

DATA PACKAGE

VOLATILE ORGANICS
METALS
GC SEMI-VOLATILES

PROJECT NAME : NORTH POINT

ENTACT

606 E. Baltimore Pike

Floor 3

Media, PA - 19063

Phone No: 4844440702

ORDER ID : P5224

ATTENTION : Wyatt Seel



Laboratory Certification ID # 20012



1) Signature Page	3
2) Case Narrative	5
2.1) VOC-TCLVOA-10- Case Narrative	5
2.2) PCB- Case Narrative	7
2.3) Metals-TCLP- Case Narrative	9
3) Qualifier Page	11
4) QA Checklist	13
5) VOC-TCLVOA-10 Data	14
6) PCB Data	20
7) Metals-TCLP Data	24
8) Shipping Document	28
8.1) CHAIN OF CUSTODY	29
8.2) Lab Certificate	30
8.3) Internal COC	31

1
2
3
4
5
6
7
8

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

1

Laboratory Name : Alliance Technical Group LLC Client : ENTACT
 Project Location : Westmont, IL Project Number : E9110 - North Point
 Laboratory Sample ID(s) : P5224 Sampling Date(s) : 12/09/2024
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) ,**1311,6010D,7470A,8082A,8260D**

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 checked="" type="checkbox"/> Yes <input 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 checked="" type="checkbox"/> Yes <input 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 : P5224

Project ID : North Point

Client : ENTACT

Lab Sample Number

P5224-01
P5224-02

Client Sample Number

NP-WS-001
NP-WS-001

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

Signature :

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 8:49 am, Dec 20, 2024

Date: 12/20/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P5224

Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:

2 Water samples were received on 12/09/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: PCB, pH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLP Metals Group2 and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:

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

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

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

The %RSD is greater than 20% in the Initial Calibration method (82X1121W.M) for Bromoform this compound is passing on Quadratic Regression.

The Continuous Calibration File ID VX044197.D met the requirements except for 2-Hexanone and 4-Methyl-2-Pentanone failing high but no positive hit in associated sample 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.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 8:50 am, Dec 20, 2024

Signature _____

CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P5224

Test Name: PCB

A. Number of Samples and Date of Receipt:

2 Water samples were received on 12/09/2024.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: PCB, pH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLPMetals Group2 and VOC-TCLVOA-10. This data package contains results for PCB.

C. Analytical Techniques:

The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11. The analysis of PCBs was based on method 8082A and extraction was done based on method 3510.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

E. Additional Comments:



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.

Signature_____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 8:50 am, Dec 20, 2024

CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P5224

Test Name: TCLPMetals Group2,TCLP Mercury

A. Number of Samples and Date of Receipt:

2 Water samples were received on 12/09/2024.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: PCB, pH, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS, TCLPMetals Group2 and VOC-TCLVOA-10. This data package contains results for TCLPMetals Group2,TCLP Mercury.

C. Analytical Techniques:

The analysis of TCLPMetals Group2 was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of TCLP Mercury was based on method 7470A and TCLP extraction method was 1311.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Blank Spike met requirements for all samples.

The Duplicate analysis met criteria for all samples.

The Matrix Spike (NP-WS-001MS) analysis met criteria for all samples except for Mercury due to matrix interference.

The Matrix Spike Duplicate (NP-WS-001MSD) analysis met criteria for all samples except for Mercury due to 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:

FAX and Hardcopy Not match for Sample P5224-02 as During FAX time, its Qcs Samples not analyzed in sequences , so sample re-analyze with its Qcs in another sequence , so we reported correct data in Hardcopy.



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.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 8:50 am, Dec 20, 2024

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 #: P5224

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: 12/20/2024

Hit Summary Sheet
SW-846

SDG No.: P5224
Client: ENTACT

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	NP-WS-001							
P5224-01	NP-WS-001	Water	Acetone	16.3	J	1.40	25.0	ug/L
P5224-01	NP-WS-001	Water	Methyl tert-butyl Ether	1.10	J	0.16	5.00	ug/L
P5224-01	NP-WS-001	Water	Methylene Chloride	0.51	J	0.32	5.00	ug/L
P5224-01	NP-WS-001	Water	Cyclohexane	42.8		1.60	5.00	ug/L
P5224-01	NP-WS-001	Water	2-Butanone	8.30	J	1.30	25.0	ug/L
P5224-01	NP-WS-001	Water	Methylcyclohexane	39.8		0.19	5.00	ug/L
P5224-01	NP-WS-001	Water	Benzene	16.5		0.16	5.00	ug/L
P5224-01	NP-WS-001	Water	Toluene	1.60	J	0.18	5.00	ug/L
P5224-01	NP-WS-001	Water	Ethyl Benzene	14.1		0.16	5.00	ug/L
P5224-01	NP-WS-001	Water	m/p-Xylenes	7.50	J	0.31	10.0	ug/L
P5224-01	NP-WS-001	Water	o-Xylene	1.30	J	0.14	5.00	ug/L
P5224-01	NP-WS-001	Water	Isopropylbenzene	39.2		0.13	5.00	ug/L
			Total Voc :		189			
P5224-01	NP-WS-001	Water	Naphthalene, 1-methyl-	* 130	J	0	0	ug/L
P5224-01	NP-WS-001	Water	Naphthalene, 2-methyl-	* 110	J	0	0	ug/L
P5224-01	NP-WS-001	Water	Cyclopentane, methyl-	* 150	J	0	0	ug/L
P5224-01	NP-WS-001	Water	Benzene, 1,2,3,4-tetramethyl-	* 140	J	0	0	ug/L
P5224-01	NP-WS-001	Water	Indane	* 640	J	0	0	ug/L
P5224-01	NP-WS-001	Water	Hexane, 3-methyl-	* 49.6	J	0	0	ug/L
P5224-01	NP-WS-001	Water	1-Phenyl-1-butene	* 340	J	0	0	ug/L
P5224-01	NP-WS-001	Water	Benzene, 4-ethyl-1,2-dimethyl-	* 260	J	0	0	ug/L
P5224-01	NP-WS-001	Water	Benzene, 1-ethenyl-4-ethyl-	* 140	J	0	0	ug/L
P5224-01	NP-WS-001	Water	Benzene, 1-ethenyl-3-ethyl-	* 170	J	0	0	ug/L
P5224-01	NP-WS-001	Water	Tert butyl alcohol	* 160	J	5.60	25.0	ug/L
P5224-01	NP-WS-001	Water	n-propylbenzene	* 45.9	J	0.14	5.00	ug/L
P5224-01	NP-WS-001	Water	1,3,5-Trimethylbenzene	* 31.1	J	0.18	5.00	ug/L
P5224-01	NP-WS-001	Water	tert-Butylbenzene	* 0.99	J	0.17	5.00	ug/L
P5224-01	NP-WS-001	Water	1,2,4-Trimethylbenzene	* 42.7	J	0.18	5.00	ug/L
P5224-01	NP-WS-001	Water	sec-Butylbenzene	* 3.10	J	0.17	5.00	ug/L
P5224-01	NP-WS-001	Water	n-Butylbenzene	* 12.3	J	0.22	5.00	ug/L
P5224-01	NP-WS-001	Water	Naphthalene	* 57.0	J	0.59	5.00	ug/L
			Total Tics :		2480			
			Total Concentration:		2670			



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:	12/09/24	
Project:	North Point		Date Received:	12/09/24	
Client Sample ID:	NP-WS-001		SDG No.:	P5224	
Lab Sample ID:	P5224-01		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044208.D	1		12/10/24 15:13	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.21	U	0.21	5.00	ug/L
74-87-3	Chloromethane	0.35	U	0.35	5.00	ug/L
75-01-4	Vinyl Chloride	0.34	U	0.34	5.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.56	U	0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	0.34	U	0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	0.26	U	0.26	5.00	ug/L
67-64-1	Acetone	16.3	J	1.40	25.0	ug/L
75-15-0	Carbon Disulfide	0.32	U	0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	1.10	J	0.16	5.00	ug/L
79-20-9	Methyl Acetate	0.60	U	0.60	5.00	ug/L
75-09-2	Methylene Chloride	0.51	J	0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	5.00	ug/L
110-82-7	Cyclohexane	42.8		1.60	5.00	ug/L
78-93-3	2-Butanone	8.30	J	1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.25	U	0.25	5.00	ug/L
74-97-5	Bromochloromethane	0.18	U	0.18	5.00	ug/L
67-66-3	Chloroform	0.26	U	0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.19	U	0.19	5.00	ug/L
108-87-2	Methylcyclohexane	39.8		0.19	5.00	ug/L
71-43-2	Benzene	16.5		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	0.24	U	0.24	5.00	ug/L
79-01-6	Trichloroethene	0.32	U	0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	0.19	U	0.19	5.00	ug/L
75-27-4	Bromodichloromethane	0.24	U	0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.75	U	0.75	25.0	ug/L
108-88-3	Toluene	1.60	J	0.18	5.00	ug/L

Report of Analysis

Client:	ENTACT		Date Collected:	12/09/24	
Project:	North Point		Date Received:	12/09/24	
Client Sample ID:	NP-WS-001		SDG No.:	P5224	
Lab Sample ID:	P5224-01		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044208.D	1		12/10/24 15:13	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
10061-02-6	t-1,3-Dichloropropene	0.21	U	0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.18	U	0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	5.00	ug/L
591-78-6	2-Hexanone	1.10	U	1.10	25.0	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	0.16	U	0.16	5.00	ug/L
127-18-4	Tetrachloroethene	0.25	U	0.25	5.00	ug/L
108-90-7	Chlorobenzene	0.13	U	0.13	5.00	ug/L
100-41-4	Ethyl Benzene	14.1		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	7.50	J	0.31	10.0	ug/L
95-47-6	o-Xylene	1.30	J	0.14	5.00	ug/L
100-42-5	Styrene	0.16	U	0.16	5.00	ug/L
75-25-2	Bromoform	0.21	U	0.21	5.00	ug/L
98-82-8	Isopropylbenzene	39.2		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.27	U	0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.24	U	0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.27	U	0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.19	U	0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.46	U	0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.42	U	0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.51	U	0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.7		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	47.2		70 (75) - 130 (124)	94%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (86) - 130 (113)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.3		70 (77) - 130 (121)	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	106000	5.55			
540-36-3	1,4-Difluorobenzene	197000	6.757			
3114-55-4	Chlorobenzene-d5	174000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	75900	12.024			
TENTATIVE IDENTIFIED COMPOUNDS						

Report of Analysis

Client:	ENTACT		Date Collected:	12/09/24	
Project:	North Point		Date Received:	12/09/24	
Client Sample ID:	NP-WS-001		SDG No.:	P5224	
Lab Sample ID:	P5224-01		Matrix:	Water	
Analytical Method:	SW8260		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	DB-624UI	ID : 0.18	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX044208.D	1		12/10/24 15:13	VX121024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
75-65-0	Tert butyl alcohol	160	J		2.98	ug/L
000096-37-7	Cyclopentane, methyl-	150	J		4.29	ug/L
000589-34-4	Hexane, 3-methyl-	49.6	J		5.82	ug/L
103-65-1	n-propylbenzene	45.9	J		11.3	ug/L
108-67-8	1,3,5-Trimethylbenzene	31.1	J		11.5	ug/L
98-06-6	tert-Butylbenzene	0.99	J		11.7	ug/L
95-63-6	1,2,4-Trimethylbenzene	42.7	J		11.8	ug/L
135-98-8	sec-Butylbenzene	3.10	J		11.9	ug/L
000496-11-7	Indane	640	J		12.2	ug/L
104-51-8	n-Butylbenzene	12.3	J		12.3	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	260	J		12.6	ug/L
007525-62-4	Benzene, 1-ethenyl-3-ethyl-	170	J		12.7	ug/L
000488-23-3	Benzene, 1,2,3,4-tetramethyl-	140	J		12.9	ug/L
003454-07-7	Benzene, 1-ethenyl-4-ethyl-	140	J		13.2	ug/L
000824-90-8	1-Phenyl-1-butene	340	J		13.3	ug/L
91-20-3	Naphthalene	57.0	J		13.8	ug/L
000091-57-6	Naphthalene, 2-methyl-	110	J		14.6	ug/L
000090-12-0	Naphthalene, 1-methyl-	130	J		14.8	ug/L

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:	P5224	OrderDate:	12/9/2024 3:58:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	L61,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5224-01	NP-WS-001	Water	VOC-TCLVOA-10	8260D	12/09/24		12/10/24	12/09/24

Hit Summary Sheet
SW-846

A

B

C

D

SDG No.:	P5224	Order ID:	P5224
Client:	ENTACT	Project ID:	North Point

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:	12/09/24	
Project:	North Point		Date Received:	12/09/24	
Client Sample ID:	NP-WS-001		SDG No.:	P5224	
Lab Sample ID:	P5224-01		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO108473.D	1	12/10/24 08:20	12/11/24 01:09	PB165512

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.23	U	0.23	0.50	ug/L
11141-16-5	Aroclor-1232	0.37	U	0.37	0.50	ug/L
53469-21-9	Aroclor-1242	0.16	U	0.16	0.50	ug/L
12672-29-6	Aroclor-1248	0.12	U	0.12	0.50	ug/L
11097-69-1	Aroclor-1254	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.12	U	0.12	0.50	ug/L
11096-82-5	Aroclor-1260	0.15	U	0.15	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.0		30 (10) - 150 (157)	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.9		30 (10) - 150 (173)	80%	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:	P5224	OrderDate:	12/9/2024 3:58:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	L61,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5224-01	NP-WS-001	WATER	PCB	8082A	12/09/24	12/10/24	12/11/24	12/09/24

Hit Summary Sheet
SW-846

SDG No.: P5224

Order ID: P5224

Client: ENTACT

Project ID: North Point

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : NP-WS-001								
P5224-02	NP-WS-001	TCLP	Barium	322	J	62.8	500	ug/L
P5224-02	NP-WS-001	TCLP	Chromium	27.0	J	6.60	50.0	ug/L
P5224-02	NP-WS-001	TCLP	Iron	337	J	185	500	ug/L
P5224-02	NP-WS-001	TCLP	Nickel	11.4	J	8.50	200	ug/L
P5224-02	NP-WS-001	TCLP	Zinc	116	J	17.5	200	ug/L



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	12/09/24
Project:	North Point	Date Received:	12/09/24
Client Sample ID:	NP-WS-001	SDG No.:	P5224
Lab Sample ID:	P5224-02	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.
7429-90-5	Aluminum	283	U	1	283	500	ug/L	12/12/24 11:15	12/16/24 18:23	SW6010	SW3050
7440-38-2	Arsenic	34.8	U	1	34.8	100	ug/L	12/12/24 11:15	12/16/24 18:23	SW6010	SW3050
7440-39-3	Barium	322	J	1	62.8	500	ug/L	12/12/24 11:15	12/16/24 18:23	SW6010	SW3050
7440-43-9	Cadmium	0.94	U	1	0.94	30.0	ug/L	12/12/24 11:15	12/16/24 18:23	SW6010	SW3050
7440-47-3	Chromium	27.0	J	1	6.60	50.0	ug/L	12/12/24 11:15	12/16/24 18:23	SW6010	SW3050
7440-48-4	Cobalt	5.00	U	1	5.00	150	ug/L	12/12/24 11:15	12/16/24 18:23	SW6010	SW3050
7440-50-8	Copper	70.7	U	1	70.7	100	ug/L	12/12/24 11:15	12/16/24 18:23	SW6010	SW3050
7439-89-6	Iron	337	J	1	185	500	ug/L	12/12/24 11:15	12/16/24 18:23	SW6010	SW3050
7439-92-1	Lead	35.1	U	1	35.1	60.0	ug/L	12/12/24 11:15	12/16/24 18:23	SW6010	SW3050
7439-97-6	Mercury	0.81	UN	1	0.81	2.00	ug/L	12/12/24 13:01	12/13/24 11:13	SW7470A	
7440-02-0	Nickel	11.4	J	1	8.50	200	ug/L	12/12/24 11:15	12/16/24 18:23	SW6010	SW3050
7782-49-2	Selenium	58.8	U	1	58.8	100	ug/L	12/12/24 11:15	12/16/24 18:23	SW6010	SW3050
7440-22-4	Silver	5.80	U	1	5.80	50.0	ug/L	12/12/24 11:15	12/16/24 18:23	SW6010	SW3050
7440-66-6	Zinc	116	J	1	17.5	200	ug/L	12/12/24 11:15	12/16/24 18:23	SW6010	SW3050

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	TCLP METALS			

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:	P5224	OrderDate:	12/9/2024 3:58:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	L61,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5224-02	NP-WS-001	TCLP			12/09/24			12/09/24
			TCLP Mercury	7470A		12/12/24	12/13/24	
			TCLPMetals Group2	6010D		12/12/24	12/16/24	



SHIPPING DOCUMENTS

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


LOGIN REPORT/SAMPLE TRANSFER

Order ID : P5224	ENTA05	Order Date : 12/9/2024 3:58:00 PM	Project Mgr :
Client Name : ENTACT		Project Name : North Point	Report Type : Level 1
Client Contact : Wyatt Seel		Receive DateTime : 12/9/2024 12:00:00 AM 16:10	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order :	Hard Copy Date :
Invoice Contact : Wyatt Seel			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P5224-01	NP-WS-001	Water	12/09/2024	11:00	VOC-TCLVOA-10		8260D		5 Bus. Days

Relinquished By :

Date / Time :


12-9-24 1645

Received By :

Date / Time :


12/09/24

Storage Area : VOA Refridgerator Room