.4		0.15	5.00	ug/L
			<b>Total Voc :</b>	15.4				
			<b>Total Concentration:</b>	15.4				
<b>Client ID:</b> Q1929-05	<b>WC-A1-03-G</b> WC-A1-03-G	TCLP	Benzene	77.1		0.15	5.00	ug/L
			<b>Total Voc :</b>	77.1				
			<b>Total Concentration:</b>	77.1				
<b>Client ID:</b> Q1929-05RE	<b>WC-A1-03-GRE</b> WC-A1-03-GRE	TCLP	Benzene	60.3		0.15	5.00	ug/L
			<b>Total Voc :</b>	60.3				
			<b>Total Concentration:</b>	60.3				
<b>Client ID:</b> Q1929-09	<b>WC-A1-04-G</b> WC-A1-04-G	TCLP	Benzene	8.80		0.15	5.00	ug/L
			<b>Total Voc :</b>	8.80				
			<b>Total Concentration:</b>	8.80				
<b>Client ID:</b> Q1929-09RE	<b>WC-A1-04-GRE</b> WC-A1-04-GRE	TCLP	Benzene	7.40		0.15	5.00	ug/L
			<b>Total Voc :</b>	7.40				
			<b>Total Concentration:</b>	7.40				



# SAMPLE DATA

### Report of Analysis

Client:	ENTACT		Date Collected:	04/29/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/01/25	
Client Sample ID:	WC-A4-02-G		SDG No.:	Q1929	
Lab Sample ID:	Q1929-01		Matrix:	TCLP	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:			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
VX046027.D	1		05/02/25 15:01	VX050225

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	15.4		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	0.090	U	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	53.5		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	40.9		70 (75) - 130 (124)	82%	SPK: 50
2037-26-5	Toluene-d8	51.3		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.5		70 (77) - 130 (121)	107%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	63800	5.55			
540-36-3	1,4-Difluorobenzene	124000	6.757			
3114-55-4	Chlorobenzene-d5	116000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	53200	12.024			

U = Not Detected

LOQ = Limit of Quantitation

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E = Value Exceeds Calibration Range

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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

### Report of Analysis

Client:	ENTACT		Date Collected:	04/30/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/01/25	
Client Sample ID:	WC-A1-03-G		SDG No.:	Q1929	
Lab Sample ID:	Q1929-05		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
VX046028.D	1		05/02/25 15:25	VX050225

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	77.1		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	0.090	U	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	53.5		70 (74) - 130 (125)	107%	SPK: 50
1868-53-7	Dibromofluoromethane	23.4	*	70 (75) - 130 (124)	47%	SPK: 50
2037-26-5	Toluene-d8	50.3		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.4		70 (77) - 130 (121)	111%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	64500	5.544			
540-36-3	1,4-Difluorobenzene	128000	6.757			
3114-55-4	Chlorobenzene-d5	121000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	55500	12.018			

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\* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	ENTACT		Date Collected:	04/30/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/01/25	
Client Sample ID:	WC-A1-03-GRE		SDG No.:	Q1929	
Lab Sample ID:	Q1929-05RE		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
VN086489.D	1		05/05/25 16:25	VN050525

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	60.3		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	0.090	U	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	49.3		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	10.9	*	70 (75) - 130 (124)	22%	SPK: 50
2037-26-5	Toluene-d8	51.8		70 (86) - 130 (113)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.5		70 (77) - 130 (121)	107%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	146000	8.224			
540-36-3	1,4-Difluorobenzene	281000	9.1			
3114-55-4	Chlorobenzene-d5	276000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	128000	13.788			

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A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	ENTACT		Date Collected:	04/30/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/01/25	
Client Sample ID:	WC-A1-04-G		SDG No.:	Q1929	
Lab Sample ID:	Q1929-09		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
VX046029.D	1		05/02/25 15:48	VX050225

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	8.80		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	0.090	U	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	51.1		70 (74) - 130 (125)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	36.6		70 (75) - 130 (124)	73%	SPK: 50
2037-26-5	Toluene-d8	50.7		70 (86) - 130 (113)	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.4		70 (77) - 130 (121)	111%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	64500	5.544			
540-36-3	1,4-Difluorobenzene	125000	6.757			
3114-55-4	Chlorobenzene-d5	118000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	54300	12.018			

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A = Aldol-Condensation Reaction Products

### Report of Analysis

Client:	ENTACT		Date Collected:	04/30/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/01/25	
Client Sample ID:	WC-A1-04-GRE		SDG No.:	Q1929	
Lab Sample ID:	Q1929-09RE		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
VN086490.D	1		05/05/25 16:49	VN050525

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	7.40		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	0.090	U	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	49.8		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	16.4	*	70 (75) - 130 (124)	33%	SPK: 50
2037-26-5	Toluene-d8	51.5		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		70 (77) - 130 (121)	103%	SPK: 50
<b>INTERNAL STANDARDS</b>						
363-72-4	Pentafluorobenzene	132000	8.218			
540-36-3	1,4-Difluorobenzene	251000	9.1			
3114-55-4	Chlorobenzene-d5	237000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	110000	13.788			

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A = Aldol-Condensation Reaction Products

### LAB CHRONICLE

<b>OrderID:</b> Q1929	<b>OrderDate:</b> 5/1/2025 12:26:00 PM
<b>Client:</b> ENTACT	<b>Project:</b> 540 Degraw St, Brooklyn, NY - E9309
<b>Contact:</b> Jarod Stanfield	<b>Location:</b> L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1929-01	WC-A4-02-G	TCLP	TCLP VOA	8260D	04/29/25		05/02/25	05/01/25
Q1929-05	WC-A1-03-G	TCLP	TCLP VOA	8260D	04/30/25		05/02/25	05/01/25
Q1929-05RE	WC-A1-03-GRE	TCLP	TCLP VOA	8260D	04/30/25		05/05/25	05/01/25
Q1929-09	WC-A1-04-G	TCLP	TCLP VOA	8260D	04/30/25		05/02/25	05/01/25
Q1929-09RE	WC-A1-04-GRE	TCLP	TCLP VOA	8260D	04/30/25		05/05/25	05/01/25



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

### Hit Summary Sheet SW-846

SDG No.: Q1929  
Client: ENTACT

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Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :				0.000				
			<b>Total Svoc :</b>			<b>0.00</b>		
			<b>Total Concentration:</b>			<b>0.00</b>		



# SAMPLE DATA

### Report of Analysis

Client:	ENTACT	Date Collected:	05/02/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/02/25
Client Sample ID:	PB167815TB	SDG No.:	Q1929
Lab Sample ID:	PB167815TB	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
BM050097.D	1	05/02/25 11:10	05/05/25 12:57	PB167847

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	137		15 (10) - 110 (139)	91%	SPK: 150
13127-88-3	Phenol-d6	134		15 (10) - 110 (134)	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	81.5		30 (49) - 130 (133)	81%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.3		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	148		15 (44) - 110 (137)	98%	SPK: 150
1718-51-0	Terphenyl-d14	95.0		30 (48) - 130 (125)	95%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	249000	7.745			
1146-65-2	Naphthalene-d8	869000	10.545			
15067-26-2	Acenaphthene-d10	612000	14.398			
1517-22-2	Phenanthrene-d10	1240000	17.145			
1719-03-5	Chrysene-d12	1110000	21.386			
1520-96-3	Perylene-d12	1190000	24.385			



### Report of Analysis

Client:	ENTACT	Date Collected:	04/29/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A4-02-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-03	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
BF142293.D	1	05/02/25 12:15	05/02/25 21:11	PB167847

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	117		15 (10) - 110 (139)	78%	SPK: 150
13127-88-3	Phenol-d6	109		15 (10) - 110 (134)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	96.9		30 (49) - 130 (133)	97%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.9		30 (52) - 130 (132)	77%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		15 (44) - 110 (137)	96%	SPK: 150
1718-51-0	Terphenyl-d14	85.1		30 (48) - 130 (125)	85%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	198000	6.904			
1146-65-2	Naphthalene-d8	757000	8.187			
15067-26-2	Acenaphthene-d10	397000	9.939			
1517-22-2	Phenanthrene-d10	651000	11.428			
1719-03-5	Chrysene-d12	383000	14.063			
1520-96-3	Perylene-d12	301000	15.551			

### Report of Analysis

Client:	ENTACT	Date Collected:	04/29/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A4-02-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-03	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
BF142293.D	1	05/02/25 12:15	05/02/25 21:11	PB167847

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:	04/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-03-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-07	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
BP024532.D	1	05/02/25 11:10	05/05/25 19:28	PB167847

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	128		15 (10) - 110 (139)	85%	SPK: 150
13127-88-3	Phenol-d6	102		15 (10) - 110 (134)	68%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.0		30 (49) - 130 (133)	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	93.0		30 (52) - 130 (132)	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	177	*	15 (44) - 110 (137)	118%	SPK: 150
1718-51-0	Terphenyl-d14	95.2		30 (48) - 130 (125)	95%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	134000		7.71		
1146-65-2	Naphthalene-d8	525000		10.481		
15067-26-2	Acenaphthene-d10	307000		14.339		
1517-22-2	Phenanthrene-d10	670000		17.139		
1719-03-5	Chrysene-d12	845000		21.592		
1520-96-3	Perylene-d12	480000		24.921		



### Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-04-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-11	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
BP024533.D	1	05/02/25 11:10	05/05/25 20:09	PB167847

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	125		15 (10) - 110 (139)	83%	SPK: 150
13127-88-3	Phenol-d6	101		15 (10) - 110 (134)	67%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.1		30 (49) - 130 (133)	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.3		30 (52) - 130 (132)	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	179	*	15 (44) - 110 (137)	119%	SPK: 150
1718-51-0	Terphenyl-d14	97.9		30 (48) - 130 (125)	98%	SPK: 100
<b>INTERNAL STANDARDS</b>						
3855-82-1	1,4-Dichlorobenzene-d4	145000		7.71		
1146-65-2	Naphthalene-d8	562000		10.481		
15067-26-2	Acenaphthene-d10	360000		14.345		
1517-22-2	Phenanthrene-d10	778000		17.139		
1719-03-5	Chrysene-d12	946000		21.592		
1520-96-3	Perylene-d12	911000		24.921		

### Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-04-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-11	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
BP024533.D	1	05/02/25 11:10	05/05/25 20:09	PB167847

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

### LAB CHRONICLE

<b>OrderID:</b> Q1929	<b>OrderDate:</b> 5/1/2025 12:26:00 PM
<b>Client:</b> ENTACT	<b>Project:</b> 540 Degraw St, Brooklyn, NY - E9309
<b>Contact:</b> Jarod Stanfield	<b>Location:</b> L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q1929-03</b>	<b>WC-A4-02-C</b>	<b>TCLP</b>	TCLP BNA	8270E	<b>04/29/25</b>	05/02/25	05/02/25	<b>05/01/25</b>
<b>Q1929-07</b>	<b>WC-A1-03-C</b>	<b>TCLP</b>	TCLP BNA	8270E	<b>04/30/25</b>	05/02/25	05/05/25	<b>05/01/25</b>
<b>Q1929-11</b>	<b>WC-A1-04-C</b>	<b>TCLP</b>	TCLP BNA	8270E	<b>04/30/25</b>	05/02/25	05/05/25	<b>05/01/25</b>

**Hit Summary Sheet**  
 SW-846

**SDG No.:** Q1929

**Order ID:** Q1929

**Client:** ENTACT

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

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

**Total Concentration: 0.000**



# SAMPLE DATA

### Report of Analysis

Client:	ENTACT	Date Collected:	
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/02/25
Client Sample ID:	PB167815TB	SDG No.:	Q1929
Lab Sample ID:	PB167815TB	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
PD088411.D	1	05/02/25 12:44	05/05/25 09:45	PB167848

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	19.6		30 (43) - 150 (140)	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.2		30 (77) - 150 (126)	91%	SPK: 20

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 concentrations between the two GC columns	S = Indicates estimated value where valid five-point calibration 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	

### Report of Analysis

Client:	ENTACT	Date Collected:	04/29/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A4-02-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-03	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
PD088416.D	1	05/02/25 12:44	05/05/25 10:53	PB167848

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	20.6		30 (43) - 150 (140)	103%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.6		30 (77) - 150 (126)	88%	SPK: 20

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 concentrations between the two GC columns	S = Indicates estimated value where valid five-point calibration 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	



### Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-04-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-11	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
PD088420.D	1	05/02/25 12:44	05/05/25 11:48	PB167848

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	21.0		30 (43) - 150 (140)	105%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.4		30 (77) - 150 (126)	87%	SPK: 20

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 concentrations between the two GC columns	S = Indicates estimated value where valid five-point calibration 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	

**LAB CHRONICLE**

<b>OrderID:</b> Q1929	<b>OrderDate:</b> 5/1/2025 12:26:00 PM
<b>Client:</b> ENTACT	<b>Project:</b> 540 Degraw St, Brooklyn, NY - E9309
<b>Contact:</b> Jarod Stanfield	<b>Location:</b> L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q1929-02</b>	<b>WC-A4-02-C</b>	<b>SOIL</b>			<b>04/29/25</b>			<b>05/01/25</b>
			PCB	8082A		05/02/25	05/02/25	
<b>Q1929-03</b>	<b>WC-A4-02-C</b>	<b>TCLP</b>			<b>04/29/25</b>			<b>05/01/25</b>
			TCLP Herbicide	8151A		05/05/25	05/06/25	
			TCLP Pesticide	8081B		05/02/25	05/05/25	
<b>Q1929-06</b>	<b>WC-A1-03-C</b>	<b>SOIL</b>			<b>04/30/25</b>			<b>05/01/25</b>
			PCB	8082A		05/02/25	05/02/25	
<b>Q1929-07</b>	<b>WC-A1-03-C</b>	<b>TCLP</b>			<b>04/30/25</b>			<b>05/01/25</b>
			TCLP Herbicide	8151A		05/05/25	05/06/25	
			TCLP Pesticide	8081B		05/02/25	05/05/25	
<b>Q1929-10</b>	<b>WC-A1-04-C</b>	<b>SOIL</b>			<b>04/30/25</b>			<b>05/01/25</b>
			PCB	8082A		05/02/25	05/02/25	
<b>Q1929-11</b>	<b>WC-A1-04-C</b>	<b>TCLP</b>			<b>04/30/25</b>			<b>05/01/25</b>
			TCLP Herbicide	8151A		05/05/25	05/06/25	
			TCLP Pesticide	8081B		05/02/25	05/05/25	

**Hit Summary Sheet**  
 SW-846

**SDG No.:** Q1929

**Order ID:** Q1929

**Client:** ENTACT

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

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

**Total Concentration: 0.000**

A

B

C

D



# SAMPLE DATA



### Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25			
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25			
Client Sample ID:	WC-A1-03-C	SDG No.:	Q1929			
Lab Sample ID:	Q1929-06	Matrix:	SOIL			
Analytical Method:	SW8082A	% Solid:	77.7	Decanted:		
Sample Wt/Vol:	30.01	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
PP071743.D	1	05/02/25 09:45	05/02/25 14:59	PB167834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	5.10	U	5.10	21.9	ug/kg
11104-28-2	Aroclor-1221	5.20	U	5.20	21.9	ug/kg
11141-16-5	Aroclor-1232	4.80	U	4.80	21.9	ug/kg
53469-21-9	Aroclor-1242	5.20	U	5.20	21.9	ug/kg
12672-29-6	Aroclor-1248	7.60	U	7.60	21.9	ug/kg
11097-69-1	Aroclor-1254	4.10	U	4.10	21.9	ug/kg
37324-23-5	Aroclor-1262	6.50	U	6.50	21.9	ug/kg
11100-14-4	Aroclor-1268	4.60	U	4.60	21.9	ug/kg
11096-82-5	Aroclor-1260	4.20	U	4.20	21.9	ug/kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	17.9		30 (32) - 150 (144)	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.6		30 (32) - 150 (175)	68%	SPK: 20

Comments:

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

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

### Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25			
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25			
Client Sample ID:	WC-A1-04-C	SDG No.:	Q1929			
Lab Sample ID:	Q1929-10	Matrix:	SOIL			
Analytical Method:	SW8082A	% Solid:	81.5	Decanted:		
Sample Wt/Vol:	30.03	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
PP071744.D	1	05/02/25 09:45	05/02/25 15:15	PB167834

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.8	ug/kg
11104-28-2	Aroclor-1221	4.90	U	4.90	20.8	ug/kg
11141-16-5	Aroclor-1232	4.60	U	4.60	20.8	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	20.8	ug/kg
12672-29-6	Aroclor-1248	7.30	U	7.30	20.8	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.8	ug/kg
37324-23-5	Aroclor-1262	6.20	U	6.20	20.8	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.8	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	20.8	ug/kg
<b>SURROGATES</b>						
877-09-8	Tetrachloro-m-xylene	22.3		30 (32) - 150 (144)	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.8		30 (32) - 150 (175)	89%	SPK: 20

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 concentrations between the two GC columns	S = Indicates estimated value where valid five-point calibration 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	

**LAB CHRONICLE**

<b>OrderID:</b> Q1929	<b>OrderDate:</b> 5/1/2025 12:26:00 PM
<b>Client:</b> ENTACT	<b>Project:</b> 540 Degraw St, Brooklyn, NY - E9309
<b>Contact:</b> Jarod Stanfield	<b>Location:</b> L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q1929-02</b>	<b>WC-A4-02-C</b>	<b>SOIL</b>			<b>04/29/25</b>			<b>05/01/25</b>
			PCB	8082A		05/02/25	05/02/25	
<b>Q1929-03</b>	<b>WC-A4-02-C</b>	<b>TCLP</b>			<b>04/29/25</b>			<b>05/01/25</b>
			TCLP Herbicide	8151A		05/05/25	05/06/25	
			TCLP Pesticide	8081B		05/02/25	05/05/25	
<b>Q1929-06</b>	<b>WC-A1-03-C</b>	<b>SOIL</b>			<b>04/30/25</b>			<b>05/01/25</b>
			PCB	8082A		05/02/25	05/02/25	
<b>Q1929-07</b>	<b>WC-A1-03-C</b>	<b>TCLP</b>			<b>04/30/25</b>			<b>05/01/25</b>
			TCLP Herbicide	8151A		05/05/25	05/06/25	
			TCLP Pesticide	8081B		05/02/25	05/05/25	
<b>Q1929-10</b>	<b>WC-A1-04-C</b>	<b>SOIL</b>			<b>04/30/25</b>			<b>05/01/25</b>
			PCB	8082A		05/02/25	05/02/25	
<b>Q1929-11</b>	<b>WC-A1-04-C</b>	<b>TCLP</b>			<b>04/30/25</b>			<b>05/01/25</b>
			TCLP Herbicide	8151A		05/05/25	05/06/25	
			TCLP Pesticide	8081B		05/02/25	05/05/25	

**Hit Summary Sheet**  
 SW-846

**SDG No.:** Q1929

**Order ID:** Q1929

**Client:** ENTACT

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

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

**Total Concentration: 0.000**



# SAMPLE DATA

### Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/05/25	
Client Sample ID:	PB167815TB		SDG No.:	Q1929	
Lab Sample ID:	PB167815TB		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
PS030061.D	1	05/05/25 08:50	05/06/25 15:04	PB167871

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	617		70 (39) - 130 (175)	123%	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:	04/29/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A4-02-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-03	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
PS030053.D	1	05/05/25 08:50	05/06/25 11:27	PB167871

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	420		70 (39) - 130 (175)	84%	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:	04/30/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/01/25	
Client Sample ID:	WC-A1-03-C		SDG No.:	Q1929	
Lab Sample ID:	Q1929-07		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
PS030054.D	1	05/05/25 08:50	05/06/25 12:09	PB167871

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	489		70 (39) - 130 (175)	98%	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:	04/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-04-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-11	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
PS030055.D	1	05/05/25 08:50	05/06/25 12:33	PB167871

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	391		70 (39) - 130 (175)	78%	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

**LAB CHRONICLE**

<b>OrderID:</b> Q1929	<b>OrderDate:</b> 5/1/2025 12:26:00 PM
<b>Client:</b> ENTACT	<b>Project:</b> 540 Degraw St, Brooklyn, NY - E9309
<b>Contact:</b> Jarod Stanfield	<b>Location:</b> L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q1929-02</b>	<b>WC-A4-02-C</b>	<b>SOIL</b>			<b>04/29/25</b>			<b>05/01/25</b>
			PCB	8082A		05/02/25	05/02/25	
<b>Q1929-03</b>	<b>WC-A4-02-C</b>	<b>TCLP</b>			<b>04/29/25</b>			<b>05/01/25</b>
			TCLP Herbicide	8151A		05/05/25	05/06/25	
			TCLP Pesticide	8081B		05/02/25	05/05/25	
<b>Q1929-06</b>	<b>WC-A1-03-C</b>	<b>SOIL</b>			<b>04/30/25</b>			<b>05/01/25</b>
			PCB	8082A		05/02/25	05/02/25	
<b>Q1929-07</b>	<b>WC-A1-03-C</b>	<b>TCLP</b>			<b>04/30/25</b>			<b>05/01/25</b>
			TCLP Herbicide	8151A		05/05/25	05/06/25	
			TCLP Pesticide	8081B		05/02/25	05/05/25	
<b>Q1929-10</b>	<b>WC-A1-04-C</b>	<b>SOIL</b>			<b>04/30/25</b>			<b>05/01/25</b>
			PCB	8082A		05/02/25	05/02/25	
<b>Q1929-11</b>	<b>WC-A1-04-C</b>	<b>TCLP</b>			<b>04/30/25</b>			<b>05/01/25</b>
			TCLP Herbicide	8151A		05/05/25	05/06/25	
			TCLP Pesticide	8081B		05/02/25	05/05/25	





# SAMPLE DATA

### Report of Analysis

Client:	ENTACT	Date Collected:	04/29/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A4-02-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-03	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	25.6	U	1	25.6	100	ug/L	05/02/25 12:05	05/05/25 20:41	SW6010	SW3050
7440-39-3	Barium	179	J	1	72.8	500	ug/L	05/02/25 12:05	05/05/25 20:41	SW6010	SW3050
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	05/02/25 12:05	05/05/25 20:41	SW6010	SW3050
7440-47-3	Chromium	28.7	J	1	10.6	50.0	ug/L	05/02/25 12:05	05/05/25 20:41	SW6010	SW3050
7440-50-8	Copper	23.0	U	1	23.0	100	ug/L	05/02/25 12:05	05/05/25 20:41	SW6010	SW3050
7439-92-1	Lead	11.5	U	1	11.5	60.0	ug/L	05/02/25 12:05	05/05/25 20:41	SW6010	SW3050
7439-97-6	Mercury	0.76	U*	1	0.76	2.00	ug/L	05/05/25 07:20	05/05/25 12:12	SW7470A	
7440-02-0	Nickel	15.3	U	1	15.3	200	ug/L	05/02/25 12:05	05/05/25 20:41	SW6010	SW3050
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	05/02/25 12:05	05/05/25 20:41	SW6010	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	05/02/25 12:05	05/05/25 20:41	SW6010	SW3050
7440-66-6	Zinc	83.3	U	1	83.3	200	ug/L	05/02/25 12:05	05/05/25 20:41	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

### Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-03-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-07	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	25.6	U	1	25.6	100	ug/L	05/02/25 12:05	05/05/25 20:45	SW6010	SW3050
7440-39-3	Barium	426	J	1	72.8	500	ug/L	05/02/25 12:05	05/05/25 20:45	SW6010	SW3050
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	05/02/25 12:05	05/05/25 20:45	SW6010	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	05/02/25 12:05	05/05/25 20:45	SW6010	SW3050
7440-50-8	Copper	23.0	U	1	23.0	100	ug/L	05/02/25 12:05	05/05/25 20:45	SW6010	SW3050
7439-92-1	Lead	28.4	J	1	11.5	60.0	ug/L	05/02/25 12:05	05/05/25 20:45	SW6010	SW3050
7439-97-6	Mercury	0.76	U*	1	0.76	2.00	ug/L	05/05/25 07:20	05/05/25 12:14	SW7470A	
7440-02-0	Nickel	15.3	U	1	15.3	200	ug/L	05/02/25 12:05	05/05/25 20:45	SW6010	SW3050
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	05/02/25 12:05	05/05/25 20:45	SW6010	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	05/02/25 12:05	05/05/25 20:45	SW6010	SW3050
7440-66-6	Zinc	83.3	U	1	83.3	200	ug/L	05/02/25 12:05	05/05/25 20:45	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

### Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-04-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-11	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	25.6	U	1	25.6	100	ug/L	05/02/25 12:05	05/05/25 20:50	SW6010	SW3050
7440-39-3	Barium	217	J	1	72.8	500	ug/L	05/02/25 12:05	05/05/25 20:50	SW6010	SW3050
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	05/02/25 12:05	05/05/25 20:50	SW6010	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	05/02/25 12:05	05/05/25 20:50	SW6010	SW3050
7440-50-8	Copper	23.0	U	1	23.0	100	ug/L	05/02/25 12:05	05/05/25 20:50	SW6010	SW3050
7439-92-1	Lead	11.5	U	1	11.5	60.0	ug/L	05/02/25 12:05	05/05/25 20:50	SW6010	SW3050
7439-97-6	Mercury	0.76	U*	1	0.76	2.00	ug/L	05/05/25 07:20	05/05/25 12:16	SW7470A	
7440-02-0	Nickel	15.3	U	1	15.3	200	ug/L	05/02/25 12:05	05/05/25 20:50	SW6010	SW3050
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	05/02/25 12:05	05/05/25 20:50	SW6010	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	05/02/25 12:05	05/05/25 20:50	SW6010	SW3050
7440-66-6	Zinc	83.3	U	1	83.3	200	ug/L	05/02/25 12:05	05/05/25 20:50	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

<b>OrderID:</b> Q1929	<b>OrderDate:</b> 5/1/2025 12:26:00 PM
<b>Client:</b> ENTACT	<b>Project:</b> 540 Degraw St, Brooklyn, NY - E9309
<b>Contact:</b> Jarod Stanfield	<b>Location:</b> L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
<b>Q1929-03</b>	<b>WC-A4-02-C</b>	<b>TCLP</b>	TCLP Mercury	7470A	<b>04/29/25</b>	05/05/25	05/05/25	<b>05/01/25</b>
			TCLPMetals Group2	6010D		05/02/25	05/05/25	
<b>Q1929-07</b>	<b>WC-A1-03-C</b>	<b>TCLP</b>	TCLP Mercury	7470A	<b>04/30/25</b>	05/05/25	05/05/25	<b>05/01/25</b>
			TCLPMetals Group2	6010D		05/02/25	05/05/25	
<b>Q1929-11</b>	<b>WC-A1-04-C</b>	<b>TCLP</b>	TCLP Mercury	7470A	<b>04/30/25</b>	05/05/25	05/05/25	<b>05/01/25</b>
			TCLPMetals Group2	6010D		05/02/25	05/05/25	



# SAMPLE DATA

## Report of Analysis

Client:	ENTACT	Date Collected:	04/29/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A4-02-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-02	Matrix:	SOIL
		% Solid:	86.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Oil and Grease	547		1	6.69	28.8	mg/Kg		05/06/25 10:25	SW9071B
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		05/02/25 09:39	9095B
pH	12.4		1	0	0	pH		05/01/25 15:30	9045D
TS	85.0		1	1.00	5.00	%		05/01/25 16:00	SM 2540 B-15
TVS	4.40	J	1	1.00	10.0	%		05/01/25 16:00	160.4

Comments: pH result reported at temperature 22.5 °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:	04/29/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A4-02-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-03	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	12.4	H	1	0	0	pH		05/01/25 15:30	9045D
Ignitability	NO		1	0	0	oC		05/05/25 10:13	1030
Reactive Cyanide	0.0083	U	1	0.0083	0.049	mg/Kg	05/01/25 15:15	05/02/25 10:05	9012B
Reactive Sulfide	4.76	J	1	0.20	10.0	mg/Kg	05/02/25 09:15	05/02/25 11:38	9034

Comments: pH result reported at temperature 22.5 °C

U = Not Detected  
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 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:	04/29/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A4-02-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
ASTM Ammonia	0.28		1	0.030	0.10	mg/L	05/05/25 14:10	05/06/25 09:47	SM 4500-NH3 B plus NH3 G-11
ASTM COD	20.5		1	1.50	10.0	mg/L		05/06/25 13:10	SM 5220 D-11
ASTM Oil and Grease	0.30	J	1	0.29	5.00	mg/L		05/05/25 12:10	SW1664A
ASTM TS	1070		1	1.00	5.00	mg/L		05/05/25 11:00	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

## Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-03-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-06	Matrix:	SOIL
		% Solid:	77.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Oil and Grease	571		1	7.46	32.1	mg/Kg		05/06/25 10:25	SW9071B
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		05/02/25 10:20	9095B
pH	12.3		1	0	0	pH		05/01/25 15:40	9045D
TS	77.2		1	1.00	5.00	%		05/01/25 16:00	SM 2540 B-15
TVS	4.30	J	1	1.00	10.0	%		05/01/25 16:00	160.4

Comments: pH result reported at temperature 22.4 °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:	04/30/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-03-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-07	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	12.3	H	1	0	0	pH		05/01/25 15:40	9045D
Ignitability	NO		1	0	0	oC		05/05/25 10:20	1030
Reactive Cyanide	0.011	J	1	0.0083	0.050	mg/Kg	05/01/25 15:15	05/02/25 10:05	9012B
Reactive Sulfide	1.59	J	1	0.20	10.0	mg/Kg	05/02/25 09:15	05/02/25 11:40	9034

Comments: pH result reported at temperature 22.4 °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.  
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 N = Spiked sample recovery not within control limits

### Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-03-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-08	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
ASTM Ammonia	0.53		1	0.030	0.10	mg/L	05/05/25 14:10	05/06/25 09:57	SM 4500-NH3 B plus NH3 G-11
ASTM COD	29.6		1	1.50	10.0	mg/L		05/06/25 13:12	SM 5220 D-11
ASTM Oil and Grease	0.40	J	1	0.29	5.00	mg/L		05/05/25 12:10	SW1664A
ASTM TS	1710		1	1.00	5.00	mg/L		05/05/25 11:00	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

## Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-04-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-10	Matrix:	SOIL
		% Solid:	81.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Oil and Grease	1410		1	7.11	30.6	mg/Kg		05/06/25 10:25	SW9071B
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		05/02/25 10:28	9095B
pH	12.5		1	0	0	pH		05/01/25 15:50	9045D
TS	81.9		1	1.00	5.00	%		05/01/25 16:00	SM 2540 B-15
TVS	4.10	J	1	1.00	10.0	%		05/01/25 16:00	160.4

Comments: pH result reported at temperature 21.6 °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.  
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## Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-04-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-11	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	12.5	H	1	0	0	pH		05/01/25 15:50	9045D
Ignitability	NO		1	0	0	oC		05/05/25 10:27	1030
Reactive Cyanide	0.0088	J	1	0.0083	0.050	mg/Kg	05/01/25 15:15	05/02/25 10:05	9012B
Reactive Sulfide	4.78	J	1	0.20	10.0	mg/Kg	05/02/25 09:15	05/02/25 11:43	9034

Comments: pH result reported at temperature 21.6 °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

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### Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-04-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-12	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
ASTM Ammonia	0.28		1	0.030	0.10	mg/L	05/05/25 14:10	05/06/25 09:57	SM 4500-NH3 B plus NH3 G-11
ASTM COD	15.4		1	1.50	10.0	mg/L		05/06/25 13:13	SM 5220 D-11
ASTM Oil and Grease	0.40	J	1	0.29	5.00	mg/L		05/05/25 12:10	SW1664A
ASTM TS	1110		1	1.00	5.00	mg/L		05/05/25 11:00	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.  
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 N = Spiked sample recovery not within control limits

## Report of Analysis

Client:	ENTACT	Date Collected:	04/29/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A4-02-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-14	Matrix:	SOIL
		% Solid:	86.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	12.4	H	1	0	0	pH		05/12/25 13:30	9045D

Comments: pH result reported at temperature 22.5 °C

U = Not Detected  
 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
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 B = Analyte Found in Associated Method Blank  
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 E = Indicates the reported value is estimated because of the presence of interference.  
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 N = Spiked sample recovery not within control limits

## Report of Analysis

Client:	ENTACT	Date Collected:	04/30/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-03-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-15	Matrix:	SOIL
		% Solid:	77.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	12.3	H	1	0	0	pH		05/12/25 13:35	9045D

Comments: pH result reported at temperature 22.4 °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:	04/30/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/01/25
Client Sample ID:	WC-A1-04-C	SDG No.:	Q1929
Lab Sample ID:	Q1929-16	Matrix:	SOIL
		% Solid:	81.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
pH	12.5	H	1	0	0	pH		05/12/25 13:38	9045D

Comments: pH result reported at temperature 21.6 °C

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 LOQ = Limit of Quantitation  
 MDL = Method Detection Limit  
 LOD = Limit of Detection  
 D = Dilution  
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 H = Sample Analysis Out Of Hold Time

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 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> Q1929	<b>OrderDate:</b> 5/1/2025 12:26:00 PM
<b>Client:</b> ENTACT	<b>Project:</b> 540 Degraw St, Brooklyn, NY - E9309
<b>Contact:</b> Jarod Stanfield	<b>Location:</b> L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received	
<b>Q1929-02</b>	<b>WC-A4-02-C</b>	<b>SOIL</b>			<b>04/29/25</b>			<b>05/01/25</b>	
					<b>12:00</b>				
			Oil and Grease	9071B			05/06/25		
			Paint Filter	9095B			10:25	05/02/25	
			pH	9045D			09:39	05/01/25	
			TS	SM2540 B			15:30	05/01/25	
			TVS	160.4			05/01/25		
							16:00		
<b>Q1929-03</b>	<b>WC-A4-02-C</b>	<b>SOIL</b>			<b>04/29/25</b>			<b>05/01/25</b>	
					<b>12:00</b>				
			Corrosivity	9045D			05/01/25		
			Ignitability	1030			15:30	05/05/25	
			Reactive Cyanide	9012B			10:13	05/02/25	
			Reactive Sulfide	9034		05/01/25	05/02/25		
							10:05		
						05/02/25	05/02/25		
							11:38		
<b>Q1929-04</b>	<b>WC-A4-02-C</b>	<b>WATER</b>			<b>04/29/25</b>			<b>05/01/25</b>	
					<b>12:00</b>				
			ASTM Ammonia	SM4500-NH3			05/05/25	05/06/25	
			ASTM COD	SM5220 D			09:47	05/06/25	
			ASTM Oil and Grease	1664A			05/05/25		
							13:10		
							12:10		

**LAB CHRONICLE**

QID	WCID	SOIL	ASTM TS	SM	DATE	TIME	DATE	TIME
Q1929-06	WC-A1-03-C	SOIL	ASTM TS	SM2540 B	05/05/25	11:00	04/30/25 12:00	05/01/25
			Oil and Grease	9071B	05/06/25	10:25		
			Paint Filter	9095B	05/02/25	10:20		
			pH	9045D	05/01/25	15:40		
			TS	SM2540 B	05/01/25	16:00		
			TVS	160.4	05/01/25	16:00		
			Corrosivity	9045D	05/01/25	15:40		
Q1929-07	WC-A1-03-C	SOIL	Ignitability	1030	05/05/25	10:20	04/30/25 12:00	05/01/25
			Reactive Cyanide	9012B	05/01/25	05/02/25		
			Reactive Sulfide	9034	05/02/25	05/02/25		
						10:05		
						11:40		
Q1929-08	WC-A1-03-C	WATER	ASTM Ammonia	SM4500-NH3	05/05/25	05/06/25	04/30/25 12:00	05/01/25
			ASTM COD	SM5220 D		09:57		
			ASTM Oil and Grease	1664A		05/06/25		
						13:12		
						05/05/25		
Q1929-10	WC-A1-04-C	SOIL	ASTM TS	SM2540 B	05/05/25	11:00	04/30/25 12:00	05/01/25
			Oil and Grease	9071B	05/06/25	10:25		

**LAB CHRONICLE**

			Paint Filter	9095B		05/02/25 10:28	
			pH	9045D		05/01/25 15:50	
			TS	SM2540 B		05/01/25 16:00	
			TVS	160.4		05/01/25 16:00	
<b>Q1929-11</b>	<b>WC-A1-04-C</b>	<b>SOIL</b>			<b>04/30/25 12:00</b>		<b>05/01/25</b>
			Corrosivity	9045D		05/01/25 15:50	
			Ignitability	1030		05/05/25 10:27	
			Reactive Cyanide	9012B		05/01/25 05/02/25 10:05	
			Reactive Sulfide	9034		05/02/25 05/02/25 11:43	
<b>Q1929-12</b>	<b>WC-A1-04-C</b>	<b>WATER</b>			<b>04/30/25 12:00</b>		<b>05/01/25</b>
			ASTM Ammonia	SM4500-NH3		05/05/25 05/06/25 09:57	
			ASTM COD	SM5220 D		05/06/25 13:13	
			ASTM Oil and Grease	1664A		05/05/25 12:10	
			ASTM TS	SM2540 B		05/05/25 11:00	
<b>Q1929-14</b>	<b>WC-A4-02-C</b>	<b>SOIL</b>			<b>04/29/25 12:00</b>		<b>05/01/25</b>
			pH	9045D		05/12/25 13:30	
<b>Q1929-15</b>	<b>WC-A1-03-C</b>	<b>SOIL</b>			<b>04/30/25 12:00</b>		<b>05/01/25</b>
			pH	9045D		05/12/25 13:35	

**LAB CHRONICLE**

**Q1929-16**

**WC-A1-04-C**

**SOIL**

**04/30/25**  
**12:00**

**05/01/25**

pH

9045D

05/12/25  
13:38



# SHIPPING DOCUMENTS





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

Alliance Project Number: **Q1929**

COC Number: 2042113

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION			PROJECT INFORMATION			BILLING INFORMATION		
COMPANY: ENTACT, LLC			PROJECT NAME: 540 Degraw St Brooklyn, NY			BILL TO: ENTACT, LLC PO# E9309		
ADDRESS: 150 Bay Street, Suite 806			PROJECT #. E9309 LOCATION: Brooklyn, NY			ADDRESS: 999 Oakmont Plaza Drive, Suite 300		
CITY: Jersey City	STATE: NJ	ZIP: 07302	PROJECT MANAGER: Austin Farmerie			CITY: Westmont	STATE: IL	ZIP: 60559
ATTENTION: Austin Farmerie			E-MAIL: afarmerie@entact.com			ATTENTION: Wendy Murray PHONE: 800-936-8228		
PHONE: 570-886-0442 FAX:			PHONE: 412-716-1366 FAX:					

DATA TURNAROUND INFORMATION			DATA DELIVERABLE INFORMATION			ANALYSIS							COMMENTS			
FAX: _____ 3 _____ DAYS*			<input type="checkbox"/> RESEULTS ONLY <input type="checkbox"/> USEPA CLP <input type="checkbox"/> RESULTS + QC <input type="checkbox"/> New York State ASP "B" <input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A" <input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____ <input type="checkbox"/> EDD Format _____			ASTM COD	ASTM Ammonia-Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH	Paint Filter				
HARD COPY: _____ DAYS*						10	11	12	13	14	15	16				
EDD _____ 3 _____ DAYS*						PRESERVATIVES							<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other			
* TO BE APPROVED BY ALLIANCE STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS						E	E	E	E	E	E	E				

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS				
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9					
1.	WC-A4-02-G	Soil		X	4/29	12:00	1														
2.	WC-A4-02-C	Soil	X		4/29	12:00	11	X	X	X	X	X	X	X	X						
3.	WC-A1-03-G	Soil		X	4/30	12:00	1														
4.	WC-A1-03-C	Soil	X		4/30	12:00	11	X	X	X	X	X	X	X							
5.	WC-A1-04-G	Soil		X	4/30	12:00	1														
6.	WC-A1-04-C	Soil	X		4/30	12:00	11	X	X	X	X	X	X	X							
7.																					
8.																					
9.																					
10.																					

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSESSION INCLUDING COURIER DELIVERY										
RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 5/1/25 1030	RECEIVED BY 1.	12:50 5/1/25	Conditions of bottles or coolers at receipt:	<input type="checkbox"/> Compliant	<input type="checkbox"/> Non Compliant	<input type="checkbox"/> Cooler Temp 5.3°C	<input type="checkbox"/> Ice in Cooler? y	Comments: Adjust factor +1 for new #1	
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY 2.		Comments:						
RELINQUISHED BY 3.	DATE/TIME	RECEIVED FOR LAB BY 3.								
Page _____ of _____				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		

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

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**From:** Caroline Panico <cpanico@entact.com>  
**Sent:** Wednesday, May 07, 2025 10:54 AM  
**To:** Yazmeen Gomez  
**Subject:** Former Fulton MGP Site - 540 Degraw Street, Brooklyn - Q1929  
**Attachments:** FAX - Q1929 - 05-06-25.pdf

Good Morning Yazmeen

Waste Management Inc. has requested that we rerun the pH for all three samples on the attached lab report (WC-A4-02, WC-A4-03 and WC-04-04).

Is this something you can arrange?



**Caroline Panico**

**ENTACT, LLC**

999 Oakmont Plaza Drive | Suite 300 | Westmont, IL 60559

Direct: 630.413.9437 | Cell: 630.669.4257

[cpanico@entact.com](mailto:cpanico@entact.com) | [www.entact.com](http://www.entact.com)

*Environmental and Geotechnical Construction Services*

**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