

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 : Q2079

ATTENTION : Jarod Stanfield



Laboratory Certification ID # 20012



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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

1

Laboratory Name : Alliance Technical Group LLC Client : ENTACT
 Project Location : Brooklyn, NY Project Number : E9309
 Laboratory Sample ID(s) : Q2079 Sampling Date(s) : 5/13/2025

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,SOP**

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."

Cover Page

Order ID : Q2079

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

Client : ENTACT

Lab Sample Number

Q2079-01
Q2079-02
Q2079-03
Q2079-04
Q2079-05
Q2079-06
Q2079-07
Q2079-08
Q2079-09
Q2079-10
Q2079-11
Q2079-12

Client Sample Number

WC-A2-01-G
WC-A2-01-C
WC-A2-01-C
WC-A2-01-C
WC-A2-02-G
WC-A2-02-C
WC-A2-02-C
WC-A2-02-C
WC-A2-03-G
WC-A2-03-C
WC-A2-03-C
WC-A2-03-C

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

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:50 pm, May 29, 2025

Date: 5/29/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ENTACT

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

Project # N/A

Order ID # Q2079

Test Name: TCLP VOA

A. Number of Samples and Date of Receipt:

12 Solid samples were received on 05/19/2025.

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 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-A2-01-G [Dibromofluoromethane - 68%], WC-A2-01-GRE [Dibromofluoromethane - 67%], this compound did not meet the NJDKQP criteria and in-house criteria, the failure samples in surrogates were reanalyzed to confirm the failure as per method and reported while for,

WC-A2-02-G [Dibromofluoromethane - 73%], WC-A2-02-GRE [Dibromofluoromethane - 74%]. This compound meet the NJDKQP criteria but did not met the in-house criteria, the failure samples in surrogates were reanalyzed to confirm the failure as per method and reported while for.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria.

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.

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

Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:51 pm, May 29, 2025

CASE NARRATIVE

ENTACT

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

Project # N/A

Order ID # Q2079

Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:

12 Solid samples were received on 05/19/2025.

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_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe 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-A2-01-C [2,4 and 6-Tribromophenol - 118%]. this compound did not meet the NJDKQP criteria but met the in-house criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds.

The MSD recoveries met the acceptable requirements.

The RPD met criteria.

The Blank Spike met requirements for all samples.

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

The initial Calibration met the requirements.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

E. Additional Comments:

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

F. Manual Integration Comments:

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

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

Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:51 pm, May 29, 2025

CASE NARRATIVE

ENTACT

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

Project # N/A

Order ID # Q2079

Test Name: TCLP Pesticide

A. Number of Samples and Date of Receipt:

12 Solid samples were received on 05/19/2025.

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_L. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 µm df.; Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm 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:



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

F. Manual Integration Comments:

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

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

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APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:51 pm, May 29, 2025

CASE NARRATIVE

ENTACT

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

Project # N/A

Order ID # Q2079

Test Name: PCB

A. Number of Samples and Date of Receipt:

12 Solid samples were received on 05/19/2025.

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 requirements for all compounds.

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.



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F. Manual Integration Comments:

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APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:51 pm, May 29, 2025

CASE NARRATIVE

ENTACT

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

Project # N/A

Order ID # Q2079

Test Name: TCLP Herbicide

A. Number of Samples and Date of Receipt:

12 Solid samples were received on 05/19/2025.

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 µm df, Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 µm 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,

PB168092TB [2,4-DCAA(1) - 143%],

WC-A2-02-C [2,4-DCAA(1) - 162%]. This compound 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 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.



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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.

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

Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:51 pm, May 29, 2025

CASE NARRATIVE

ENTACT

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

Project # N/A

Order ID # Q2079

Test Name: TCLP Mercury,TCLPMetals Group2

A. Number of Samples and Date of Receipt:

12 Solid samples were received on 05/19/2025.

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 TCLP Mercury,TCLPMetals Group2.

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 analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate analysis met criteria for all samples.

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

The Calibration met the requirements.

The Serial Dilution met the acceptable requirements.

E. Additional Comments:

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

Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:51 pm, May 29, 2025

CASE NARRATIVE

ENTACT

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

Project # N/A

Order ID # Q2079

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

A. Number of Samples and Date of Receipt:

12 Solid samples were received on 05/19/2025.

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,ASTM COD,ASTM Oil and Grease,ASTM TS,Corrosivity,Ignitability,Oil and Grease,Paint Filter,pH,Reactive Cyanide,Reactive Sulfide,TS,TVS.

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-A2-01-C of pH,
WC-A2-01-C of Corrosivity,
WC-A2-02-C of pH,
WC-A2-02-C of Corrosivity,
WC-A2-03-C of pH,
WC-A2-03-C of Corrosivity. As samples were received out of holding time.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike (WC-A2-03-CMS) analysis met criteria for all samples except for Oil and Grease due to matrix interference.

The Matrix Spike Duplicate (WC-A2-03-CMSD) analysis met criteria for all samples except for Oil and Grease due to matrix interference.

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

E. Additional Comments:

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

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

Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:52 pm, May 29, 2025

DATA REPORTING QUALIFIERS- INORGANIC

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

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

DATA REPORTING QUALIFIERS- ORGANIC

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

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: <ol style="list-style-type: none"> (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2079

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: 05/29/2025

Hit Summary Sheet
SW-846

SDG No.: Q2079
Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	WC-A2-01-G							
Q2079-01	WC-A2-01-G	TCLP	Vinyl Chloride	4.30	J	0.26	5.00	ug/L
Q2079-01	WC-A2-01-G	TCLP	Benzene	9.90		0.15	5.00	ug/L
			Total Voc :	14.2				
			Total Concentration:	14.2				
Client ID:	WC-A2-01-GRE							
Q2079-01RE	WC-A2-01-GRE	TCLP	Vinyl Chloride	4.60	J	0.26	5.00	ug/L
Q2079-01RE	WC-A2-01-GRE	TCLP	Benzene	10.0		0.15	5.00	ug/L
			Total Voc :	14.6				
			Total Concentration:	14.6				
Client ID:	WC-A2-02-G							
Q2079-05	WC-A2-02-G	TCLP	Benzene	13.8		0.15	5.00	ug/L
			Total Voc :	13.8				
			Total Concentration:	13.8				
Client ID:	WC-A2-02-GRE							
Q2079-05RE	WC-A2-02-GRE	TCLP	Benzene	13.8		0.15	5.00	ug/L
			Total Voc :	13.8				
			Total Concentration:	13.8				
Client ID:	WC-A2-03-G							
Q2079-09	WC-A2-03-G	TCLP	2-Butanone	5.20	J	0.98	25.0	ug/L
Q2079-09	WC-A2-03-G	TCLP	Benzene	11.0		0.15	5.00	ug/L
			Total Voc :	16.2				
			Total Concentration:	16.2				



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-01-G	SDG No.:	Q2079
Lab Sample ID:	Q2079-01	Matrix:	TCLP
Analytical Method:	8260D	% 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
VN086735.D	1		05/21/25 16:42	VN052125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	4.30	J	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	9.90		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
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.6		70 (74) - 130 (125)	87%	SPK: 50
1868-53-7	Dibromofluoromethane	33.9	*	70 (75) - 130 (124)	68%	SPK: 50
2037-26-5	Toluene-d8	51.9		70 (86) - 130 (113)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.7		70 (77) - 130 (121)	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	247000	8.218			
540-36-3	1,4-Difluorobenzene	451000	9.1			
3114-55-4	Chlorobenzene-d5	435000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	194000	13.788			

U = Not Detected

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* = Values outside of QC limits

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-01-GRE	SDG No.:	Q2079
Lab Sample ID:	Q2079-01RE	Matrix:	TCLP
Analytical Method:	8260D	% 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
VN086758.D	1		05/22/25 11:55	VN052225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	4.60	J	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	10.0		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
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.1		70 (74) - 130 (125)	88%	SPK: 50
1868-53-7	Dibromofluoromethane	33.7	*	70 (75) - 130 (124)	67%	SPK: 50
2037-26-5	Toluene-d8	51.8		70 (86) - 130 (113)	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.2		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	241000	8.224			
540-36-3	1,4-Difluorobenzene	442000	9.094			
3114-55-4	Chlorobenzene-d5	433000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	210000	13.788			

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Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-02-G	SDG No.:	Q2079
Lab Sample ID:	Q2079-05	Matrix:	TCLP
Analytical Method:	8260D	% 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
VN086736.D	1		05/21/25 17:06	VN052125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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	13.8		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
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	43.6		70 (74) - 130 (125)	87%	SPK: 50
1868-53-7	Dibromofluoromethane	36.3		70 (75) - 130 (124)	73%	SPK: 50
2037-26-5	Toluene-d8	51.6		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	56.0		70 (77) - 130 (121)	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	257000	8.224			
540-36-3	1,4-Difluorobenzene	475000	9.1			
3114-55-4	Chlorobenzene-d5	462000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	217000	13.788			

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-02-GRE	SDG No.:	Q2079
Lab Sample ID:	Q2079-05RE	Matrix:	TCLP
Analytical Method:	8260D	% 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
VN086759.D	1		05/22/25 12:19	VN052225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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	13.8		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
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.9		70 (74) - 130 (125)	90%	SPK: 50
1868-53-7	Dibromofluoromethane	36.8		70 (75) - 130 (124)	74%	SPK: 50
2037-26-5	Toluene-d8	51.0		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.4		70 (77) - 130 (121)	111%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	240000	8.224			
540-36-3	1,4-Difluorobenzene	448000	9.1			
3114-55-4	Chlorobenzene-d5	430000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	215000	13.788			

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Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-03-G	SDG No.:	Q2079
Lab Sample ID:	Q2079-09	Matrix:	TCLP
Analytical Method:	8260D	% 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
VN086737.D	1		05/21/25 17:30	VN052125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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	5.20	J	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	11.0		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
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.5		70 (74) - 130 (125)	89%	SPK: 50
1868-53-7	Dibromofluoromethane	39.1		70 (75) - 130 (124)	78%	SPK: 50
2037-26-5	Toluene-d8	51.3		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.3		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	258000	8.224			
540-36-3	1,4-Difluorobenzene	481000	9.1			
3114-55-4	Chlorobenzene-d5	461000	11.859			
3855-82-1	1,4-Dichlorobenzene-d4	216000	13.788			

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LAB CHRONICLE

OrderID:	Q2079	OrderDate:	5/19/2025 2:22:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2079-01	WC-A2-01-G	TCLP			05/13/25			05/19/25
			TCLP VOA	8260D			05/21/25	
Q2079-01RE	WC-A2-01-GRE	TCLP			05/13/25			05/19/25
			TCLP VOA	8260D			05/22/25	
Q2079-05	WC-A2-02-G	TCLP			05/13/25			05/19/25
			TCLP VOA	8260D			05/21/25	
Q2079-05RE	WC-A2-02-GRE	TCLP			05/13/25			05/19/25
			TCLP VOA	8260D			05/22/25	
Q2079-09	WC-A2-03-G	TCLP			05/13/25			05/19/25
			TCLP VOA	8260D			05/21/25	



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

Hit Summary Sheet
SW-846

SDG No.: Q2079
Client: ENTACT

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



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:	05/22/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/22/25	
Client Sample ID:	PB168092TB		SDG No.:	Q2079	
Lab Sample ID:	PB168092TB		Matrix:	TCLP	
Analytical Method:	8270E		% 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
BP024771.D	1	05/22/25 11:14	05/22/25 23:50	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
367-12-4	2-Fluorophenol	129		15 (10) - 110 (139)	86%	SPK: 150
13127-88-3	Phenol-d6	116		15 (10) - 110 (134)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	70.3		30 (49) - 130 (133)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.6		30 (52) - 130 (132)	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	158		15 (44) - 110 (137)	105%	SPK: 150
1718-51-0	Terphenyl-d14	83.3		30 (48) - 130 (125)	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	102000	7.652			
1146-65-2	Naphthalene-d8	394000	10.428			
15067-26-2	Acenaphthene-d10	245000	14.292			
1517-22-2	Phenanthrene-d10	546000	17.086			
1719-03-5	Chrysene-d12	642000	21.51			
1520-96-3	Perylene-d12	766000	24.809			

Report of Analysis

Client:	ENTACT		Date Collected:	05/22/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/22/25	
Client Sample ID:	PB168092TB		SDG No.:	Q2079	
Lab Sample ID:	PB168092TB		Matrix:	TCLP	
Analytical Method:	8270E		% 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
BP024771.D	1	05/22/25 11:14	05/22/25 23:50	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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 A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ENTACT		Date Collected:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-01-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-03		Matrix:	TCLP	
Analytical Method:	8270E		% 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
BP024777.D	1	05/22/25 11:14	05/23/25 03:54	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
367-12-4	2-Fluorophenol	127		15 (10) - 110 (139)	85%	SPK: 150
13127-88-3	Phenol-d6	110		15 (10) - 110 (134)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	76.6		30 (49) - 130 (133)	77%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.5		30 (52) - 130 (132)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	178	*	15 (44) - 110 (137)	118%	SPK: 150
1718-51-0	Terphenyl-d14	93.5		30 (48) - 130 (125)	94%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	106000	7.652			
1146-65-2	Naphthalene-d8	402000	10.416			
15067-26-2	Acenaphthene-d10	270000	14.286			
1517-22-2	Phenanthrene-d10	576000	17.08			
1719-03-5	Chrysene-d12	686000	21.515			
1520-96-3	Perylene-d12	791000	24.792			

Report of Analysis

Client:	ENTACT		Date Collected:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-01-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-03		Matrix:	TCLP	
Analytical Method:	8270E		% 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
BP024777.D	1	05/22/25 11:14	05/23/25 03:54	PB168131

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:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-02-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-07		Matrix:	TCLP	
Analytical Method:	8270E		% 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
BP024778.D	1	05/22/25 11:14	05/23/25 04:34	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
367-12-4	2-Fluorophenol	126		15 (10) - 110 (139)	84%	SPK: 150
13127-88-3	Phenol-d6	106		15 (10) - 110 (134)	71%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.4		30 (49) - 130 (133)	75%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.3		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	165		15 (44) - 110 (137)	110%	SPK: 150
1718-51-0	Terphenyl-d14	92.5		30 (48) - 130 (125)	92%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	99700	7.652			
1146-65-2	Naphthalene-d8	390000	10.428			
15067-26-2	Acenaphthene-d10	258000	14.281			
1517-22-2	Phenanthrene-d10	527000	17.086			
1719-03-5	Chrysene-d12	613000	21.516			
1520-96-3	Perylene-d12	742000	24.815			

Report of Analysis

Client:	ENTACT		Date Collected:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-02-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-07		Matrix:	TCLP	
Analytical Method:	8270E		% 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
BP024778.D	1	05/22/25 11:14	05/23/25 04:34	PB168131

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:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-03-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-11		Matrix:	TCLP	
Analytical Method:	8270E		% 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
BP024779.D	1	05/22/25 11:14	05/23/25 05:15	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
367-12-4	2-Fluorophenol	114		15 (10) - 110 (139)	76%	SPK: 150
13127-88-3	Phenol-d6	95.0		15 (10) - 110 (134)	63%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.5		30 (49) - 130 (133)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.6		30 (52) - 130 (132)	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		15 (44) - 110 (137)	99%	SPK: 150
1718-51-0	Terphenyl-d14	80.3		30 (48) - 130 (125)	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	90300	7.652			
1146-65-2	Naphthalene-d8	341000	10.422			
15067-26-2	Acenaphthene-d10	210000	14.281			
1517-22-2	Phenanthrene-d10	421000	17.081			
1719-03-5	Chrysene-d12	510000	21.516			
1520-96-3	Perylene-d12	664000	24.81			

Report of Analysis

Client:	ENTACT		Date Collected:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-03-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-11		Matrix:	TCLP	
Analytical Method:	8270E		% 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
BP024779.D	1	05/22/25 11:14	05/23/25 05:15	PB168131

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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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
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 A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q2079	OrderDate:	5/19/2025 2:22:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2079-03	WC-A2-01-C	TCLP	TCLP BNA	8270E	05/13/25	05/22/25	05/23/25	05/19/25
Q2079-07	WC-A2-02-C	TCLP	TCLP BNA	8270E	05/13/25	05/22/25	05/23/25	05/19/25
Q2079-11	WC-A2-03-C	TCLP	TCLP BNA	8270E	05/13/25	05/22/25	05/23/25	05/19/25

Hit Summary Sheet
SW-846

A

B

C

D

SDG No.:	Q2079	Order ID:	Q2079
Client:	ENTACT	Project ID:	540 Degraw St, Brooklyn, NY - E9309

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

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/21/25	
Client Sample ID:	PB168092TB		SDG No.:	Q2079	
Lab Sample ID:	PB168092TB		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PL095764.D	1	05/21/25 12:45	05/22/25 12:27	PB168121

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.7		30 (43) - 150 (140)	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.4		30 (77) - 150 (126)	107%	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:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-01-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-03		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PL095772.D	1	05/21/25 12:45	05/22/25 14:29	PB168121

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
2051-24-3	Decachlorobiphenyl	19.5		30 (43) - 150 (140)	98%	SPK: 20
877-09-8	Tetrachloro-m-xylene	18.7		30 (77) - 150 (126)	94%	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:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-02-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-07		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PL095773.D	1	05/21/25 12:45	05/22/25 14:43	PB168121

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
2051-24-3	Decachlorobiphenyl	20.9		30 (43) - 150 (140)	104%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.4		30 (77) - 150 (126)	97%	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:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-03-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-11		Matrix:	TCLP	
Analytical Method:	8081B		% 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
PL095774.D	1	05/21/25 12:45	05/22/25 14:57	PB168121

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
2051-24-3	Decachlorobiphenyl	22.0		30 (43) - 150 (140)	110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.6		30 (77) - 150 (126)	103%	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

LAB CHRONICLE

OrderID:	Q2079	OrderDate:	5/19/2025 2:22:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2079-02	WC-A2-01-C	SOIL			05/13/25			05/19/25
			PCB	8082A		05/21/25	05/21/25	
Q2079-03	WC-A2-01-C	TCLP			05/13/25			05/19/25
			TCLP Herbicide	8151A		05/21/25	05/22/25	
			TCLP Pesticide	8081B		05/21/25	05/22/25	
Q2079-06	WC-A2-02-C	SOIL			05/13/25			05/19/25
			PCB	8082A		05/21/25	05/21/25	
Q2079-07	WC-A2-02-C	TCLP			05/13/25			05/19/25
			TCLP Herbicide	8151A		05/21/25	05/22/25	
			TCLP Pesticide	8081B		05/21/25	05/22/25	
Q2079-10	WC-A2-03-C	SOIL			05/13/25			05/19/25
			PCB	8082A		05/21/25	05/21/25	
Q2079-11	WC-A2-03-C	TCLP			05/13/25			05/19/25
			TCLP Herbicide	8151A		05/21/25	05/22/25	
			TCLP Pesticide	8081B		05/21/25	05/22/25	

Hit Summary Sheet
SW-846

SDG No.: Q2079

Order ID: Q2079

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:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-01-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-02		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	75.9	Decanted:
Sample Wt/Vol:	30.06	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
PP072253.D	1	05/21/25 09:00	05/21/25 15:28	PB168099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.20	U	5.20	22.4	ug/kg
11104-28-2	Aroclor-1221	5.30	U	5.30	22.4	ug/kg
11141-16-5	Aroclor-1232	4.90	U	4.90	22.4	ug/kg
53469-21-9	Aroclor-1242	5.30	U	5.30	22.4	ug/kg
12672-29-6	Aroclor-1248	7.80	U	7.80	22.4	ug/kg
11097-69-1	Aroclor-1254	4.20	U	4.20	22.4	ug/kg
37324-23-5	Aroclor-1262	6.60	U	6.60	22.4	ug/kg
11100-14-4	Aroclor-1268	4.70	U	4.70	22.4	ug/kg
11096-82-5	Aroclor-1260	4.20	U	4.20	22.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		30 (32) - 150 (144)	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.5		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:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-02-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-06		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	79.7	Decanted:
Sample Wt/Vol:	30.02	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
PP072259.D	1	05/21/25 09:00	05/21/25 18:45	PB168099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.00	U	5.00	21.3	ug/kg
11104-28-2	Aroclor-1221	5.10	U	5.10	21.3	ug/kg
11141-16-5	Aroclor-1232	4.70	U	4.70	21.3	ug/kg
53469-21-9	Aroclor-1242	5.00	U	5.00	21.3	ug/kg
12672-29-6	Aroclor-1248	7.40	U	7.40	21.3	ug/kg
11097-69-1	Aroclor-1254	4.00	U	4.00	21.3	ug/kg
37324-23-5	Aroclor-1262	6.30	U	6.30	21.3	ug/kg
11100-14-4	Aroclor-1268	4.50	U	4.50	21.3	ug/kg
11096-82-5	Aroclor-1260	4.10	U	4.10	21.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.7		30 (32) - 150 (144)	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		30 (32) - 150 (175)	86%	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:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-03-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-10		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	79.9	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072260.D	1	05/21/25 09:00	05/21/25 19:01	PB168099

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	21.2	ug/kg
11104-28-2	Aroclor-1221	5.00	U	5.00	21.2	ug/kg
11141-16-5	Aroclor-1232	4.60	U	4.60	21.2	ug/kg
53469-21-9	Aroclor-1242	5.00	U	5.00	21.2	ug/kg
12672-29-6	Aroclor-1248	7.40	U	7.40	21.2	ug/kg
11097-69-1	Aroclor-1254	4.00	U	4.00	21.2	ug/kg
37324-23-5	Aroclor-1262	6.30	U	6.30	21.2	ug/kg
11100-14-4	Aroclor-1268	4.50	U	4.50	21.2	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	21.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.2		30 (32) - 150 (144)	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		30 (32) - 150 (175)	82%	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

LAB CHRONICLE

OrderID:	Q2079	OrderDate:	5/19/2025 2:22:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2079-02	WC-A2-01-C	SOIL	PCB	8082A	05/13/25	05/21/25	05/21/25	05/19/25
Q2079-06	WC-A2-02-C	SOIL	PCB	8082A	05/13/25	05/21/25	05/21/25	05/19/25
Q2079-10	WC-A2-03-C	SOIL	PCB	8082A	05/13/25	05/21/25	05/21/25	05/19/25

Hit Summary Sheet
SW-846

SDG No.: Q2079

Order ID: Q2079

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:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/21/25	
Client Sample ID:	PB168092TB		SDG No.:	Q2079	
Lab Sample ID:	PB168092TB		Matrix:	TCLP	
Analytical Method:	8151A		% 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
PS030346.D	1	05/21/25 12:20	05/22/25 15:16	PB168120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	715	*	70 (39) - 130 (175)	143%	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:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-01-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-03		Matrix:	TCLP	
Analytical Method:	8151A		% 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
PS030355.D	1	05/21/25 12:20	05/22/25 18:52	PB168120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
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:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-02-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-07		Matrix:	TCLP	
Analytical Method:	8151A		% 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
PS030356.D	1	05/21/25 12:20	05/22/25 19:16	PB168120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	808	*	70 (39) - 130 (175)	162%	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:	05/13/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	05/19/25	
Client Sample ID:	WC-A2-03-C		SDG No.:	Q2079	
Lab Sample ID:	Q2079-11		Matrix:	TCLP	
Analytical Method:	8151A		% 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
PS030357.D	1	05/21/25 12:20	05/22/25 19:41	PB168120

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
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
SURROGATES						
19719-28-9	2,4-DCAA	608		70 (39) - 130 (175)	122%	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

OrderID:	Q2079	OrderDate:	5/19/2025 2:22:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2079-02	WC-A2-01-C	SOIL	PCB	8082A	05/13/25	05/21/25	05/21/25	05/19/25
Q2079-03	WC-A2-01-C	TCLP	TCLP Herbicide	8151A	05/13/25	05/21/25	05/22/25	05/19/25
Q2079-06	WC-A2-02-C	SOIL	PCB	8082A	05/13/25	05/21/25	05/21/25	05/19/25
Q2079-07	WC-A2-02-C	TCLP	TCLP Herbicide	8151A	05/13/25	05/21/25	05/22/25	05/19/25
Q2079-10	WC-A2-03-C	SOIL	PCB	8082A	05/13/25	05/21/25	05/21/25	05/19/25
Q2079-11	WC-A2-03-C	TCLP	TCLP Herbicide	8151A	05/13/25	05/21/25	05/22/25	05/19/25

Hit Summary Sheet
SW-846

SDG No.:	Q2079	Order ID:	Q2079
Client:	ENTACT	Project ID:	540 Degraw St, Brooklyn, NY - E9309

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-A2-01-C								
Q2079-03	WC-A2-01-C	TCLP	Barium	415	J	72.8	500	ug/L
Q2079-03	WC-A2-01-C	TCLP	Copper	24.8	J	23.0	100	ug/L
Q2079-03	WC-A2-01-C	TCLP	Nickel	22.2	J	15.3	200	ug/L
Client ID : WC-A2-02-C								
Q2079-07	WC-A2-02-C	TCLP	Barium	279	J	72.8	500	ug/L
Q2079-07	WC-A2-02-C	TCLP	Nickel	15.7	J	15.3	200	ug/L
Client ID : WC-A2-03-C								
Q2079-11	WC-A2-03-C	TCLP	Barium	328	J	72.8	500	ug/L
Q2079-11	WC-A2-03-C	TCLP	Nickel	17.3	J	15.3	200	ug/L



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-01-C	SDG No.:	Q2079
Lab Sample ID:	Q2079-03	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	05/21/25 12:30	05/22/25 17:23	6010D	SW3050
7440-39-3	Barium	415	J	1	72.8	500	ug/L	05/21/25 12:30	05/22/25 17:23	6010D	SW3050
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	05/21/25 12:30	05/22/25 17:23	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	05/21/25 12:30	05/22/25 17:23	6010D	SW3050
7440-50-8	Copper	24.8	J	1	23.0	100	ug/L	05/21/25 12:30	05/22/25 17:23	6010D	SW3050
7439-92-1	Lead	11.5	U	1	11.5	60.0	ug/L	05/21/25 12:30	05/22/25 17:23	6010D	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	05/22/25 13:30	05/23/25 09:50	7470A	
7440-02-0	Nickel	22.2	J	1	15.3	200	ug/L	05/21/25 12:30	05/22/25 17:23	6010D	SW3050
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	05/21/25 12:30	05/22/25 17:23	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	05/21/25 12:30	05/22/25 17:23	6010D	SW3050
7440-66-6	Zinc	83.3	U	1	83.3	200	ug/L	05/21/25 12:30	05/22/25 17:23	6010D	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:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-02-C	SDG No.:	Q2079
Lab Sample ID:	Q2079-07	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	05/21/25 12:30	05/22/25 17:36	6010D	SW3050
7440-39-3	Barium	279	J	1	72.8	500	ug/L	05/21/25 12:30	05/22/25 17:36	6010D	SW3050
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	05/21/25 12:30	05/22/25 17:36	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	05/21/25 12:30	05/22/25 17:36	6010D	SW3050
7440-50-8	Copper	23.0	U	1	23.0	100	ug/L	05/21/25 12:30	05/22/25 17:36	6010D	SW3050
7439-92-1	Lead	11.5	U	1	11.5	60.0	ug/L	05/21/25 12:30	05/22/25 17:36	6010D	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	05/22/25 13:30	05/23/25 09:52	7470A	
7440-02-0	Nickel	15.7	J	1	15.3	200	ug/L	05/21/25 12:30	05/22/25 17:36	6010D	SW3050
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	05/21/25 12:30	05/22/25 17:36	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	05/21/25 12:30	05/22/25 17:36	6010D	SW3050
7440-66-6	Zinc	83.3	U	1	83.3	200	ug/L	05/21/25 12:30	05/22/25 17:36	6010D	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:	05/13/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-03-C	SDG No.:	Q2079
Lab Sample ID:	Q2079-11	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	05/21/25 12:30	05/22/25 17:41	6010D	SW3050
7440-39-3	Barium	328	J	1	72.8	500	ug/L	05/21/25 12:30	05/22/25 17:41	6010D	SW3050
7440-43-9	Cadmium	2.50	U	1	2.50	30.0	ug/L	05/21/25 12:30	05/22/25 17:41	6010D	SW3050
7440-47-3	Chromium	10.6	U	1	10.6	50.0	ug/L	05/21/25 12:30	05/22/25 17:41	6010D	SW3050
7440-50-8	Copper	23.0	U	1	23.0	100	ug/L	05/21/25 12:30	05/22/25 17:41	6010D	SW3050
7439-92-1	Lead	11.5	U	1	11.5	60.0	ug/L	05/21/25 12:30	05/22/25 17:41	6010D	SW3050
7439-97-6	Mercury	0.76	U	1	0.76	2.00	ug/L	05/22/25 13:30	05/23/25 09:54	7470A	
7440-02-0	Nickel	17.3	J	1	15.3	200	ug/L	05/21/25 12:30	05/22/25 17:41	6010D	SW3050
7782-49-2	Selenium	48.2	U	1	48.2	100	ug/L	05/21/25 12:30	05/22/25 17:41	6010D	SW3050
7440-22-4	Silver	8.10	U	1	8.10	50.0	ug/L	05/21/25 12:30	05/22/25 17:41	6010D	SW3050
7440-66-6	Zinc	83.3	U	1	83.3	200	ug/L	05/21/25 12:30	05/22/25 17:41	6010D	SW3050

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

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OR = Over Range
N = Spiked sample recovery not within control limits

LAB CHRONICLE

OrderID:	Q2079	OrderDate:	5/19/2025 2:22:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2079-03	WC-A2-01-C	TCLP			05/13/25			05/19/25
			TCLP Mercury	7470A		05/22/25	05/23/25	
			TCLPMetals Group2	6010D		05/21/25	05/22/25	
Q2079-07	WC-A2-02-C	TCLP			05/13/25			05/19/25
			TCLP Mercury	7470A		05/22/25	05/23/25	
			TCLPMetals Group2	6010D		05/21/25	05/22/25	
Q2079-11	WC-A2-03-C	TCLP			05/13/25			05/19/25
			TCLP Mercury	7470A		05/22/25	05/23/25	
			TCLPMetals Group2	6010D		05/21/25	05/22/25	



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-01-C	SDG No.:	Q2079
Lab Sample ID:	Q2079-02	Matrix:	SOIL
		% Solid:	75.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Oil and Grease	39.5		1	7.65	32.9	mg/Kg		05/23/25 09:30	SW9071B
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		05/20/25 09:25	9095B
pH	12.1	H	1	0	0	pH		05/20/25 17:02	9045D
TS	75.0		1	1.00	5.00	%		05/20/25 11:00	SM 2540 B-15
TVS	3.00	J	1	1.00	10.0	%		05/20/25 15:30	160.4

Comments: pH result reported at temperature 20.1 °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:	05/13/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-01-C	SDG No.:	Q2079
Lab Sample ID:	Q2079-03	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	12.1	H	1	0	0	pH		05/20/25 17:02	9045D
Ignitability	NO		1	0	0	oC		05/20/25 11:15	1030
Reactive Cyanide	0.010	J	1	0.0083	0.049	mg/Kg	05/20/25 10:45	05/20/25 14:18	9012B
Reactive Sulfide	3.16	J	1	0.20	10.0	mg/Kg	05/20/25 08:50	05/20/25 11:33	9034

Comments: pH result reported at temperature 20.1 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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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:	05/13/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-01-C	SDG No.:	Q2079
Lab Sample ID:	Q2079-04	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
ASTM Ammonia	0.83		1	0.030	0.10	mg/L	05/21/25 14:50	05/22/25 13:11	SM 4500-NH3 B plus NH3 G-11
ASTM COD	18.8		1	1.50	10.0	mg/L		05/22/25 13:27	SM 5220 D-11
ASTM Oil and Grease	0.30	J	1	0.29	5.00	mg/L		05/21/25 15:25	SW1664A
ASTM TS	1350		1	1.00	5.00	mg/L		05/22/25 11:00	SM 2540 B-15

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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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:	05/13/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-02-C	SDG No.:	Q2079
Lab Sample ID:	Q2079-06	Matrix:	SOIL
		% Solid:	79.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Oil and Grease	1160		1	7.28	31.3	mg/Kg		05/23/25 09:30	SW9071B
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		05/20/25 09:33	9095B
pH	12.1	H	1	0	0	pH		05/20/25 17:05	9045D
TS	80.3		1	1.00	5.00	%		05/20/25 11:00	SM 2540 B-15
TVS	2.40	J	1	1.00	10.0	%		05/20/25 15:30	160.4

Comments: pH result reported at temperature 20.4 °C

U = Not Detected

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

J = Estimated Value

B = Analyte Found in Associated Method Blank

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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:	05/13/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-02-C	SDG No.:	Q2079
Lab Sample ID:	Q2079-07	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	12.1	H	1	0	0	pH		05/20/25 17:05	9045D
Ignitability	NO		1	0	0	oC		05/20/25 11:22	1030
Reactive Cyanide	0.0083	U	1	0.0083	0.050	mg/Kg	05/20/25 10:45	05/20/25 14:18	9012B
Reactive Sulfide	4.76	J	1	0.20	10.0	mg/Kg	05/20/25 08:50	05/20/25 11:35	9034

Comments: pH result reported at temperature 20.4 °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:	05/13/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-02-C	SDG No.:	Q2079
Lab Sample ID:	Q2079-08	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
ASTM Ammonia	0.49		1	0.030	0.10	mg/L	05/21/25 14:50	05/22/25 13:11	SM 4500-NH3 B plus NH3 G-11
ASTM COD	37.7		1	1.50	10.0	mg/L		05/22/25 13:27	SM 5220 D-11
ASTM Oil and Grease	0.40	J	1	0.29	5.00	mg/L		05/21/25 15:25	SW1664A
ASTM TS	758		1	1.00	5.00	mg/L		05/22/25 11:00	SM 2540 B-15

Comments: _____

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D = Dilution
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H = Sample Analysis Out Of Hold Time

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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.
OR = Over Range
N = Spiked sample recovery not within control limits

Report of Analysis

Client:	ENTACT	Date Collected:	05/13/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-03-C	SDG No.:	Q2079
Lab Sample ID:	Q2079-10	Matrix:	SOIL
		% Solid:	79.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Oil and Grease	194		1	7.26	31.2	mg/Kg		05/23/25 09:30	SW9071B
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		05/20/25 09:40	9095B
pH	12.1	H	1	0	0	pH		05/20/25 17:10	9045D
TS	81.1		1	1.00	5.00	%		05/20/25 11:00	SM 2540 B-15
TVS	2.30	J	1	1.00	10.0	%		05/20/25 15:30	160.4

Comments: pH result reported at temperature 20.1 °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:	05/13/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-03-C	SDG No.:	Q2079
Lab Sample ID:	Q2079-11	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	12.1	H	1	0	0	pH		05/20/25 17:10	9045D
Ignitability	NO		1	0	0	oC		05/20/25 11:30	1030
Reactive Cyanide	0.011	J	1	0.0083	0.050	mg/Kg	05/20/25 10:45	05/20/25 14:18	9012B
Reactive Sulfide	3.19	J	1	0.20	10.0	mg/Kg	05/20/25 08:50	05/20/25 11:38	9034

Comments: pH result reported at temperature 20.1 °C

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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:	05/13/25 12:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	05/19/25
Client Sample ID:	WC-A2-03-C	SDG No.:	Q2079
Lab Sample ID:	Q2079-12	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
ASTM Ammonia	0.59		1	0.030	0.10	mg/L	05/21/25 14:50	05/22/25 13:11	SM 4500-NH3 B plus NH3 G-11
ASTM COD	43.7		1	1.50	10.0	mg/L		05/22/25 13:28	SM 5220 D-11
ASTM Oil and Grease	0.30	J	1	0.29	5.00	mg/L		05/21/25 15:25	SW1664A
ASTM TS	1100		1	1.00	5.00	mg/L		05/22/25 11:00	SM 2540 B-15

Comments:

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LAB CHRONICLE

OrderID:	Q2079	OrderDate:	5/19/2025 2:22:00 PM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	L31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2079-02	WC-A2-01-C	SOIL			05/13/25 12:00			05/19/25
			Oil and Grease	9071B			05/23/25 09:30	
			Paint Filter	9095B			05/20/25 09:25	
			pH	9045D			05/20/25 17:02	
			TS	SM2540 B			05/20/25 11:00	
			TVS	160.4			05/20/25 15:30	
Q2079-03	WC-A2-01-C	SOIL			05/13/25 12:00			05/19/25
			Corrosivity	9045D			05/20/25 17:02	
			Ignitability	1030			05/20/25 11:15	
			Reactive Cyanide	9012B		05/20/25	05/20/25 14:18	
			Reactive Sulfide	9034		05/20/25	05/20/25 11:33	
Q2079-04	WC-A2-01-C	WATER			05/13/25 12:00			05/19/25
			ASTM Ammonia	SM4500-NH3		05/21/25	05/22/25 13:11	
			ASTM COD	SM5220 D			05/22/25 13:27	
			ASTM Oil and Grease	1664A			05/21/25 15:25	

LAB CHRONICLE

Q2079-06	WC-A2-02-C	SOIL	ASTM TS	SM2540 B		05/22/25 11:00	05/19/25
					05/13/25 12:00		
			Oil and Grease	9071B		05/23/25 09:30	
			Paint Filter	9095B		05/20/25 09:33	
			pH	9045D		05/20/25 17:05	
			TS	SM2540 B		05/20/25 11:00	
			TVS	160.4		05/20/25 15:30	
Q2079-07	WC-A2-02-C	SOIL			05/13/25 12:00		05/19/25
			Corrosivity	9045D		05/20/25 17:05	
			Ignitability	1030		05/20/25 11:22	
			Reactive Cyanide	9012B		05/20/25 14:18	
			Reactive Sulfide	9034		05/20/25 11:35	
Q2079-08	WC-A2-02-C	WATER			05/13/25 12:00		05/19/25
			ASTM Ammonia	SM4500-NH3		05/21/25 05/22/25 13:11	
			ASTM COD	SM5220 D		05/22/25 13:27	
			ASTM Oil and Grease	1664A		05/21/25 15:25	
			ASTM TS	SM2540 B		05/22/25 11:00	
Q2079-10	WC-A2-03-C	SOIL			05/13/25 12:00		05/19/25
			Oil and Grease	9071B		05/23/25 09:30	

LAB CHRONICLE

Q2079-11	WC-A2-03-C	SOIL	Paint Filter	9095B		05/20/25 09:40
			pH	9045D		05/20/25 17:10
			TS	SM2540 B		05/20/25 11:00
			TVS	160.4		05/20/25 15:30
					05/13/25 12:00	05/19/25
Q2079-12	WC-A2-03-C	WATER	Corrosivity	9045D		05/20/25 17:10
			Ignitability	1030		05/20/25 11:30
			Reactive Cyanide	9012B	05/20/25	05/20/25 14:18
			Reactive Sulfide	9034	05/20/25	05/20/25 11:38
					05/13/25 12:00	05/19/25
			ASTM Ammonia	SM4500-NH3	05/21/25	05/22/25 13:11
			ASTM COD	SM5220 D		05/22/25 13:28
			ASTM Oil and Grease	1664A		05/21/25 15:25
			ASTM TS	SM2540 B		05/22/25 11:00



SHIPPING DOCUMENTS



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

CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2079

COC Number: 2042113

Page 1 of 2

CLIENT INFORMATION

COMPANY: ENTACT, LLC
ADDRESS: 150 Bay Street, Suite 806
CITY: Jersey City STATE: NJ ZIP: 07302
ATTENTION: Austin Farmerie
PHONE: 412-716-1366 FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY
PROJECT #: E9309 LOCATION: Brooklyn, NY
PROJECT MANAGER: Austin Farmerie
E-MAIL: afarmerie@entact.com
PHONE: 412-716-1366 FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC PO# E9309
ADDRESS: 999 Oakmont Plaza Drive, Suite 300
CITY: Westmont STATE: IL ZIP: 60559
ATTENTION: Wendy Murray PHONE: 800-936-8228

ANALYSIS

TCLP VOCs	TCLP ICP Metals + Cu, Ni, Zn	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH (Method 1311/9045 H+B)	I/C/R	PCBs	Oil & Grease
1	2	3	4	5	6	7	8	9

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles										<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		E	E	E	E	E	E	E	E	E	
1.	WC-A2-01-G	Soil		X	5/13	12:00	1	X									
2.	WC-A2-01-C	Soil	X		5/13	12:00	11		X	X	X	X	X	X	X	X	
3.	WC-A2-02-G	Soil		X	5/13	12:00	1	X									
4.	WC-A2-02-C	Soil	X		5/13	12:00	11		X	X	X	X	X	X	X	X	
5.	WC-A2-03-G	Soil		X	5/13	12:00	1	X									
6.	WC-A2-03-C	Soil	X		5/13	12:00	11		X	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 5/19 12:00	RECEIVED BY 	Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp 3.5°C <input type="checkbox"/> Ice in Cooler? _____
RELINQUISHED BY	DATE/TIME	RECEIVED BY	Comments:
2.		2.	
RELINQUISHED BY	DATE/TIME	RECEIVED FOR LAB BY	
3.	5-19-25	3.	

Page _____ of _____

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

Shipment Complete
☐ YES ☐ NO

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



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CHAIN OF CUSTODY RECORD

Alliance Project Number:

Q2079

COC Number: 2042113

Page 2 of 2

12

12.1

CLIENT INFORMATION

COMPANY: ENTACT, LLC
ADDRESS: 150 Bay Street, Suite 806
CITY Jersey City STATE: NJ ZIP: 07302
ATTENTION: Austin Farmerie
PHONE: 412-716-1366 FAX:

PROJECT INFORMATION

PROJECT NAME: 540 Degraw St Brooklyn, NY
PROJECT #: E9309 LOCATION: Brooklyn, NY
PROJECT MANAGER: Austin Farmerie
E-MAIL: afarmerie@entact.com
PHONE: 412-716-1366 FAX:

BILLING INFORMATION

BILL TO: ENTACT, LLC PO# E9309
ADDRESS: 999 Oakmont Plaza Drive, Suite 300
CITY: Westmont STATE: IL ZIP: 60559
ATTENTION: Wendy Murray PHONE: 800-936-8228

DATA TURNAROUND INFORMATION

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

DATA DELIVERABLE INFORMATION

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

ANALYSIS

ASTM COD	ASTM Ammonia Nitrogen	ASTM O&G	ASTM TS	TS, TVS	pH (9045D)	Paint Filter
10	11	12	13	14	15	16

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	E	E	E	E	E	E	E			<-- Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	WC-A2-01-G	Soil		X	5/13	12:00	1										
2.	WC-A2-01-C	Soil	X		5/13	12:00	11	X	X	X	X	X	X	X			
3.	WC-A2-02-G	Soil		X	5/13	12:00	1										
4.	WC-A2-02-C	Soil	X		5/13	12:00	11	X	X	X	X	X	X	X			
5.	WC-A2-03-G	Soil		X	5/13	12:00	1										
6.	WC-A2-03-C	Soil	X		5/13	12:00	11	X	X	X	X	X	X	X			
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER 1. Austin Farmerie	DATE/TIME 5-19-28 1400	RECEIVED BY [Signature] 5-19-28 1400	Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp 3.5C <input type="checkbox"/> Ice in Cooler?:
RELINQUISHED BY 2.	DATE/TIME	RECEIVED BY	Comments:
RELINQUISHED BY 3. [Signature]	DATE/TIME 5-19-28 1930	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

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