

DATA PACKAGE

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

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

ENTACT

606 E. Baltimore Pike

Floor 3

Media, PA - 19063

Phone No: 4844440702

ORDER ID : Q1523

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) : Q1523

Sampling Date(s) : 03/06/2025

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 : Q1523

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

Client : ENTACT

Lab Sample Number

Q1523-01
Q1523-02
Q1523-03
Q1523-04
Q1523-05
Q1523-06
Q1523-07
Q1523-08

Client Sample Number

WC-A1-01-G
WC-A1-01-C
WC-A1-01-C
WC-A1-02-G
WC-A1-02-C
WC-A1-02-C
WC-A1-01-C
WC-A1-02-C

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

Signature : _____

Date: 3/24/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ENTACT

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

Project # N/A

Chemtech Project # Q1523

Test Name: TCLP VOA

A. Number of Samples and Date of Receipt:

8 Solid samples were received on 03/07/2025.

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.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria.

The Blank Spike met requirements for all samples.

The Blank Spike Duplicate met requirements for all samples.

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

The Initial Calibration met the requirements.

The Continuous Calibration File ID VN085928.D met the requirements except for 4-Bromofluorobenzene is failing high which is not our target compound, therefore no corrective action taken.

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_____

CASE NARRATIVE

ENTACT

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

Project # N/A

Chemtech Project # Q1523

Test Name: TCLP BNA

A. Number of Samples and Date of Receipt:

8 Solid samples were received on 03/07/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, Corrosivity, Ignitability, Oil and Grease, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TCLP Metals Group2, TS and TVS. This data package contains results for TCLP BNA.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_G using GC Column ZB-Semi Volatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GG. The analysis of TCLP BNA was based on method 8270E and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for WC-A2-02-CMSD [2,4,6-Tribromophenol - 115%]. this compound did not meet the NJDKQP criteria but met the in-house criteria, therefore no further corrective action required.

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 % RSD is greater than 20% in the Initial Calibration (8270-BG030525.M) for 2,4-Dinitrotoluene. this compound is passing on Linear Regression. The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:

The Data package has been revised due to client ids changed for some 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.

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CASE NARRATIVE

ENTACT

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

Project # N/A

Chemtech Project # Q1523

Test Name: TCLP Pesticide

A. Number of Samples and Date of Receipt:

8 Solid samples were received on 03/07/2025.

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 um df,; Catalog # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11. The analysis of TCLP Pesticides was based on method 8081B and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .



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Phone: 908 789 8900 Fax: 908 789 8922

E. Additional Comments:

The Data package has been revised due to client ids changed for some samples.

F. Manual Integration Comments:

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

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

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CASE NARRATIVE

ENTACT

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

Project # N/A

Chemtech Project # Q1523

Test Name: PCB

A. Number of Samples and Date of Receipt:

8 Solid samples were received on 03/07/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, Corrosivity, Ignitability, Oil and Grease, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TCLP Metals Group2, TS and TVS. This data package contains results for PCB.

C. Analytical Techniques:

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

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

E. Additional Comments:

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

The Data package has been revised due to client ids changed for some samples.

F. Manual Integration Comments:



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

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CASE NARRATIVE

ENTACT

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

Project # N/A

Chemtech Project # Q1523

Test Name: TCLP Herbicide

A. Number of Samples and Date of Receipt:

8 Solid samples were received on 03/07/2025.

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 μ m df, Catalog # 11139. The rear column is RTX-CLPesticides2 which is 30 meters, 0.32 mm ID, 0.25 μ m df, Catalog #: 11324. The analysis of TCLP Herbicides was based on method 8151A and extraction was done based on method 3510 and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The MS {Q1488-02MS} with File ID: PS029402.D recoveries met the requirements for all compounds except for 2,4,5-TP(Silvex)[140%] this compound did not meet the NJDKQP criteria and in-house criteria due to matrix interference.

The MSD {Q1488-02MSD} with File ID: PS029403.D recoveries met the acceptable requirements except for 2,4,5-TP(Silvex)[152%] this compound did not meet the NJDKQP criteria and in-house criteria due to matrix interference.

The RPD met criteria .

The Blank Spike met requirements for all samples .

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

The Initial Calibration met the requirements .



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The Continuous Calibration met the requirements .

E. Additional Comments:

The Data package has been revised due to client ids changed for some samples.

F. Manual Integration Comments:

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

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

Signature_____

CASE NARRATIVE

ENTACT

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

Project # N/A

Chemtech Project # Q1523

Test Name: TCLP Mercury, TCLP ICP Metals

A. Number of Samples and Date of Receipt:

8 Solid samples were received on 03/07/2025.

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 Mercury, TCLP ICP Metals.

C. Analytical Techniques:

The analysis of TCLP ICP Metals was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

The Matrix Spike Duplicate (COMP-3MSD) analysis met criteria for all samples except for Mercury due to sample matrix interference.

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:

The Data package has been revised due to client ids changed for some samples.

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_____

CASE NARRATIVE

ENTACT

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

Project # N/A

Chemtech Project # Q1523

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

A. Number of Samples and Date of Receipt:

8 Solid samples were received on 03/07/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: ASTM Ammonia, ASTM COD, ASTM Leach Extraction, ASTM Oil and Grease, ASTM TS, Corrosivity, Ignitability, Oil and Grease, Paint Filter, PCB, pH, RCRA CHARACTERISTICS, Reactive Cyanide, Reactive Sulfide, TCLP BNA, TCLP Extraction, TCLP Herbicide, TCLP ICP Metals, TCLP Mercury, TCLP Pesticide, TCLP VOA, TCLP ZHE Extraction, TCLP-FULL, TCLP Metals Group2, TS and TVS. This data package contains results for ASTM Ammonia,TS,Oil and Grease,Corrosivity,pH,Paint Filter,ASTM TS,TVS,ASTM COD,Ignitability,ASTM Oil and Grease,Reactive Cyanide,Reactive Sulfide.

C. Analytical Techniques:

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

D. QA/ QC Samples:

The Holding Times were met for all samples except for WC-A1-01-C of pH, for WC-A1-01-C of Corrosivity.for WC-A1-02-C of pH.for WC-A1-02-C of Corrosivity as these samples received out of hold.

The Blank Spike met requirements for all samples.

The Duplicate (CLAY-SLUDGE-DRUMSDUP) analysis met criteria for all samples except for Reactive Cyanide but sample and duplicate results are below reporting limit. The Matrix Spike (WC-A1-02-CMS) analysis met criteria for all samples except for Oil and Grease due to matrix interference.



The Matrix Spike Duplicate (WC-A1-02-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:

The Data package has been revised due to client ids changed for some samples.

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_____

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 #: Q1523

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: 03/24/2025

Hit Summary Sheet
SW-846

SDG No.: Q1523
Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID: Q1523-01	WC-A1-01-G WC-A1-01-G	TCLP	Benzene	12.3		0.15	5.00	ug/L
			Total Voc :	12.3				
			Total Concentration:	12.3				
Client ID: Q1523-04	WC-A1-02-G WC-A1-02-G	TCLP	Benzene	59.7		0.15	5.00	ug/L
			Total Voc :	59.7				
			Total Concentration:	59.7				



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A1-01-G	SDG No.:	Q1523
Lab Sample ID:	Q1523-01	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085950.D	1		03/11/25 22:41	VN031125

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	12.3		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	5.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	5.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	5.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	58.8		70 (74) - 130 (125)	118%	SPK: 50
1868-53-7	Dibromofluoromethane	41.1		70 (75) - 130 (124)	82%	SPK: 50
2037-26-5	Toluene-d8	48.5		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.9		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	159000	8.224			
540-36-3	1,4-Difluorobenzene	305000	9.1			
3114-55-4	Chlorobenzene-d5	277000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	133000	13.788			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A1-02-G	SDG No.:	Q1523
Lab Sample ID:	Q1523-04	Matrix:	TCLP
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	TCLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :	SW5035		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085951.D	1		03/11/25 23:05	VN031125

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	59.7		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	55.7		70 (74) - 130 (125)	111%	SPK: 50
1868-53-7	Dibromofluoromethane	38.3		70 (75) - 130 (124)	77%	SPK: 50
2037-26-5	Toluene-d8	47.6		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	183000	8.224			
540-36-3	1,4-Difluorobenzene	343000	9.1			
3114-55-4	Chlorobenzene-d5	297000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	139000	13.788			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	Q1523	OrderDate:	3/7/2025 10:35:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	I31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1523-01	WC-A1-01-G	TCLP	TCLP VOA	8260D	03/06/25		03/11/25	03/07/25
Q1523-04	WC-A1-02-G	TCLP	TCLP VOA	8260D	03/06/25		03/11/25	03/07/25



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

Hit Summary Sheet
SW-846

SDG No.: Q1523
Client: ENTACT

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



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:	03/11/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/11/25	
Client Sample ID:	PB167049TB		SDG No.:	Q1523	
Lab Sample ID:	PB167049TB		Matrix:	TCLP	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141934.D	1	03/11/25 11:15	03/12/25 11:36	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
110-86-1	Pyridine	12.8	U	12.8	50.0	ug/Kg
106-46-7	1,4-Dichlorobenzene	5.30	U	5.30	50.0	ug/Kg
95-48-7	2-Methylphenol	11.2	U	11.2	50.0	ug/Kg
65794-96-9	3+4-Methylphenols	11.0	U	11.0	100	ug/Kg
67-72-1	Hexachloroethane	6.50	U	6.50	50.0	ug/Kg
98-95-3	Nitrobenzene	7.60	U	7.60	50.0	ug/Kg
87-68-3	Hexachlorobutadiene	5.40	U	5.40	50.0	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5.10	U	5.10	50.0	ug/Kg
95-95-4	2,4,5-Trichlorophenol	6.20	U	6.20	50.0	ug/Kg
121-14-2	2,4-Dinitrotoluene	12.2	U	12.2	50.0	ug/Kg
118-74-1	Hexachlorobenzene	5.20	U	5.20	50.0	ug/Kg
87-86-5	Pentachlorophenol	15.8	U	15.8	100	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	142		15 (10) - 110 (139)	95%	SPK: 150
13127-88-3	Phenol-d6	135		15 (10) - 110 (134)	90%	SPK: 150
4165-60-0	Nitrobenzene-d5	97.7		30 (49) - 130 (133)	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	98.3		30 (52) - 130 (132)	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		15 (44) - 110 (137)	96%	SPK: 150
1718-51-0	Terphenyl-d14	90.8		30 (48) - 130 (125)	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	142000	6.881			
1146-65-2	Naphthalene-d8	564000	8.157			
15067-26-2	Acenaphthene-d10	314000	9.916			
1517-22-2	Phenanthrene-d10	545000	11.398			
1719-03-5	Chrysene-d12	397000	14.033			
1520-96-3	Perylene-d12	371000	15.51			

Report of Analysis

Client:	ENTACT		Date Collected:	03/11/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/11/25	
Client Sample ID:	PB167049TB		SDG No.:	Q1523	
Lab Sample ID:	PB167049TB		Matrix:	TCLP	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141934.D	1	03/11/25 11:15	03/12/25 11:36	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

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

Report of Analysis

Client:	ENTACT		Date Collected:	03/06/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/07/25	
Client Sample ID:	WC-A1-01-C		SDG No.:	Q1523	
Lab Sample ID:	Q1523-03		Matrix:	TCLP	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141923.D	1	03/11/25 11:15	03/11/25 18:42	PB167089

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	124		15 (10) - 110 (139)	83%	SPK: 150
13127-88-3	Phenol-d6	109		15 (10) - 110 (134)	72%	SPK: 150
4165-60-0	Nitrobenzene-d5	95.3		30 (49) - 130 (133)	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	103		30 (52) - 130 (132)	103%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		15 (44) - 110 (137)	90%	SPK: 150
1718-51-0	Terphenyl-d14	82.4		30 (48) - 130 (125)	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	133000	6.881			
1146-65-2	Naphthalene-d8	499000	8.163			
15067-26-2	Acenaphthene-d10	254000	9.91			
1517-22-2	Phenanthrene-d10	415000	11.398			
1719-03-5	Chrysene-d12	364000	14.033			
1520-96-3	Perylene-d12	276000	15.504			

Report of Analysis

Client:	ENTACT		Date Collected:	03/06/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/07/25	
Client Sample ID:	WC-A1-01-C		SDG No.:	Q1523	
Lab Sample ID:	Q1523-03		Matrix:	TCLP	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141923.D	1	03/11/25 11:15	03/11/25 18:42	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

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

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A1-02-C	SDG No.:	Q1523
Lab Sample ID:	Q1523-06	Matrix:	TCLP
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	100 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	TCLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064100.D	1	03/11/25 11:15	03/11/25 17:59	PB167089

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	130		15 (10) - 110 (139)	87%	SPK: 150
13127-88-3	Phenol-d6	117		15 (10) - 110 (134)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	110		30 (49) - 130 (133)	110%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.2		30 (52) - 130 (132)	94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	159		15 (44) - 110 (137)	106%	SPK: 150
1718-51-0	Terphenyl-d14	97.9		30 (48) - 130 (125)	98%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	37300	7.865			
1146-65-2	Naphthalene-d8	156000	10.65			
15067-26-2	Acenaphthene-d10	104000	14.486			
1517-22-2	Phenanthrene-d10	217000	17.224			
1719-03-5	Chrysene-d12	226000	21.455			
1520-96-3	Perylene-d12	245000	24.469			

Report of Analysis

Client:	ENTACT		Date Collected:	03/06/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/07/25	
Client Sample ID:	WC-A1-02-C		SDG No.:	Q1523	
Lab Sample ID:	Q1523-06		Matrix:	TCLP	
Analytical Method:	SW8270		% Solid:	0	
Sample Wt/Vol:	100	Units: mL	Final Vol:	1000	uL
Soil Aliquot Vol:		uL	Test:	TCLP BNA	
Extraction Type :		Decanted : N	Level :	LOW	
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N	PH :
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG064100.D	1	03/11/25 11:15	03/11/25 17:59	PB167089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

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

LAB CHRONICLE

OrderID:	Q1523	OrderDate:	3/7/2025 10:35:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	I31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1523-03	WC-A1-01-C	TCLP	TCLP BNA	8270E	03/06/25	03/11/25	03/11/25	03/07/25
Q1523-06	WC-A1-02-C	TCLP	TCLP BNA	8270E	03/06/25	03/11/25	03/11/25	03/07/25

Hit Summary Sheet SW-846

SDG No.: Q1523

Order ID: Q1523

Client: ENTACT

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

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

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:		
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/11/25	
Client Sample ID:	PB167049TB		SDG No.:	Q1523	
Lab Sample ID:	PB167049TB		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094685.D	1	03/11/25 11:54	03/13/25 17:47	PB167091

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	23.5		30 (43) - 150 (140)	117%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.1		30 (77) - 150 (126)	96%	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:	03/06/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/07/25	
Client Sample ID:	WC-A1-01-C		SDG No.:	Q1523	
Lab Sample ID:	Q1523-03		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094661.D	1	03/11/25 11:54	03/12/25 21:41	PB167091

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	25.1		30 (43) - 150 (140)	126%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.0		30 (77) - 150 (126)	100%	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:	03/06/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/07/25	
Client Sample ID:	WC-A1-02-C		SDG No.:	Q1523	
Lab Sample ID:	Q1523-06		Matrix:	TCLP	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Pesticide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094662.D	1	03/11/25 11:54	03/12/25 21:55	PB167091

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	26.9		30 (43) - 150 (140)	134%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.4		30 (77) - 150 (126)	102%	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:	Q1523	OrderDate:	3/7/2025 10:35:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	I31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1523-02	WC-A1-01-C	SOIL	PCB	8082A	03/06/25	03/10/25	03/10/25	03/07/25
Q1523-03	WC-A1-01-C	TCLP	TCLP Herbicide TCLP Pesticide	8151A 8081B	03/06/25	03/11/25 03/11/25	03/12/25 03/12/25	03/07/25
Q1523-05	WC-A1-02-C	SOIL	PCB	8082A	03/06/25	03/10/25	03/10/25	03/07/25
Q1523-06	WC-A1-02-C	TCLP	TCLP Herbicide TCLP Pesticide	8151A 8081B	03/06/25	03/11/25 03/11/25	03/12/25 03/12/25	03/07/25

Hit Summary Sheet
SW-846

A

B

C

D

SDG No.:	Q1523	Order ID:	Q1523
Client:	ENTACT	Project ID:	540 Degraw St, Brooklyn, NY - E9309

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

Total Concentration: 0.000



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:	03/06/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/07/25	
Client Sample ID:	WC-A1-01-C		SDG No.:	Q1523	
Lab Sample ID:	Q1523-02		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	78.6	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
PP070397.D	1	03/10/25 08:35	03/10/25 14:01	PB167043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	21.6	ug/kg
11104-28-2	Aroclor-1221	8.10	U	8.10	21.6	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	21.6	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	21.6	ug/kg
12672-29-6	Aroclor-1248	10.0	U	10.0	21.6	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	21.6	ug/kg
37324-23-5	Aroclor-1262	5.80	U	5.80	21.6	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	21.6	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	21.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.7		30 (32) - 150 (144)	114%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.8		30 (32) - 150 (175)	79%	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:	03/06/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/07/25	
Client Sample ID:	WC-A1-02-C		SDG No.:	Q1523	
Lab Sample ID:	Q1523-05		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	78	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
PP070400.D	1	03/10/25 08:35	03/10/25 14:49	PB167043

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.30	U	4.30	21.8	ug/kg
11104-28-2	Aroclor-1221	8.20	U	8.20	21.8	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	21.8	ug/kg
53469-21-9	Aroclor-1242	4.30	U	4.30	21.8	ug/kg
12672-29-6	Aroclor-1248	10.1	U	10.1	21.8	ug/kg
11097-69-1	Aroclor-1254	3.50	U	3.50	21.8	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	21.8	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	21.8	ug/kg
11096-82-5	Aroclor-1260	3.70	U	3.70	21.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		30 (32) - 150 (144)	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.4		30 (32) - 150 (175)	77%	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:	Q1523	OrderDate:	3/7/2025 10:35:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	I31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1523-02	WC-A1-01-C	SOIL	PCB	8082A	03/06/25	03/10/25	03/10/25	03/07/25
Q1523-03	WC-A1-01-C	TCLP	TCLP Herbicide TCLP Pesticide	8151A 8081B	03/06/25	03/11/25 03/11/25	03/12/25 03/12/25	03/07/25
Q1523-05	WC-A1-02-C	SOIL	PCB	8082A	03/06/25	03/10/25	03/10/25	03/07/25
Q1523-06	WC-A1-02-C	TCLP	TCLP Herbicide TCLP Pesticide	8151A 8081B	03/06/25	03/11/25 03/11/25	03/12/25 03/12/25	03/07/25



Hit Summary Sheet
SW-846

A

B

C

D

SDG No.: Q1523

Order ID: Q1523

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:	03/11/25	
Client Sample ID:	PB167049TB		SDG No.:	Q1523	
Lab Sample ID:	PB167049TB		Matrix:	TCLP	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029400.D	1	03/11/25 11:30	03/12/25 11:09	PB167090

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	538		70 (39) - 130 (175)	108%	SPK: 500

Comments:

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

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

Report of Analysis

Client:	ENTACT		Date Collected:	03/06/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/07/25	
Client Sample ID:	WC-A1-01-C		SDG No.:	Q1523	
Lab Sample ID:	Q1523-03		Matrix:	TCLP	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029414.D	1	03/11/25 11:30	03/12/25 17:03	PB167090

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	490		70 (39) - 130 (175)	98%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT		Date Collected:	03/06/25	
Project:	540 Degraw St, Brooklyn, NY - E9309		Date Received:	03/07/25	
Client Sample ID:	WC-A1-02-C		SDG No.:	Q1523	
Lab Sample ID:	Q1523-06		Matrix:	TCLP	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	100	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	TCLP Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS029415.D	1	03/11/25 11:30	03/12/25 17:27	PB167090

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	511		70 (39) - 130 (175)	102%	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:	Q1523	OrderDate:	3/7/2025 10:35:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	I31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1523-02	WC-A1-01-C	SOIL			03/06/25			03/07/25
			PCB	8082A		03/10/25	03/10/25	
Q1523-03	WC-A1-01-C	TCLP			03/06/25			03/07/25
			TCLP Herbicide	8151A		03/11/25	03/12/25	
			TCLP Pesticide	8081B		03/11/25	03/12/25	
Q1523-05	WC-A1-02-C	SOIL			03/06/25			03/07/25
			PCB	8082A		03/10/25	03/10/25	
Q1523-06	WC-A1-02-C	TCLP			03/06/25			03/07/25
			TCLP Herbicide	8151A		03/11/25	03/12/25	
			TCLP Pesticide	8081B		03/11/25	03/12/25	

Hit Summary Sheet SW-846

SDG No.:	Q1523	Order ID:	Q1523
Client:	ENTACT	Project ID:	540 Degraw St, Brooklyn, NY - E9309

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : WC-A1-01-C								
Q1523-03	WC-A1-01-C	TCLP	Barium	437	J	62.8	500	ug/L
Q1523-03	WC-A1-01-C	TCLP	Chromium	16.7	J	6.60	50.0	ug/L
Client ID : WC-A1-02-C								
Q1523-06	WC-A1-02-C	TCLP	Barium	382	J	62.8	500	ug/L
Q1523-06	WC-A1-02-C	TCLP	Chromium	20.5	J	6.60	50.0	ug/L



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A1-01-C	SDG No.:	Q1523
Lab Sample ID:	Q1523-03	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	34.8	U	1	34.8	100	ug/L	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050
7440-39-3	Barium	437	J	1	62.8	500	ug/L	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050
7440-43-9	Cadmium	0.94	U	1	0.94	30.0	ug/L	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050
7440-47-3	Chromium	16.7	J	1	6.60	50.0	ug/L	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050
7439-97-6	Mercury	0.81	UN	1	0.81	2.00	ug/L	03/11/25 15:10	03/12/25 11:32	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	03/11/25 12:05	03/11/25 17:16	SW6010	SW3050

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

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

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

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A1-02-C	SDG No.:	Q1523
Lab Sample ID:	Q1523-06	Matrix:	TCLP
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7440-38-2	Arsenic	34.8	U	1	34.8	100	ug/L	03/11/25 12:05	03/11/25 17:20	SW6010	SW3050
7440-39-3	Barium	382	J	1	62.8	500	ug/L	03/11/25 12:05	03/11/25 17:20	SW6010	SW3050
7440-43-9	Cadmium	0.94	U	1	0.94	30.0	ug/L	03/11/25 12:05	03/11/25 17:20	SW6010	SW3050
7440-47-3	Chromium	20.5	J	1	6.60	50.0	ug/L	03/11/25 12:05	03/11/25 17:20	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	03/11/25 12:05	03/11/25 17:20	SW6010	SW3050
7439-97-6	Mercury	0.81	UN	1	0.81	2.00	ug/L	03/11/25 15:10	03/12/25 11:34	SW7470A	
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	03/11/25 12:05	03/11/25 17:20	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	03/11/25 12:05	03/11/25 17:20	SW6010	SW3050

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

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

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

LAB CHRONICLE

OrderID:	Q1523	OrderDate:	3/7/2025 10:35:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	I31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1523-03	WC-A1-01-C	TCLP			03/06/25			03/07/25
			TCLP ICP Metals	6010D		03/11/25	03/11/25	
			TCLP Mercury	7470A		03/11/25	03/12/25	
Q1523-06	WC-A1-02-C	TCLP			03/06/25			03/07/25
			TCLP ICP Metals	6010D		03/11/25	03/11/25	
			TCLP Mercury	7470A		03/11/25	03/12/25	



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25 10:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A1-01-C	SDG No.:	Q1523
Lab Sample ID:	Q1523-02	Matrix:	SOIL
		% Solid:	78.6

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Oil and Grease	3030		1	4.13	31.7	mg/Kg		03/11/25 09:45	SW9071B
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		03/10/25 11:12	9095B
pH	12.3	H	1	0	0	pH		03/10/25 09:55	9045D
TS	78.9		1	1.00	5.00	%		03/07/25 12:00	SM 2540 B-15
TVS	2.60	J	1	1.00	10.0	%		03/07/25 15:30	160.4

Comments: pH result reported at temperature 23.9 °C

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

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

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25 10:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A1-01-C	SDG No.:	Q1523
Lab Sample ID:	Q1523-03	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	12.3	H	1	0	0	pH		03/10/25 09:55	9045D
Ignitability	NO		1	0	0	oC		03/10/25 09:52	1030
Reactive Cyanide	0.063	J	1	0.043	0.25	mg/Kg	03/10/25 11:00	03/10/25 15:44	9012B
Reactive Sulfide	4.79	J	1	0.19	10.0	mg/Kg	03/10/25 13:30	03/11/25 08:53	9034

Comments: pH result reported at temperature 23.9 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25 11:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A1-02-C	SDG No.:	Q1523
Lab Sample ID:	Q1523-05	Matrix:	SOIL
		% Solid:	78

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Oil and Grease	3440		1	4.16	32.0	mg/Kg		03/11/25 09:45	SW9071B
Paint Filter	1.00	U	1	1.00	1.00	ml/100gm		03/10/25 11:20	9095B
pH	12.3	H	1	0	0	pH		03/10/25 10:10	9045D
TS	78.3		1	1.00	5.00	%		03/07/25 12:00	SM 2540 B-15
TVS	2.90	J	1	1.00	10.0	%		03/07/25 15:30	160.4

Comments: pH result reported at temperature 24.0 °C

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

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

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25 11:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A1-02-C	SDG No.:	Q1523
Lab Sample ID:	Q1523-06	Matrix:	SOIL
		% Solid:	100

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Corrosivity	12.3	H	1	0	0	pH		03/10/25 10:10	9045D
Ignitability	NO		1	0	0	oC		03/10/25 10:00	1030
Reactive Cyanide	0.071	J	1	0.043	0.24	mg/Kg	03/10/25 11:00	03/10/25 15:44	9012B
Reactive Sulfide	6.35	J	1	0.19	10.0	mg/Kg	03/10/25 13:30	03/11/25 08:56	9034

Comments: pH result reported at temperature 24.0 °C

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

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

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

OR = Over Range

N =Spiked sample recovery not within control limits

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25 10:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A1-01-C	SDG No.:	Q1523
Lab Sample ID:	Q1523-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
ASTM Ammonia	0.47		1	0.045	0.10	mg/L	03/12/25 08:45	03/12/25 17:20	SM 4500-NH3 B plus NH3 G-11
ASTM COD	23.6		1	2.35	10.0	mg/L		03/12/25 15:02	SM 5220 D-11
ASTM Oil and Grease	0.40	U	1	0.40	5.00	mg/L		03/12/25 10:30	SW1664A
ASTM TS	1200		1	1.00	5.00	mg/L		03/11/25 10:00	SM 2540 B-15

Comments:

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

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

Report of Analysis

Client:	ENTACT	Date Collected:	03/06/25 11:00
Project:	540 Degraw St, Brooklyn, NY - E9309	Date Received:	03/07/25
Client Sample ID:	WC-A1-02-C	SDG No.:	Q1523
Lab Sample ID:	Q1523-08	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
ASTM Ammonia	0.70		1	0.045	0.10	mg/L	03/12/25 08:45	03/12/25 17:20	SM 4500-NH3 B plus NH3 G-11
ASTM COD	19.6		1	2.35	10.0	mg/L		03/12/25 15:02	SM 5220 D-11
ASTM Oil and Grease	0.40	J	1	0.40	5.00	mg/L		03/12/25 10:30	SW1664A
ASTM TS	1210		1	1.00	5.00	mg/L		03/11/25 10:00	SM 2540 B-15

Comments: _____

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

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

LAB CHRONICLE

OrderID:	Q1523	OrderDate:	3/7/2025 10:35:00 AM
Client:	ENTACT	Project:	540 Degraw St, Brooklyn, NY - E9309
Contact:	Jarod Stanfield	Location:	I31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1523-02	WC-A1-01-C	SOIL			03/06/25 10:00			03/07/25
			Oil and Grease	9071B			03/11/25 09:45	
			Paint Filter	9095B			03/10/25 11:12	
			pH	9045D			03/10/25 09:55	
			TS	SM2540 B			03/07/25 12:00	
			TVS	160.4			03/07/25 15:30	
Q1523-03	WC-A1-01-C	SOIL			03/06/25 10:00			03/07/25
			Corrosivity	9045D			03/10/25 09:55	
			Ignitability	1030			03/10/25 09:52	
			Reactive Cyanide	9012B		03/10/25	03/10/25 15:44	
			Reactive Sulfide	9034		03/10/25	03/11/25 08:53	
Q1523-05	WC-A1-02-C	SOIL			03/06/25 11:00			03/07/25
			Oil and Grease	9071B			03/11/25 09:45	
			Paint Filter	9095B			03/10/25 11:20	
			pH	9045D			03/10/25 10:10	

LAB CHRONICLE

Q1523-06	WC-A1-02-C	SOIL	TS	SM2540 B		03/07/25 12:00
			TVS	160.4		03/07/25 15:30
					03/06/25 11:00	03/07/25
			Corrosivity	9045D		03/10/25 10:10
			Ignitability	1030		03/10/25 10:00
Q1523-07	WC-A1-01-C	WATER	Reactive Cyanide	9012B	03/10/25	03/10/25 15:44
			Reactive Sulfide	9034	03/10/25	03/11/25 08:56
					03/06/25 10:00	03/07/25
			ASTM Ammonia	SM4500-NH3	03/12/25	03/12/25 17:20
			ASTM COD	SM5220 D		03/12/25 15:02
Q1523-08	WC-A1-02-C	WATER	ASTM Oil and Grease	1664A		03/12/25 10:30
			ASTM TS	SM2540 B		03/11/25 10:00
					03/06/25 11:00	03/07/25
			ASTM Ammonia	SM4500-NH3	03/12/25	03/12/25 17:20
			ASTM COD	SM5220 D		03/12/25 15:02
			ASTM Oil and Grease	1664A		03/12/25 10:30
			ASTM TS	SM2540 B		03/11/25 10:00



SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 Fax: (908) 788-9222
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CHAIN OF CUSTODY RECORD

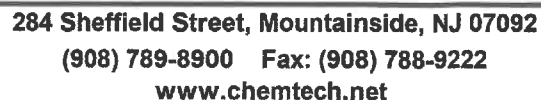
Alliance Project Number:

Q1523

COC Number: 2042110

Page 1 of 2

CLIENT INFORMATION				PROJECT INFORMATION				BILLING INFORMATION																													
COMPANY: ENTACT, LLC				PROJECT NAME: 540 Degraw St Brooklyn, NY				BILL TO: ENTACT, LLC PO# E9309																													
ADDRESS: 150 Bay Street, Suite 806				PROJECT #: E9309 LOCATION: Brooklyn, NY				ADDRESS: 999 Oakmont Plaza Drive, Suite 300																													
CITY: Jersey City STATE: NJ ZIP: 07302				PROJECT MANAGER: Jarod Stanfield				CITY: Westmont STATE: IL ZIP: 60559																													
ATTENTION: Jarod Stanfield				E-MAIL: jstanfield@entact.com				ATTENTION: Wendy Murray PHONE: 800-936-8228																													
PHONE: 570-886-0442 FAX:				PHONE: 570-886-0442 FAX:																																	
DATA TURNAROUND INFORMATION				DATA DELIVERABLE INFORMATION				ANALYSIS																													
FAX: 5 DAYS* HARD COPY: DAYS* EDD 5 DAYS* * TO BE APPROVED BY ALLIANCE STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS				<input type="checkbox"/> RESEULTS ONLY <input type="checkbox"/> USEPA CLP <input type="checkbox"/> RESULTS + QC <input type="checkbox"/> New York State ASP "B" <input type="checkbox"/> New Jersey REDUCED <input type="checkbox"/> New York State ASP "A" <input type="checkbox"/> New Jersey CLP <input type="checkbox"/> Other _____ <input type="checkbox"/> EDD Format _____				<table><tr><td>TCLP VOCs</td><td>TCLP ICP Metals</td><td>TCLP Herb</td><td>TCLP Pest</td><td>TCLP SVOCs</td><td>TCLP pH</td><td>I/C/R</td><td>PCBs</td><td>Oil & Grease</td></tr><tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td></tr></table>												TCLP VOCs	TCLP ICP Metals	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH	I/C/R	PCBs	Oil & Grease	1	2	3	4	5	6	7	8	9
TCLP VOCs	TCLP ICP Metals	TCLP Herb	TCLP Pest	TCLP SVOCs	TCLP pH	I/C/R	PCBs	Oil & Grease																													
1	2	3	4	5	6	7	8	9																													
								PRESERVATIVES																													
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	E	E	E	E	E	E	E	E	COMMENTS ← 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-A1-01-G	Soil		X	3/6	10:00	1	X																													
2.	WC-A1-01-C	Soil	X		3/6	10:00	11		X	X	X	X	X	X	X																						
3.	WC-A1-02-G	Soil		X	3/6	11:00	1	X																													
4.	WC-A2-02-C	Soil	X		3/6	11:00	11		X	X	X	X	X	X	X																						
5.																																					
6.																																					
7.																																					
8.																																					
9.																																					
10.																																					
SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROSSESSON INCLUDING COURIER DELIVERY																																					
RELINQUISHED BY SAMPLER 1. Jarod Stanfield		DATE/TIME 3/6 15:31	RECEIVED BY 1.		3-7-25 0300		Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp 5.3°C Ice in Cooler?: _____																														
RELINQUISHED BY 2.		DATE/TIME	RECEIVED BY 2.		Comments:																																
RELINQUISHED BY 3.		DATE/TIME	RECEIVED FOR LAB BY 3.		Page _____ of _____				SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight ALLIANCE: <input type="checkbox"/> Picked Up <input type="checkbox"/> Overnight						Shipment Complete <input type="checkbox"/> YES <input type="checkbox"/> NO																						
WHITE - ALLIANCE COPYFOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY																																					



Alliance Project Number:

COC Number: 2042110

Page 2 of 2

From: Caroline Panico <cpanico@entact.com>
Sent: Friday, March 21, 2025 12:27 PM
To: Yazmeen Gomez
Cc: Jonathan Intrieri; Jarod Stanfield
Subject: 540 Degraw St, Brooklyn, NY - E9309_Lab ID Q1523
Attachments: FAX - Q1523 - 03-14-25.pdf; Q1523 EXCEL.xls

12
12.2

Yazmeen

I am requesting a revision to the attached lab report Q1523 and EDD. I noticed that on Line 4 of our COC, we mislabeled a sample. The sample labeled WC-A2-02-C should be WC-A1-02-C (it corresponds with WC-A1-02-G)

As a result, the attached lab report (pages 15-24) and EDD have the incorrect sample IDs.

Can we get the lab report and EDD revised to reflect the correct sample ID?

Let me know if you have questions or need anything from us to make the change.

Thanks



Caroline Panico
ENTACT, LLC

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

Direct: 630.413.9437 | Cell: 630.669.4257

cpanico@entact.com | www.entact.com

Environmental and Geotechnical Construction Services

Laboratory Certification

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