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

DATA PACKAGE

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

PROJECT NAME : BAPS NORTH BERGEN

BAPS NORTH BERGEN

2000 Tonnelle Ave

North Bergen, NJ - 07047

Phone No: (201) 865-6555

ORDER ID : P4822

ATTENTION : Rakesh Patel

Laboratory Certification ID # 20012

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Cover Page

Order ID : P4822

Project ID : BAPS North Bergen

Client : BAPS North Bergen

Lab Sample Number	Client Sample Number
P4822-01	SOIL-1
P4822-02	SOIL-1
P4822-03	SOIL-2
P4822-04	SOIL-2
P4822-05	SOIL-3
P4822-06	SOIL-3
P4822-07	SOIL-4
P4822-08	SOIL-4
P4822-09	SOIL-5
P4822-10	SOIL-5
P4822-11	SOIL-6
P4822-12	SOIL-6

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: 11/25/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC

Client : BAPS North Bergen

Project Location :

Project Number : - BAPS North Bergen

Laboratory Sample ID(s) : P4822

Sampling Date(s) : 11/12/2024

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **,6010D,7471B,8081B,8082A,8260D,8270E,9012B,NJEPH,Sampling**

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?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☑ Yes ☐ No ☐ 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)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ 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?	☑ Yes ☐ No ☑ Yes ☐ No ☐ 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?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☑ 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.”

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CASE NARRATIVE

BAPS North Bergen
Project Name: BAPS North Bergen
Project # N/A
Chemtech Project # P4822
Test Name: VOC-TCLVOA-10

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 11/12/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for VOC-TCLVOA-10.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_D were done using GC column RTX-VMS which is 20 meters, 0.18 mm id, 1.0 um df, Restek Cat. #49914. The Trap was supplied by SUPELCO, K (VOACARB 3000) , TEKMAR LSC-2000 Concentrator.The analysis performed on instrument MSVOA_Y were done using GC column Rxi-624Sil MS, which is 30 meters, 0.25 mm id, 1.4 um df, Restek Cat. #13868. The Trap was supplied by Supelco, VOCARB 3000, ATOMAX XYZ Concentrator.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 except for SOIL-4 [4-Bromofluorobenzene - 57%], SOIL-4RE [4-Bromofluorobenzene - 58%], SOIL-5 [Dibromofluoromethane - 131%] and VY1113SBS02 [4-Bromofluorobenzene - 145%]. These compounds did not meet the NJDKQP criteria but met the in-house criteria .
The Internal Standards Areas met the acceptable requirements except for SOIL-3, SOIL-3RE, SOIL-4 and SOIL-4RE. Samples reanalyzed to confirm results, Original and Reanalysis are reported.
The Retention Times were acceptable for all samples.
The RPD met criteria .
The Blank Spike for {VY1113SBS02} with File ID: VY020294.D met requirements for all samples except for 1,1,2-Trichloroethane[150%], 1,2-Dichloroethane[143%], 1,2-Dichloropropane[134%], Benzene[133%], Bromodichloromethane[133%], Bromoform[162%], Carbon Tetrachloride[140%], cis-1,3-Dichloropropene[137%], Dibromochloromethane[136%], m/p-Xylenes[139%], o-Xylene[139%], Styrene[140%] and Tetrachloroethene[146%] . These compounds did not meet the NJDKQP criteria and

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in-house criteria. But associated samples havenot positive hit for these compounds therefore no corrective action was taken.
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 (82D111524S.M) for Bromomethane this compound is passing on Quadratic Regression.
The Continuous Calibration File ID VD080038.D met the requirements except for cis-1,3-Dichloropropene . But associated samples have not positive hit for this compound therefore no corrective action was taken.
The Continuous Calibration File ID VY020276.D met the requirements except for 1,2-Dichlorobenzene,Acetone and Bromomethane . But associated samples have not positive hit for these compounds therefore no corrective action was 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.
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

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CASE NARRATIVE

BAPS North Bergen
Project Name: BAPS North Bergen
Project # N/A
Chemtech Project # P4822
Test Name: SVOC-TCL BNA -20

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 11/12/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for SVOC-TCL BNA -20.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um dfThe analysis of SVOC-TCL BNA -20 was based on method 8270E 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 Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS {P4821-01MS} with File ID: BF140432.D recoveries met the requirements for all compounds except for 3-Nitroaniline[61%], 4-Chloroaniline[27%], Benzaldehyde[12%] and Benzo(g,h,i)perylene[60%] . These compounds did not meet the NJDKQP criteria but met the in-house criteria .
The MSD {P4821-01MSD} with File ID: BF140433.D recoveries met the acceptable requirements except for 3,3-Dichlorobenzidine[65%], 3-Nitroaniline[50%], 4-Chloroaniline[18%], Benzaldehyde[12%], Benzo(g,h,i)perylene[58%], Dibenz(a,h)anthracene[69%] and Indeno(1,2,3-cd)pyrene[68%] . These compounds did not meet the NJDKQP criteria but met the in-house criteria .
The RPD for {P4821-01MSD} with File ID: BF140433.D met criteria except for 4-Chloroaniline[40%] due to difference in MS and MSD concentrations.
The Blank Spike for {PB164940BS} with File ID: BF140449.D met requirements for all samples except for 3,3-Dichlorobenzidine[55%], 3-Nitroaniline[51%], 4-Chloroaniline[38%] These compounds did not meet the NJDKQP criteria but met the in-house criteria and for Hexachlorocyclopentadiene[173%] but associated samples have not positive hit for these compounds therefore no corrective action was taken.

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The Blank analysis did not indicate the presence of lab contamination.
The % RSD is greater than 20% in the Initial Calibration (8270-BF112124.M) for Hexachlorocyclopentadiene, 2,4-Dinitrophenol, these compounds are passing on Linear Regression The Continuous Calibration File ID BF140501.D met the requirements except for Benzaldehyde . But associated samples have not positive hit for this compound therefor no corrective action was taken.
The Tuning criteria met requirements.

E. Additional Comments:
The soil samples results are based on a dry weight basis.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

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

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CASE NARRATIVE

BAPS North Bergen
Project Name: BAPS North Bergen
Project # N/A
Chemtech Project # P4822
Test Name: Pesticide-TCL

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 11/12/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for Pesticide-TCL.

C. Analytical Techniques:
The analysis was performed on instrument ECD_L. The front column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 um df, Catalog #: 7HMG017- 11 The rear column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0. 5 um df,: Catalog # 7HM-G016-17. .The analysis of Pesticide-TCLs was based on method 8081B and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
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

BAPS North Bergen
Project Name: BAPS North Bergen
Project # N/A
Chemtech Project # P4822
Test Name: PCB

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 11/12/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL 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 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD met criteria .
The Blank Spike met requirements for all samples .
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:
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

BAPS North Bergen
Project Name: BAPS North Bergen
Project # N/A
Chemtech Project # P4822
Test Name: EPH

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 11/12/2024.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for EPH.

C. Analytical Techniques:
The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analyses were performed on instrument FID_D. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis were performed on instrument FID_E. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224.The analysis were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302.The analysis of EPHs was based on method NJEPH 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 {P4768-07MS} with File ID: FC067740.D recoveries met the requirements for all compounds except for Aliphatic C28-C40[144%] due to matrix interference.
The MSD {P4768-07MSD} with File ID: FC067741.D recoveries met the acceptable requirements except for Aliphatic C28-C40[148%] due to matrix interference.
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 .

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E. Additional Comments:
The soil samples results are based on a dry weight basis.

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

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CASE NARRATIVE

BAPS North Bergen
Project Name: BAPS North Bergen
Project # N/A
Chemtech Project # P4822
Test Name: Metals ICP-TAL,Mercury

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 11/12/2024.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for Metals ICP-TAL,Mercury.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3050 (soils). The analysis and digestion of Mercury was based on method 7471B.

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 (SOIL-1MS) analysis met criteria for all samples except for Beryllium, Chromium, Copper and Selenium due to Chemical Interference during Digestion Process.
The Matrix Spike Duplicate (SOIL-1MSD) analysis met criteria for all samples except for Beryllium, Chromium, Copper, Selenium, Sodium and Vanadium due to Chemical Interference during Digestion Process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution (SOIL-1L) met criteria for all samples except for Chromium, Copper, Manganese and Zinc due to sample matrix interference.

E. Additional Comments:

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CASE NARRATIVE

BAPS North Bergen
Project Name: BAPS North Bergen
Project # N/A
Chemtech Project # P4822
Test Name: Cyanide

A. Number of Samples and Date of Receipt:
12 Solid samples were received on 11/12/2024.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, Mercury, Metals ICP-TAL, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL and VOC-TCLVOA-10. This data package contains results for Cyanide.

C. Analytical Techniques:
The analysis of Cyanide was based on method 9012B.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.

E. Additional Comments:

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Tel. 908-789-8900 Fax: 908-789-8922

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: P4822

	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 Castody	✓
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:** 11/25/2024

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: P4822

Client: BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter	Concentration		C	MDL	RDL	Units
Client ID:	**SOIL-1**								
P4822-01	SOIL-1	SOIL	Chloroform	4.00		J	0.61	4.50	ug/Kg
			Total Voc :		4.00				
P4822-01	SOIL-1	SOIL	11H-Dibenzo[b,e][1,4]diazepin *	7.10		J	0	0	ug/Kg
			Total Tics :		7.10				
			Total Concentration:		11.1				
Client ID:	**SOIL-3**								
P4822-05	SOIL-3	SOIL	Methylene Chloride	5.50		J	3.20	9.50	ug/Kg
			Total Voc :		5.50				
			Total Concentration:		5.50				
Client ID:	**SOIL-5**								
P4822-09	SOIL-5	SOIL	Benzeneethanamine, N-[(penta *	6.30		J	0	0	ug/Kg
			Total Tics :		6.30				
			Total Concentration:		6.30				
Client ID:	**SOIL-6**								
P4822-11	SOIL-6	SOIL	11H-Dibenzo[b,e][1,4]diazepin *	12.8		J	0	0	ug/Kg
			Total Tics :		12.8				
			Total Concentration:		12.8				

SAMPLE DATA

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

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.1
Sample Wt/Vol:	5.84 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020289.D	1		11/13/24 17:36	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.50	U	1.50	4.50	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.50	ug/Kg
75-01-4	Vinyl Chloride	0.70	U	0.70	4.50	ug/Kg
74-83-9	Bromomethane	0.94	U	0.94	4.50	ug/Kg
75-00-3	Chloroethane	0.92	U	0.92	4.50	ug/Kg
75-69-4	Trichlorofluoromethane	0.83	U	0.83	4.50	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.97	U	0.97	4.50	ug/Kg
75-35-4	1,1-Dichloroethene	0.71	U	0.71	4.50	ug/Kg
67-64-1	Acetone	5.70	U	5.70	22.7	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	4.50	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.61	U	0.61	4.50	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	4.50	ug/Kg
75-09-2	Methylene Chloride	3.10	U	3.10	9.10	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.76	U	0.76	4.50	ug/Kg
75-34-3	1,1-Dichloroethane	0.57	U	0.57	4.50	ug/Kg
110-82-7	Cyclohexane	0.63	U	0.63	4.50	ug/Kg
78-93-3	2-Butanone	5.20	U	5.20	22.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.79	UQ	0.79	4.50	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.56	U	0.56	4.50	ug/Kg
74-97-5	Bromochloromethane	2.20	U	2.20	4.50	ug/Kg
67-66-3	Chloroform	4.00	J	0.61	4.50	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.71	U	0.71	4.50	ug/Kg
108-87-2	Methylcyclohexane	0.79	U	0.79	4.50	ug/Kg
71-43-2	Benzene	0.66	UQ	0.66	4.50	ug/Kg
107-06-2	1,2-Dichloroethane	0.56	UQ	0.56	4.50	ug/Kg
79-01-6	Trichloroethene	0.68	U	0.68	4.50	ug/Kg
78-87-5	1,2-Dichloropropane	0.60	UQ	0.60	4.50	ug/Kg
75-27-4	Bromodichloromethane	0.51	UQ	0.51	4.50	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.00	U	4.00	22.7	ug/Kg
108-88-3	Toluene	0.61	U	0.61	4.50	ug/Kg

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.1
Sample Wt/Vol:	5.84 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020289.D	1		11/13/24 17:36	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.55	U	0.55	4.50	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.52	UQ	0.52	4.50	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.76	UQ	0.76	4.50	ug/Kg
591-78-6	2-Hexanone	4.40	U	4.40	22.7	ug/Kg
124-48-1	Dibromochloromethane	0.59	UQ	0.59	4.50	ug/Kg
106-93-4	1,2-Dibromoethane	0.72	U	0.72	4.50	ug/Kg
127-18-4	Tetrachloroethene	0.81	UQ	0.81	4.50	ug/Kg
108-90-7	Chlorobenzene	0.67	U	0.67	4.50	ug/Kg
100-41-4	Ethyl Benzene	0.56	U	0.56	4.50	ug/Kg
179601-23-1	m/p-Xylenes	1.20	UQ	1.20	9.10	ug/Kg
95-47-6	o-Xylene	0.64	UQ	0.64	4.50	ug/Kg
100-42-5	Styrene	0.55	UQ	0.55	4.50	ug/Kg
75-25-2	Bromoform	0.74	UQ	0.74	4.50	ug/Kg
98-82-8	Isopropylbenzene	0.61	U	0.61	4.50	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1.00	4.50	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.67	U	0.67	4.50	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.73	U	0.73	4.50	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.54	U	0.54	4.50	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.40	U	1.40	4.50	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.72	U	0.72	4.50	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.71	U	0.71	4.50	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	62.3		70 (50) - 130 (163)	125%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		70 (54) - 130 (147)	101%	SPK: 50
2037-26-5	Toluene-d8	42.4		70 (58) - 130 (134)	85%	SPK: 50
460-00-4	4-Bromofluorobenzene	34.8		70 (29) - 130 (146)	70%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	175000	7.713			
540-36-3	1,4-Difluorobenzene	389000	8.616			
3114-55-4	Chlorobenzene-d5	289000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	124000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	94.1
Sample Wt/Vol:	5.84 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020289.D	1		11/13/24 17:36	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
013450-73-2	11H-Dibenzo[b,e][1,4]diazepin-11-o	7.10	J		13.9	ug/Kg

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.8
Sample Wt/Vol:	6.22 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020288.D	1		11/13/24 17:12	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.40	U	1.40	4.40	ug/Kg
74-87-3	Chloromethane	1.00	U	1.00	4.40	ug/Kg
75-01-4	Vinyl Chloride	0.67	U	0.67	4.40	ug/Kg
74-83-9	Bromomethane	0.90	U	0.90	4.40	ug/Kg
75-00-3	Chloroethane	0.88	U	0.88	4.40	ug/Kg
75-69-4	Trichlorofluoromethane	0.80	U	0.80	4.40	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.94	U	0.94	4.40	ug/Kg
75-35-4	1,1-Dichloroethene	0.68	U	0.68	4.40	ug/Kg
67-64-1	Acetone	5.50	U	5.50	21.9	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	4.40	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.59	U	0.59	4.40	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	4.40	ug/Kg
75-09-2	Methylene Chloride	3.00	U	3.00	8.80	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.74	U	0.74	4.40	ug/Kg
75-34-3	1,1-Dichloroethane	0.55	U	0.55	4.40	ug/Kg
110-82-7	Cyclohexane	0.60	U	0.60	4.40	ug/Kg
78-93-3	2-Butanone	5.00	U	5.00	21.9	ug/Kg
56-23-5	Carbon Tetrachloride	0.76	UQ	0.76	4.40	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.53	U	0.53	4.40	ug/Kg
74-97-5	Bromochloromethane	2.10	U	2.10	4.40	ug/Kg
67-66-3	Chloroform	0.59	U	0.59	4.40	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.68	U	0.68	4.40	ug/Kg
108-87-2	Methylcyclohexane	0.76	U	0.76	4.40	ug/Kg
71-43-2	Benzene	0.63	UQ	0.63	4.40	ug/Kg
107-06-2	1,2-Dichloroethane	0.53	UQ	0.53	4.40	ug/Kg
79-01-6	Trichloroethene	0.66	U	0.66	4.40	ug/Kg
78-87-5	1,2-Dichloropropane	0.58	UQ	0.58	4.40	ug/Kg
75-27-4	Bromodichloromethane	0.49	UQ	0.49	4.40	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.80	U	3.80	21.9	ug/Kg
108-88-3	Toluene	0.59	U	0.59	4.40	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.8
Sample Wt/Vol:	6.22 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020288.D	1		11/13/24 17:12	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.53	U	0.53	4.40	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.50	UQ	0.50	4.40	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.74	UQ	0.74	4.40	ug/Kg
591-78-6	2-Hexanone	4.20	U	4.20	21.9	ug/Kg
124-48-1	Dibromochloromethane	0.57	UQ	0.57	4.40	ug/Kg
106-93-4	1,2-Dibromoethane	0.69	U	0.69	4.40	ug/Kg
127-18-4	Tetrachloroethene	0.78	UQ	0.78	4.40	ug/Kg
108-90-7	Chlorobenzene	0.65	U	0.65	4.40	ug/Kg
100-41-4	Ethyl Benzene	0.54	U	0.54	4.40	ug/Kg
179601-23-1	m/p-Xylenes	1.20	UQ	1.20	8.80	ug/Kg
95-47-6	o-Xylene	0.61	UQ	0.61	4.40	ug/Kg
100-42-5	Styrene	0.53	UQ	0.53	4.40	ug/Kg
75-25-2	Bromoform	0.71	UQ	0.71	4.40	ug/Kg
98-82-8	Isopropylbenzene	0.59	U	0.59	4.40	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.96	U	0.96	4.40	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.65	U	0.65	4.40	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.70	U	0.70	4.40	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.52	U	0.52	4.40	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.40	U	1.40	4.40	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.69	U	0.69	4.40	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.68	U	0.68	4.40	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		70 (50) - 130 (163)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	49.4		70 (54) - 130 (147)	99%	SPK: 50
2037-26-5	Toluene-d8	48.5		70 (58) - 130 (134)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.6		70 (29) - 130 (146)	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	265000	7.713			
540-36-3	1,4-Difluorobenzene	539000	8.616			
3114-55-4	Chlorobenzene-d5	473000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	153000	13.353			

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	91.8
Sample Wt/Vol:	6.22 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020288.D	1		11/13/24 17:12	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3	SDG No.:	P4822
Lab Sample ID:	P4822-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.68 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020290.D	1		11/13/24 17:59	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.60	U	1.60	4.80	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.80	ug/Kg
75-01-4	Vinyl Chloride	0.73	U	0.73	4.80	ug/Kg
74-83-9	Bromomethane	0.98	U	0.98	4.80	ug/Kg
75-00-3	Chloroethane	0.96	U	0.96	4.80	ug/Kg
75-69-4	Trichlorofluoromethane	0.87	U	0.87	4.80	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1.00	4.80	ug/Kg
75-35-4	1,1-Dichloroethene	0.74	U	0.74	4.80	ug/Kg
67-64-1	Acetone	5.90	U	5.90	23.8	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	4.80	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.64	U	0.64	4.80	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	4.80	ug/Kg
75-09-2	Methylene Chloride	5.50	J	3.20	9.50	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.80	U	0.80	4.80	ug/Kg
75-34-3	1,1-Dichloroethane	0.60	U	0.60	4.80	ug/Kg
110-82-7	Cyclohexane	0.66	U	0.66	4.80	ug/Kg
78-93-3	2-Butanone	5.40	U	5.40	23.8	ug/Kg
56-23-5	Carbon Tetrachloride	0.83	UQ	0.83	4.80	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.58	U	0.58	4.80	ug/Kg
74-97-5	Bromochloromethane	2.30	U	2.30	4.80	ug/Kg
67-66-3	Chloroform	0.64	U	0.64	4.80	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.74	U	0.74	4.80	ug/Kg
108-87-2	Methylcyclohexane	0.83	U	0.83	4.80	ug/Kg
71-43-2	Benzene	0.69	UQ	0.69	4.80	ug/Kg
107-06-2	1,2-Dichloroethane	0.58	UQ	0.58	4.80	ug/Kg
79-01-6	Trichloroethene	0.71	U	0.71	4.80	ug/Kg
78-87-5	1,2-Dichloropropane	0.63	UQ	0.63	4.80	ug/Kg
75-27-4	Bromodichloromethane	0.53	UQ	0.53	4.80	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.10	U	4.10	23.8	ug/Kg
108-88-3	Toluene	0.64	U	0.64	4.80	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3	SDG No.:	P4822
Lab Sample ID:	P4822-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.68 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020290.D	1		11/13/24 17:59	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.57	U	0.57	4.80	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.54	UQ	0.54	4.80	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.80	UQ	0.80	4.80	ug/Kg
591-78-6	2-Hexanone	4.60	U	4.60	23.8	ug/Kg
124-48-1	Dibromochloromethane	0.62	UQ	0.62	4.80	ug/Kg
106-93-4	1,2-Dibromoethane	0.75	U	0.75	4.80	ug/Kg
127-18-4	Tetrachloroethene	0.85	UQ	0.85	4.80	ug/Kg
108-90-7	Chlorobenzene	0.70	U	0.70	4.80	ug/Kg
100-41-4	Ethyl Benzene	0.59	U	0.59	4.80	ug/Kg
179601-23-1	m/p-Xylenes	1.30	UQ	1.30	9.50	ug/Kg
95-47-6	o-Xylene	0.67	UQ	0.67	4.80	ug/Kg
100-42-5	Styrene	0.57	UQ	0.57	4.80	ug/Kg
75-25-2	Bromoform	0.77	UQ	0.77	4.80	ug/Kg
98-82-8	Isopropylbenzene	0.64	U	0.64	4.80	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1.00	4.80	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.70	U	0.70	4.80	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.76	U	0.76	4.80	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.56	U	0.56	4.80	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.80	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.75	U	0.75	4.80	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.74	U	0.74	4.80	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		70 (50) - 130 (163)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	54.8		70 (54) - 130 (147)	110%	SPK: 50
2037-26-5	Toluene-d8	63.7		70 (58) - 130 (134)	127%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.2		70 (29) - 130 (146)	80%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	152000	7.713			
540-36-3	1,4-Difluorobenzene	316000	8.622			
3114-55-4	Chlorobenzene-d5	305000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	79500	13.347			

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3	SDG No.:	P4822
Lab Sample ID:	P4822-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.68 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020290.D	1		11/13/24 17:59	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3RE	SDG No.:	P4822
Lab Sample ID:	P4822-05RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.53 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD080052.D	1		11/17/24 19:49	VD111724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.60	U	1.60	4.90	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.90	ug/Kg
75-01-4	Vinyl Chloride	0.75	U	0.75	4.90	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.90	ug/Kg
75-00-3	Chloroethane	0.99	U	0.99	4.90	ug/Kg
75-69-4	Trichlorofluoromethane	0.89	U	0.89	4.90	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1.00	4.90	ug/Kg
75-35-4	1,1-Dichloroethene	0.76	U	0.76	4.90	ug/Kg
67-64-1	Acetone	6.10	U	6.10	24.4	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	4.90	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.65	U	0.65	4.90	ug/Kg
79-20-9	Methyl Acetate	1.80	U	1.80	4.90	ug/Kg
75-09-2	Methylene Chloride	3.30	U	3.30	9.80	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.82	U	0.82	4.90	ug/Kg
75-34-3	1,1-Dichloroethane	0.62	U	0.62	4.90	ug/Kg
110-82-7	Cyclohexane	0.67	U	0.67	4.90	ug/Kg
78-93-3	2-Butanone	5.60	U	5.60	24.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.85	U	0.85	4.90	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.60	U	0.60	4.90	ug/Kg
74-97-5	Bromochloromethane	2.40	U	2.40	4.90	ug/Kg
67-66-3	Chloroform	0.65	U	0.65	4.90	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.76	U	0.76	4.90	ug/Kg
108-87-2	Methylcyclohexane	0.85	U	0.85	4.90	ug/Kg
71-43-2	Benzene	0.70	U	0.70	4.90	ug/Kg
107-06-2	1,2-Dichloroethane	0.60	U	0.60	4.90	ug/Kg
79-01-6	Trichloroethene	0.73	U	0.73	4.90	ug/Kg
78-87-5	1,2-Dichloropropane	0.65	U	0.65	4.90	ug/Kg
75-27-4	Bromodichloromethane	0.55	U	0.55	4.90	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.30	U	4.30	24.4	ug/Kg
108-88-3	Toluene	0.65	U	0.65	4.90	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3RE	SDG No.:	P4822
Lab Sample ID:	P4822-05RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.53 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD080052.D	1		11/17/24 19:49	VD111724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.59	U	0.59	4.90	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.56	U	0.56	4.90	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.82	U	0.82	4.90	ug/Kg
591-78-6	2-Hexanone	4.70	U	4.70	24.4	ug/Kg
124-48-1	Dibromochloromethane	0.64	U	0.64	4.90	ug/Kg
106-93-4	1,2-Dibromoethane	0.77	U	0.77	4.90	ug/Kg
127-18-4	Tetrachloroethene	0.87	U	0.87	4.90	ug/Kg
108-90-7	Chlorobenzene	0.72	U	0.72	4.90	ug/Kg
100-41-4	Ethyl Benzene	0.61	U	0.61	4.90	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	9.80	ug/Kg
95-47-6	o-Xylene	0.68	U	0.68	4.90	ug/Kg
100-42-5	Styrene	0.59	U	0.59	4.90	ug/Kg
75-25-2	Bromoform	0.79	U	0.79	4.90	ug/Kg
98-82-8	Isopropylbenzene	0.65	U	0.65	4.90	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.90	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.72	U	0.72	4.90	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.78	U	0.78	4.90	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.58	U	0.58	4.90	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.90	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.77	U	0.77	4.90	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.76	U	0.76	4.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.7		70 (50) - 130 (163)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	57.5		70 (54) - 130 (147)	115%	SPK: 50
2037-26-5	Toluene-d8	44.8		70 (58) - 130 (134)	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	37.5		70 (29) - 130 (146)	75%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	137000	7.875			
540-36-3	1,4-Difluorobenzene	217000	8.775			
3114-55-4	Chlorobenzene-d5	188000	11.581			
3855-82-1	1,4-Dichlorobenzene-d4	75400	13.516			

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3RE	SDG No.:	P4822
Lab Sample ID:	P4822-05RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	92.5
Sample Wt/Vol:	5.53 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD080052.D	1		11/17/24 19:49	VD111724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.5
Sample Wt/Vol:	6.17 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020293.D	1		11/13/24 19:09	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.40	U	1.40	4.30	ug/Kg
74-87-3	Chloromethane	1.00	U	1.00	4.30	ug/Kg
75-01-4	Vinyl Chloride	0.67	U	0.67	4.30	ug/Kg
74-83-9	Bromomethane	0.89	U	0.89	4.30	ug/Kg
75-00-3	Chloroethane	0.88	U	0.88	4.30	ug/Kg
75-69-4	Trichlorofluoromethane	0.79	U	0.79	4.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.93	U	0.93	4.30	ug/Kg
75-35-4	1,1-Dichloroethene	0.68	U	0.68	4.30	ug/Kg
67-64-1	Acetone	5.40	U	5.40	21.7	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	4.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.58	U	0.58	4.30	ug/Kg
79-20-9	Methyl Acetate	1.60	U	1.60	4.30	ug/Kg
75-09-2	Methylene Chloride	3.00	U	3.00	8.70	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.73	U	0.73	4.30	ug/Kg
75-34-3	1,1-Dichloroethane	0.55	U	0.55	4.30	ug/Kg
110-82-7	Cyclohexane	0.60	U	0.60	4.30	ug/Kg
78-93-3	2-Butanone	4.90	U	4.90	21.7	ug/Kg
56-23-5	Carbon Tetrachloride	0.75	UQ	0.75	4.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.53	U	0.53	4.30	ug/Kg
74-97-5	Bromochloromethane	2.10	U	2.10	4.30	ug/Kg
67-66-3	Chloroform	0.58	U	0.58	4.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.68	U	0.68	4.30	ug/Kg
108-87-2	Methylcyclohexane	0.75	U	0.75	4.30	ug/Kg
71-43-2	Benzene	0.62	UQ	0.62	4.30	ug/Kg
107-06-2	1,2-Dichloroethane	0.53	UQ	0.53	4.30	ug/Kg
79-01-6	Trichloroethene	0.65	U	0.65	4.30	ug/Kg
78-87-5	1,2-Dichloropropane	0.57	UQ	0.57	4.30	ug/Kg
75-27-4	Bromodichloromethane	0.49	UQ	0.49	4.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.80	U	3.80	21.7	ug/Kg
108-88-3	Toluene	0.58	U	0.58	4.30	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.5
Sample Wt/Vol:	6.17 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020293.D	1		11/13/24 19:09	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.52	U	0.52	4.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.49	UQ	0.49	4.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.73	UQ	0.73	4.30	ug/Kg
591-78-6	2-Hexanone	4.20	U	4.20	21.7	ug/Kg
124-48-1	Dibromochloromethane	0.56	UQ	0.56	4.30	ug/Kg
106-93-4	1,2-Dibromoethane	0.68	U	0.68	4.30	ug/Kg
127-18-4	Tetrachloroethene	0.77	UQ	0.77	4.30	ug/Kg
108-90-7	Chlorobenzene	0.64	U	0.64	4.30	ug/Kg
100-41-4	Ethyl Benzene	0.54	U	0.54	4.30	ug/Kg
179601-23-1	m/p-Xylenes	1.20	UQ	1.20	8.70	ug/Kg
95-47-6	o-Xylene	0.61	UQ	0.61	4.30	ug/Kg
100-42-5	Styrene	0.52	UQ	0.52	4.30	ug/Kg
75-25-2	Bromoform	0.70	UQ	0.70	4.30	ug/Kg
98-82-8	Isopropylbenzene	0.58	U	0.58	4.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.95	U	0.95	4.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.64	U	0.64	4.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.69	U	0.69	4.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.51	U	0.51	4.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.40	U	1.40	4.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.68	U	0.68	4.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.68	U	0.68	4.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.0		70 (50) - 130 (163)	102%	SPK: 50
1868-53-7	Dibromofluoromethane	50.8		70 (54) - 130 (147)	102%	SPK: 50
2037-26-5	Toluene-d8	35.2		70 (58) - 130 (134)	70%	SPK: 50
460-00-4	4-Bromofluorobenzene	28.4	*	70 (29) - 130 (146)	57%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	222000	7.713			
540-36-3	1,4-Difluorobenzene	449000	8.622			
3114-55-4	Chlorobenzene-d5	278000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	81200	13.347			

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.5
Sample Wt/Vol:	6.17 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020293.D	1		11/13/24 19:09	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4RE	SDG No.:	P4822
Lab Sample ID:	P4822-07RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.5
Sample Wt/Vol:	5.71 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD080053.D	1		11/17/24 20:16	VD111724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.50	U	1.50	4.70	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.70	ug/Kg
75-01-4	Vinyl Chloride	0.72	U	0.72	4.70	ug/Kg
74-83-9	Bromomethane	0.96	U	0.96	4.70	ug/Kg
75-00-3	Chloroethane	0.95	U	0.95	4.70	ug/Kg
75-69-4	Trichlorofluoromethane	0.85	U	0.85	4.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.00	U	1.00	4.70	ug/Kg
75-35-4	1,1-Dichloroethene	0.73	U	0.73	4.70	ug/Kg
67-64-1	Acetone	5.80	U	5.80	23.4	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	4.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.63	U	0.63	4.70	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	4.70	ug/Kg
75-09-2	Methylene Chloride	3.20	U	3.20	9.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.79	U	0.79	4.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.59	U	0.59	4.70	ug/Kg
110-82-7	Cyclohexane	0.65	U	0.65	4.70	ug/Kg
78-93-3	2-Butanone	5.30	U	5.30	23.4	ug/Kg
56-23-5	Carbon Tetrachloride	0.81	U	0.81	4.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.57	U	0.57	4.70	ug/Kg
74-97-5	Bromochloromethane	2.30	U	2.30	4.70	ug/Kg
67-66-3	Chloroform	0.63	U	0.63	4.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.73	U	0.73	4.70	ug/Kg
108-87-2	Methylcyclohexane	0.81	U	0.81	4.70	ug/Kg
71-43-2	Benzene	0.67	U	0.67	4.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.57	U	0.57	4.70	ug/Kg
79-01-6	Trichloroethene	0.70	U	0.70	4.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.62	U	0.62	4.70	ug/Kg
75-27-4	Bromodichloromethane	0.52	U	0.52	4.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.10	U	4.10	23.4	ug/Kg
108-88-3	Toluene	0.63	U	0.63	4.70	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4RE	SDG No.:	P4822
Lab Sample ID:	P4822-07RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.5
Sample Wt/Vol:	5.71 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD080053.D	1		11/17/24 20:16	VD111724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.56	U	0.56	4.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.53	U	0.53	4.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.79	U	0.79	4.70	ug/Kg
591-78-6	2-Hexanone	4.50	U	4.50	23.4	ug/Kg
124-48-1	Dibromochloromethane	0.61	U	0.61	4.70	ug/Kg
106-93-4	1,2-Dibromoethane	0.74	U	0.74	4.70	ug/Kg
127-18-4	Tetrachloroethene	0.83	U	0.83	4.70	ug/Kg
108-90-7	Chlorobenzene	0.69	U	0.69	4.70	ug/Kg
100-41-4	Ethyl Benzene	0.58	U	0.58	4.70	ug/Kg
179601-23-1	m/p-Xylenes	1.30	U	1.30	9.40	ug/Kg
95-47-6	o-Xylene	0.66	U	0.66	4.70	ug/Kg
100-42-5	Styrene	0.56	U	0.56	4.70	ug/Kg
75-25-2	Bromoform	0.76	U	0.76	4.70	ug/Kg
98-82-8	Isopropylbenzene	0.63	U	0.63	4.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1.00	4.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.69	U	0.69	4.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.75	U	0.75	4.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.55	U	0.55	4.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.50	U	1.50	4.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.74	U	0.74	4.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.73	U	0.73	4.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.4		70 (50) - 130 (163)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		70 (54) - 130 (147)	98%	SPK: 50
2037-26-5	Toluene-d8	35.7		70 (58) - 130 (134)	71%	SPK: 50
460-00-4	4-Bromofluorobenzene	29.1	*	70 (29) - 130 (146)	58%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	128000	7.875			
540-36-3	1,4-Difluorobenzene	210000	8.775			
3114-55-4	Chlorobenzene-d5	177000	11.581			
3855-82-1	1,4-Dichlorobenzene-d4	66800	13.516			

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4RE	SDG No.:	P4822
Lab Sample ID:	P4822-07RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.5
Sample Wt/Vol:	5.71 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RTX-VMS ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VD080053.D	1		11/17/24 20:16	VD111724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	88.9
Sample Wt/Vol:	6.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020292.D	1		11/13/24 18:46	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.50	U	1.50	4.60	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.60	ug/Kg
75-01-4	Vinyl Chloride	0.71	U	0.71	4.60	ug/Kg
74-83-9	Bromomethane	0.95	U	0.95	4.60	ug/Kg
75-00-3	Chloroethane	0.93	U	0.93	4.60	ug/Kg
75-69-4	Trichlorofluoromethane	0.84	U	0.84	4.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.98	U	0.98	4.60	ug/Kg
75-35-4	1,1-Dichloroethene	0.72	U	0.72	4.60	ug/Kg
67-64-1	Acetone	5.70	U	5.70	23.0	ug/Kg
75-15-0	Carbon Disulfide	1.20	U	1.20	4.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.62	U	0.62	4.60	ug/Kg
79-20-9	Methyl Acetate	1.70	U	1.70	4.60	ug/Kg
75-09-2	Methylene Chloride	3.10	U	3.10	9.20	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.77	U	0.77	4.60	ug/Kg
75-34-3	1,1-Dichloroethane	0.58	U	0.58	4.60	ug/Kg
110-82-7	Cyclohexane	0.63	U	0.63	4.60	ug/Kg
78-93-3	2-Butanone	5.20	U	5.20	23.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.80	UQ	0.80	4.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.56	U	0.56	4.60	ug/Kg
74-97-5	Bromochloromethane	2.20	U	2.20	4.60	ug/Kg
67-66-3	Chloroform	0.62	U	0.62	4.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.72	U	0.72	4.60	ug/Kg
108-87-2	Methylcyclohexane	0.80	U	0.80	4.60	ug/Kg
71-43-2	Benzene	0.66	UQ	0.66	4.60	ug/Kg
107-06-2	1,2-Dichloroethane	0.56	UQ	0.56	4.60	ug/Kg
79-01-6	Trichloroethene	0.69	U	0.69	4.60	ug/Kg
78-87-5	1,2-Dichloropropane	0.61	UQ	0.61	4.60	ug/Kg
75-27-4	Bromodichloromethane	0.51	UQ	0.51	4.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.00	U	4.00	23.0	ug/Kg
108-88-3	Toluene	0.62	U	0.62	4.60	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	88.9
Sample Wt/Vol:	6.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020292.D	1		11/13/24 18:46	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.55	U	0.55	4.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.52	UQ	0.52	4.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.77	UQ	0.77	4.60	ug/Kg
591-78-6	2-Hexanone	4.40	U	4.40	23.0	ug/Kg
124-48-1	Dibromochloromethane	0.60	UQ	0.60	4.60	ug/Kg
106-93-4	1,2-Dibromoethane	0.73	U	0.73	4.60	ug/Kg
127-18-4	Tetrachloroethene	0.82	UQ	0.82	4.60	ug/Kg
108-90-7	Chlorobenzene	0.68	U	0.68	4.60	ug/Kg
100-41-4	Ethyl Benzene	0.57	U	0.57	4.60	ug/Kg
179601-23-1	m/p-Xylenes	1.20	UQ	1.20	9.20	ug/Kg
95-47-6	o-Xylene	0.64	UQ	0.64	4.60	ug/Kg
100-42-5	Styrene	0.55	UQ	0.55	4.60	ug/Kg
75-25-2	Bromoform	0.74	UQ	0.74	4.60	ug/Kg
98-82-8	Isopropylbenzene	0.62	U	0.62	4.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.00	U	1.00	4.60	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.68	U	0.68	4.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.74	U	0.74	4.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.54	U	0.54	4.60	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.40	U	1.40	4.60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.73	U	0.73	4.60	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.72	U	0.72	4.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.5		70 (50) - 130 (163)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	65.3	*	70 (54) - 130 (147)	131%	SPK: 50
2037-26-5	Toluene-d8	48.5		70 (58) - 130 (134)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		70 (29) - 130 (146)	89%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	188000	7.713			
540-36-3	1,4-Difluorobenzene	325000	8.622			
3114-55-4	Chlorobenzene-d5	313000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	138000	13.347			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	88.9
Sample Wt/Vol:	6.12 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020292.D	1		11/13/24 18:46	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
055429-85-1	Benzeneethanamine, N-[(pentafluoro	6.30	J		13.9	ug/Kg

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-6	SDG No.:	P4822
Lab Sample ID:	P4822-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	87.7
Sample Wt/Vol:	5.49 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020291.D	1		11/13/24 18:23	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.70	U	1.70	5.20	ug/Kg
74-87-3	Chloromethane	1.20	U	1.20	5.20	ug/Kg
75-01-4	Vinyl Chloride	0.80	U	0.80	5.20	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.20	ug/Kg
75-00-3	Chloroethane	1.00	U	1.00	5.20	ug/Kg
75-69-4	Trichlorofluoromethane	0.95	U	0.95	5.20	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.20	ug/Kg
75-35-4	1,1-Dichloroethene	0.81	U	0.81	5.20	ug/Kg
67-64-1	Acetone	6.50	U	6.50	26.0	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	5.20	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.70	U	0.70	5.20	ug/Kg
79-20-9	Methyl Acetate	1.90	U	1.90	5.20	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.4	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.87	U	0.87	5.20	ug/Kg
75-34-3	1,1-Dichloroethane	0.65	U	0.65	5.20	ug/Kg
110-82-7	Cyclohexane	0.72	U	0.72	5.20	ug/Kg
78-93-3	2-Butanone	5.90	U	5.90	26.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.90	UQ	0.90	5.20	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.63	U	0.63	5.20	ug/Kg
74-97-5	Bromochloromethane	2.50	U	2.50	5.20	ug/Kg
67-66-3	Chloroform	0.70	U	0.70	5.20	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.81	U	0.81	5.20	ug/Kg
108-87-2	Methylcyclohexane	0.90	U	0.90	5.20	ug/Kg
71-43-2	Benzene	0.75	UQ	0.75	5.20	ug/Kg
107-06-2	1,2-Dichloroethane	0.63	UQ	0.63	5.20	ug/Kg
79-01-6	Trichloroethene	0.78	U	0.78	5.20	ug/Kg
78-87-5	1,2-Dichloropropane	0.69	UQ	0.69	5.20	ug/Kg
75-27-4	Bromodichloromethane	0.58	UQ	0.58	5.20	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.50	U	4.50	26.0	ug/Kg
108-88-3	Toluene	0.70	U	0.70	5.20	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-6	SDG No.:	P4822
Lab Sample ID:	P4822-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	87.7
Sample Wt/Vol:	5.49 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020291.D	1		11/13/24 18:23	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.62	U	0.62	5.20	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.59	UQ	0.59	5.20	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.87	UQ	0.87	5.20	ug/Kg
591-78-6	2-Hexanone	5.00	U	5.00	26.0	ug/Kg
124-48-1	Dibromochloromethane	0.68	UQ	0.68	5.20	ug/Kg
106-93-4	1,2-Dibromoethane	0.82	U	0.82	5.20	ug/Kg
127-18-4	Tetrachloroethene	0.92	UQ	0.92	5.20	ug/Kg
108-90-7	Chlorobenzene	0.77	U	0.77	5.20	ug/Kg
100-41-4	Ethyl Benzene	0.64	U	0.64	5.20	ug/Kg
179601-23-1	m/p-Xylenes	1.40	UQ	1.40	10.4	ug/Kg
95-47-6	o-Xylene	0.73	UQ	0.73	5.20	ug/Kg
100-42-5	Styrene	0.62	UQ	0.62	5.20	ug/Kg
75-25-2	Bromoform	0.84	UQ	0.84	5.20	ug/Kg
98-82-8	Isopropylbenzene	0.70	U	0.70	5.20	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	5.20	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.77	U	0.77	5.20	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.83	U	0.83	5.20	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.61	U	0.61	5.20	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.60	U	1.60	5.20	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.82	U	0.82	5.20	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.81	U	0.81	5.20	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	39.9		70 (50) - 130 (163)	80%	SPK: 50
1868-53-7	Dibromofluoromethane	61.6		70 (54) - 130 (147)	123%	SPK: 50
2037-26-5	Toluene-d8	45.1		70 (58) - 130 (134)	90%	SPK: 50
460-00-4	4-Bromofluorobenzene	36.7		70 (29) - 130 (146)	73%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	206000	7.713			
540-36-3	1,4-Difluorobenzene	356000	8.615			
3114-55-4	Chlorobenzene-d5	288000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	125000	13.346			
TENTATIVE IDENTIFIED COMPOUNDS						

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-6	SDG No.:	P4822
Lab Sample ID:	P4822-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	87.7
Sample Wt/Vol:	5.49 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOC-TCLVOA-10
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020291.D	1		11/13/24 18:23	VY111324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
013450-73-2	11H-Dibenzo[b,e][1,4]diazepin-11-o	12.8	J		13.9	ug/Kg

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

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LAB CHRONICLE

OrderID:	P4822	**OrderDate:**	11/12/2024 1:54:09 PM
Client:	BAPS North Bergen	**Project:**	BAPS North Bergen
Contact:	Rakesh Patel	**Location:**	L21,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4822-01	**SOIL-1**	**SOIL**			**11/12/24**			**11/12/24**
			VOC-TCLVOA-10	8260D			11/17/24	
P4822-03	**SOIL-2**	**SOIL**			**11/12/24**			**11/12/24**
			VOC-TCLVOA-10	8260D			11/13/24	
P4822-05	**SOIL-3**	**SOIL**			**11/12/24**			**11/12/24**
			VOC-TCLVOA-10	8260D			11/13/24	
P4822-05RE	**SOIL-3RE**	**SOIL**			**11/12/24**			**11/12/24**
			VOC-TCLVOA-10	8260D			11/17/24	
P4822-07	**SOIL-4**	**SOIL**			**11/12/24**			**11/12/24**
			VOC-TCLVOA-10	8260D			11/13/24	
P4822-07RE	**SOIL-4RE**	**SOIL**			**11/12/24**			**11/12/24**
			VOC-TCLVOA-10	8260D			11/17/24	
P4822-09	**SOIL-5**	**SOIL**			**11/12/24**			**11/12/24**
			VOC-TCLVOA-10	8260D			11/13/24	
P4822-11	**SOIL-6**	**SOIL**			**11/12/24**			**11/12/24**
			VOC-TCLVOA-10	8260D			11/13/24	

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Hit Summary Sheet
SW-846

SDG No.: P4822

Client: BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : SOIL-1									
P4822-02	SOIL-1	SOIL	Fluoranthene		130.000	J	88.3	180	ug/Kg
P4822-02	SOIL-1	SOIL	Pyrene		140.000	J	89.7	180	ug/Kg
P4822-02	SOIL-1	SOIL	Benzo(a)anthracene		96.600	J	87.3	180	ug/Kg
P4822-02	SOIL-1	SOIL	Chrysene		90.800	J	86	180	ug/Kg
P4822-02	SOIL-1	SOIL	Benzo(b)fluoranthene		160.000	J	87.7	180	ug/Kg
P4822-02	SOIL-1	SOIL	Benzo(a)pyrene		100.000	J	100	180	ug/Kg
			Total Svoc :		**717.40**				
P4822-02	SOIL-1	SOIL	5-Eicosene, (E)-	*	200.000	J	0	0	ug/Kg
P4822-02	SOIL-1	SOIL	Benzophenone	*	350.000	J	0	0	ug/Kg
P4822-02	SOIL-1	SOIL	Butane, 2-methoxy-2-methyl-	*	1,100.000	J	0	0	ug/Kg
P4822-02	SOIL-1	SOIL	n-Hexadecanoic acid	*	340.000	J	0	0	ug/Kg
			Total Tics :		**1,990.00**				
			Total Concentration:		**2,707.40**				
Client ID : SOIL-2									
P4822-04	SOIL-2	SOIL	3-Eicosene, (E)-	*	280.000	J	0	0	ug/Kg
P4822-04	SOIL-2	SOIL	Benzophenone	*	440.000	J	0	0	ug/Kg
P4822-04	SOIL-2	SOIL	Butane, 2-methoxy-2-methyl-	*	1,400.000	J	0	0	ug/Kg
P4822-04	SOIL-2	SOIL	Methanone, (1-hydroxycyclohexy	*	88.300	J	0	0	ug/Kg
P4822-04	SOIL-2	SOIL	n-Hexadecanoic acid	*	360.000	J	0	0	ug/Kg
P4822-04	SOIL-2	SOIL	Pentacosane	*	110.000	J	0	0	ug/Kg
			Total Tics :		**2,678.30**				
			Total Concentration:		**2,678.30**				
Client ID : SOIL-3									
P4822-06	SOIL-3	SOIL	Fluoranthene		140.000	J	89.4	190	ug/Kg
P4822-06	SOIL-3	SOIL	Pyrene		110.000	J	90.8	190	ug/Kg
P4822-06	SOIL-3	SOIL	Benzo(b)fluoranthene		89.100	J	88.7	190	ug/Kg
			Total Svoc :		**339.10**				
P4822-06	SOIL-3	SOIL	2-Pentanone, 4-hydroxy-4-methyl	*	82.000	AB	0	0	ug/Kg
P4822-06	SOIL-3	SOIL	Benzophenone	*	630.000	J	0	0	ug/Kg
P4822-06	SOIL-3	SOIL	Butane, 2-methoxy-2-methyl-	*	1,600.000	J	0	0	ug/Kg
P4822-06	SOIL-3	SOIL	Cyclohexanol, 1-ethyl-	*	110.000	J	0	0	ug/Kg
P4822-06	SOIL-3	SOIL	Eicosane	*	420.000	J	0	0	ug/Kg
P4822-06	SOIL-3	SOIL	Heptadecane, 9-octyl-	*	350.000	J	0	0	ug/Kg
P4822-06	SOIL-3	SOIL	n-Hexadecanoic acid	*	620.000	J	0	0	ug/Kg
P4822-06	SOIL-3	SOIL	Octadecanoic acid	*	130.000	J	0	0	ug/Kg
P4822-06	SOIL-3	SOIL	Supraene	*	360.000	J	0	0	ug/Kg
P4822-06	SOIL-3	SOIL	1-Docosene	*	260.000	J	0	0	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: P4822

Client: BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :		**4,562.00**				
			Total Concentration:		**4,901.10**				
Client ID :	**SOIL-4**								
P4822-08	SOIL-4	SOIL	Phenanthrene		130.000	J	90.3	180	ug/Kg
P4822-08	SOIL-4	SOIL	Fluoranthene		220.000		87.8	180	ug/Kg
P4822-08	SOIL-4	SOIL	Pyrene		190.000		89.2	180	ug/Kg
P4822-08	SOIL-4	SOIL	Benzo(a)anthracene		120.000	J	86.8	180	ug/Kg
P4822-08	SOIL-4	SOIL	Chrysene		100.000	J	85.5	180	ug/Kg
P4822-08	SOIL-4	SOIL	Benzo(b)fluoranthene		130.000	J	87.2	180	ug/Kg
P4822-08	SOIL-4	SOIL	Benzo(a)pyrene		110.000	J	100	180	ug/Kg
			Total Svoc :		**1,000.00**				
P4822-08	SOIL-4	SOIL	1-Nonadecene	*	200.000	J	0	0	ug/Kg
P4822-08	SOIL-4	SOIL	Benzophenone	*	390.000	J	0	0	ug/Kg
P4822-08	SOIL-4	SOIL	Butane, 2-methoxy-2-methyl-	*	1,300.000	J	0	0	ug/Kg
P4822-08	SOIL-4	SOIL	n-Hexadecanoic acid	*	510.000	J	0	0	ug/Kg
P4822-08	SOIL-4	SOIL	Octadecanoic acid	*	150.000	J	0	0	ug/Kg
			Total Tics :		**2,550.00**				
			Total Concentration:		**3,550.00**				
Client ID :	**SOIL-5**								
P4822-10	SOIL-5	SOIL	Fluoranthene		190.000		89	190	ug/Kg
P4822-10	SOIL-5	SOIL	Pyrene		130.000	J	90.4	190	ug/Kg
P4822-10	SOIL-5	SOIL	Benzo(a)anthracene		130.000	J	87.9	190	ug/Kg
P4822-10	SOIL-5	SOIL	Chrysene		110.000	J	86.6	190	ug/Kg
P4822-10	SOIL-5	SOIL	Benzo(b)fluoranthene		140.000	J	88.4	190	ug/Kg
P4822-10	SOIL-5	SOIL	Benzo(a)pyrene		100.000	J	100	190	ug/Kg
			Total Svoc :		**800.00**				
P4822-10	SOIL-5	SOIL	1-(Phenylthio)-3,7,11-trimethyl-2,	*	320.000	J	0	0	ug/Kg
P4822-10	SOIL-5	SOIL	Benzophenone	*	440.000	J	0	0	ug/Kg
P4822-10	SOIL-5	SOIL	Butane, 2-methoxy-2-methyl-	*	1,200.000	J	0	0	ug/Kg
P4822-10	SOIL-5	SOIL	Eicosane	*	140.000	J	0	0	ug/Kg
P4822-10	SOIL-5	SOIL	Heneicosane	*	150.000	J	0	0	ug/Kg
P4822-10	SOIL-5	SOIL	Methanone, (1-hydroxycyclohexy	*	79.200	J	0	0	ug/Kg
P4822-10	SOIL-5	SOIL	n-Hexadecanoic acid	*	740.000	J	0	0	ug/Kg
P4822-10	SOIL-5	SOIL	Octadecanoic acid	*	280.000	J	0	0	ug/Kg
			Total Tics :		**3,349.20**				
			Total Concentration:		**4,149.20**				
Client ID :	**SOIL-6**								
P4822-12	SOIL-6	SOIL	Phenanthrene		94.100	J	91.8	190	ug/Kg
P4822-12	SOIL-6	SOIL	Fluoranthene		190.000		89.3	190	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: P4822

Client: BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4822-12	SOIL-6	SOIL	Pyrene		130.000	J	90.7	190	ug/Kg
P4822-12	SOIL-6	SOIL	Benzo(a)anthracene		90.000	J	88.2	190	ug/Kg
P4822-12	SOIL-6	SOIL	Chrysene		89.200	J	86.9	190	ug/Kg
P4822-12	SOIL-6	SOIL	Benzo(b)fluoranthene		120.000	J	88.7	190	ug/Kg
			Total Svoc :		**713.30**				
P4822-12	SOIL-6	SOIL	1-Octadecene	*	200.000	J	0	0	ug/Kg
P4822-12	SOIL-6	SOIL	Stigmast-4-en-3-one	*	530.000	J	0	0	ug/Kg
P4822-12	SOIL-6	SOIL	Supraene	*	150.000	J	0	0	ug/Kg
P4822-12	SOIL-6	SOIL	Benzophenone	*	500.000	J	0	0	ug/Kg
P4822-12	SOIL-6	SOIL	Butane, 2-methoxy-2-methyl-	*	1,700.000	J	0	0	ug/Kg
P4822-12	SOIL-6	SOIL	Docosane	*	75.400	J	0	0	ug/Kg
P4822-12	SOIL-6	SOIL	Dotriacontane, 1-iodo-	*	400.000	J	0	0	ug/Kg
P4822-12	SOIL-6	SOIL	Lup-20(29)-en-3-one	*	620.000	J	0	0	ug/Kg
P4822-12	SOIL-6	SOIL	Methanone, (1-hydroxycyclohexy	*	76.200	J	0	0	ug/Kg
P4822-12	SOIL-6	SOIL	n-Hexadecanoic acid	*	510.000	J	0	0	ug/Kg
P4822-12	SOIL-6	SOIL	Nonadecane	*	370.000	J	0	0	ug/Kg
P4822-12	SOIL-6	SOIL	Octadecanoic acid	*	130.000	J	0	0	ug/Kg
			Total Tics :		**5,261.60**				
			Total Concentration:		**5,974.90**				

SAMPLE DATA

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140585.D	1	11/13/24 09:15	11/22/24 18:35	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	360	ug/Kg
108-95-2	Phenol	89.6	U	89.6	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.5	U	90.5	180	ug/Kg
95-57-8	2-Chlorophenol	90.3	U	90.3	180	ug/Kg
95-48-7	2-Methylphenol	87.1	U	87.1	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	98.3	U	98.3	180	ug/Kg
98-86-2	Acetophenone	94.0	U	94.0	180	ug/Kg
65794-96-9	3+4-Methylphenols	86.3	U	86.3	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.6	U	43.6	86.5	ug/Kg
67-72-1	Hexachloroethane	89.7	U	89.7	180	ug/Kg
98-95-3	Nitrobenzene	98.2	U	98.2	180	ug/Kg
78-59-1	Isophorone	91.5	U	91.5	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.8	U	92.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.6	U	81.6	180	ug/Kg
91-20-3	Naphthalene	89.3	U	89.3	180	ug/Kg
106-47-8	4-Chloroaniline	89.3	UQ	89.3	180	ug/Kg
87-68-3	Hexachlorobutadiene	90.1	U	90.1	180	ug/Kg
105-60-2	Caprolactam	93.8	U	93.8	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.8	U	83.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	89.2	U	89.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.2	U	77.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.0	U	80.0	180	ug/Kg
92-52-4	1,1-Biphenyl	94.5	U	94.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	90.1	U	90.1	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	88.3	U	88.3	180	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140585.D	1	11/13/24 09:15	11/22/24 18:35	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	93.5	U	93.5	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.0	U	90.0	180	ug/Kg
99-09-2	3-Nitroaniline	96.4	UQ	96.4	180	ug/Kg
83-32-9	Acenaphthene	87.7	U	87.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	360	ug/Kg
132-64-9	Dibenzofuran	91.3	U	91.3	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.2	U	93.2	180	ug/Kg
84-66-2	Diethylphthalate	86.6	U	86.6	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92.5	U	92.5	180	ug/Kg
86-73-7	Fluorene	92.4	U	92.4	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.2	U	88.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	85.3	U	85.3	180	ug/Kg
118-74-1	Hexachlorobenzene	91.9	U	91.9	180	ug/Kg
1912-24-9	Atrazine	98.8	U	98.8	180	ug/Kg
87-86-5	Pentachlorophenol	83.6	U	83.6	360	ug/Kg
85-01-8	Phenanthrene	90.8	U	90.8	180	ug/Kg
120-12-7	Anthracene	91.3	U	91.3	180	ug/Kg
86-74-8	Carbazole	86.8	U	86.8	180	ug/Kg
84-74-2	Di-n-butylphthalate	91.1	U	91.1	180	ug/Kg
206-44-0	Fluoranthene	130	J	88.3	180	ug/Kg
129-00-0	Pyrene	140	J	89.7	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	UQ	110	360	ug/Kg
56-55-3	Benzo(a)anthracene	96.6	J	87.3	180	ug/Kg
218-01-9	Chrysene	90.8	J	86.0	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	98.4	U	98.4	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	87.7	180	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-02	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.4
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140585.D	1	11/13/24 09:15	11/22/24 18:35	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	89.3	U	89.3	180	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	100	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84.4	U	84.4	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.8	U	87.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86.6	U	86.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.8	U	93.8	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80.8	U	80.8	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	78.9		30 (18) - 130 (112)	53%	SPK: 150
13127-88-3	Phenol-d6	76.3		30 (15) - 130 (107)	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.0		30 (18) - 130 (107)	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	62.4		30 (20) - 130 (109)	62%	SPK: 100
118-79-6	2,4,6-Tribromophenol	66.5		30 (10) - 130 (116)	44%	SPK: 150
1718-51-0	Terphenyl-d14	51.9		30 (10) - 130 (105)	52%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	92800	6.869			
1146-65-2	Naphthalene-d8	331000	8.151			
15067-26-2	Acenaphthene-d10	155000	9.904			
1517-22-2	Phenanthrene-d10	246000	11.398			
1719-03-5	Chrysene-d12	155000	14.045			
1520-96-3	Perylene-d12	119000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1100	J		2.12	ug/Kg
000119-61-9	Benzophenone	350	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	340	J		11.9	ug/Kg
074685-30-6	5-Eicosene, (E)-	200	J		13.9	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen			Date Collected:	11/12/24
Project:	BAPS North Bergen			Date Received:	11/12/24
Client Sample ID:	SOIL-1			SDG No.:	P4822
Lab Sample ID:	P4822-02			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	92.4
Sample Wt/Vol:	30.03	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF140585.D	1	11/13/24 09:15	11/22/24 18:35	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140584.D	1	11/13/24 09:15	11/22/24 18:09	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	370	ug/Kg
108-95-2	Phenol	92.3	U	92.3	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	93.2	U	93.2	190	ug/Kg
95-57-8	2-Chlorophenol	92.9	U	92.9	190	ug/Kg
95-48-7	2-Methylphenol	89.7	U	89.7	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	190	ug/Kg
98-86-2	Acetophenone	96.7	U	96.7	190	ug/Kg
65794-96-9	3+4-Methylphenols	88.8	U	88.8	370	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.9	U	44.9	89.0	ug/Kg
67-72-1	Hexachloroethane	92.4	U	92.4	190	ug/Kg
98-95-3	Nitrobenzene	100	U	100	190	ug/Kg
78-59-1	Isophorone	94.2	U	94.2	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	95.5	U	95.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	84.0	U	84.0	190	ug/Kg
91-20-3	Naphthalene	91.9	U	91.9	190	ug/Kg
106-47-8	4-Chloroaniline	91.9	UQ	91.9	190	ug/Kg
87-68-3	Hexachlorobutadiene	92.7	U	92.7	190	ug/Kg
105-60-2	Caprolactam	96.6	U	96.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86.3	U	86.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	91.8	U	91.8	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	79.5	U	79.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	82.4	U	82.4	190	ug/Kg
92-52-4	1,1-Biphenyl	97.3	U	97.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	92.7	U	92.7	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	190	ug/Kg
131-11-3	Dimethylphthalate	90.9	U	90.9	190	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140584.D	1	11/13/24 09:15	11/22/24 18:09	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	96.3	U	96.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	92.6	U	92.6	190	ug/Kg
99-09-2	3-Nitroaniline	99.3	UQ	99.3	190	ug/Kg
83-32-9	Acenaphthene	90.3	U	90.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	370	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	370	ug/Kg
132-64-9	Dibenzofuran	93.9	U	93.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	95.9	U	95.9	190	ug/Kg
84-66-2	Diethylphthalate	89.1	U	89.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	95.3	U	95.3	190	ug/Kg
86-73-7	Fluorene	95.2	U	95.2	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	370	ug/Kg
86-30-6	n-Nitrosodiphenylamine	90.8	U	90.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	87.8	U	87.8	190	ug/Kg
118-74-1	Hexachlorobenzene	94.6	U	94.6	190	ug/Kg
1912-24-9	Atrazine	100	U	100	190	ug/Kg
87-86-5	Pentachlorophenol	86.0	U	86.0	370	ug/Kg
85-01-8	Phenanthrene	93.5	U	93.5	190	ug/Kg
120-12-7	Anthracene	93.9	U	93.9	190	ug/Kg
86-74-8	Carbazole	89.4	U	89.4	190	ug/Kg
84-74-2	Di-n-butylphthalate	93.8	U	93.8	190	ug/Kg
206-44-0	Fluoranthene	90.9	U	90.9	190	ug/Kg
129-00-0	Pyrene	92.4	U	92.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	UQ	110	370	ug/Kg
56-55-3	Benzo(a)anthracene	89.8	U	89.8	190	ug/Kg
218-01-9	Chrysene	88.5	U	88.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	90.3	U	90.3	190	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-04	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	89.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140584.D	1	11/13/24 09:15	11/22/24 18:09	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	91.9	U	91.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	86.9	U	86.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	90.4	U	90.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	89.1	U	89.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	96.6	U	96.6	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	83.1	U	83.1	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	75.6		30 (18) - 130 (112)	50%	SPK: 150
13127-88-3	Phenol-d6	75.0		30 (15) - 130 (107)	50%	SPK: 150
4165-60-0	Nitrobenzene-d5	52.5		30 (18) - 130 (107)	53%	SPK: 100
321-60-8	2-Fluorobiphenyl	57.8		30 (20) - 130 (109)	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	64.2		30 (10) - 130 (116)	43%	SPK: 150
1718-51-0	Terphenyl-d14	49.3		30 (10) - 130 (105)	49%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	94600	6.869			
1146-65-2	Naphthalene-d8	339000	8.151			
15067-26-2	Acenaphthene-d10	156000	9.904			
1517-22-2	Phenanthrene-d10	244000	11.398			
1719-03-5	Chrysene-d12	158000	14.045			
1520-96-3	Perylene-d12	117000	15.539			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1400	J		2.13	ug/Kg
000119-61-9	Benzophenone	440	J		10.6	ug/Kg
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	88.3	J		10.9	ug/Kg
000057-10-3	n-Hexadecanoic acid	360	J		11.9	ug/Kg
074685-33-9	3-Eicosene, (E)-	280	J		13.9	ug/Kg
000629-99-2	Pentacosane	110	J		15.2	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen			Date Collected:	11/12/24
Project:	BAPS North Bergen			Date Received:	11/12/24
Client Sample ID:	SOIL-2			SDG No.:	P4822
Lab Sample ID:	P4822-04			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	89.7
Sample Wt/Vol:	30.05	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF140584.D	1	11/13/24 09:15	11/22/24 18:09	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3	SDG No.:	P4822
Lab Sample ID:	P4822-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140516.D	1	11/13/24 09:15	11/20/24 22:40	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	360	ug/Kg
108-95-2	Phenol	90.7	U	90.7	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.5	U	91.5	190	ug/Kg
95-57-8	2-Chlorophenol	91.3	U	91.3	190	ug/Kg
95-48-7	2-Methylphenol	88.2	U	88.2	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99.4	U	99.4	190	ug/Kg
98-86-2	Acetophenone	95.0	U	95.0	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.3	U	87.3	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.1	U	44.1	87.5	ug/Kg
67-72-1	Hexachloroethane	90.8	U	90.8	190	ug/Kg
98-95-3	Nitrobenzene	99.3	U	99.3	190	ug/Kg
78-59-1	Isophorone	92.5	U	92.5	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.8	U	93.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.6	U	82.6	190	ug/Kg
91-20-3	Naphthalene	90.3	U	90.3	190	ug/Kg
106-47-8	4-Chloroaniline	90.3	UQ	90.3	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.1	U	91.1	190	ug/Kg
105-60-2	Caprolactam	94.9	U	94.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.8	U	84.8	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.2	U	90.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.1	U	78.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.9	U	80.9	190	ug/Kg
92-52-4	1,1-Biphenyl	95.6	U	95.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.1	U	91.1	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	190	ug/Kg
131-11-3	Dimethylphthalate	89.4	U	89.4	190	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3	SDG No.:	P4822
Lab Sample ID:	P4822-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140516.D	1	11/13/24 09:15	11/20/24 22:40	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	94.6	U	94.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	91.0	U	91.0	190	ug/Kg
99-09-2	3-Nitroaniline	97.6	UQ	97.6	190	ug/Kg
83-32-9	Acenaphthene	88.7	U	88.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	360	ug/Kg
132-64-9	Dibenzofuran	92.3	U	92.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.3	U	94.3	190	ug/Kg
84-66-2	Diethylphthalate	87.6	U	87.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.6	U	93.6	190	ug/Kg
86-73-7	Fluorene	93.5	U	93.5	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.2	U	89.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.3	U	86.3	190	ug/Kg
118-74-1	Hexachlorobenzene	93.0	U	93.0	190	ug/Kg
1912-24-9	Atrazine	100	U	100	190	ug/Kg
87-86-5	Pentachlorophenol	84.5	U	84.5	360	ug/Kg
85-01-8	Phenanthrene	91.9	U	91.9	190	ug/Kg
120-12-7	Anthracene	92.3	U	92.3	190	ug/Kg
86-74-8	Carbazole	87.8	U	87.8	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.2	U	92.2	190	ug/Kg
206-44-0	Fluoranthene	140	J	89.4	190	ug/Kg
129-00-0	Pyrene	110	J	90.8	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	UQ	110	360	ug/Kg
56-55-3	Benzo(a)anthracene	88.3	U	88.3	190	ug/Kg
218-01-9	Chrysene	87.0	U	87.0	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.5	U	99.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	89.1	J	88.7	190	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3	SDG No.:	P4822
Lab Sample ID:	P4822-06	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140516.D	1	11/13/24 09:15	11/20/24 22:40	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	90.3	U	90.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.4	U	85.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.8	U	88.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87.6	U	87.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.9	U	94.9	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.7	U	81.7	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	99.1		30 (18) - 130 (112)	66%	SPK: 150
13127-88-3	Phenol-d6	88.5		30 (15) - 130 (107)	59%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.9		30 (18) - 130 (107)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.4		30 (20) - 130 (109)	86%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		30 (10) - 130 (116)	74%	SPK: 150
1718-51-0	Terphenyl-d14	72.4		30 (10) - 130 (105)	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	102000	6.875			
1146-65-2	Naphthalene-d8	324000	8.151			
15067-26-2	Acenaphthene-d10	143000	9.91			
1517-22-2	Phenanthrene-d10	282000	11.398			
1719-03-5	Chrysene-d12	215000	14.045			
1520-96-3	Perylene-d12	157000	15.539			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1600	J		2.15	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	82.0	AB		5.10	ug/Kg
000119-61-9	Benzophenone	630	J		10.6	ug/Kg
001940-18-7	Cyclohexanol, 1-ethyl-	110	J		10.9	ug/Kg
000057-10-3	n-Hexadecanoic acid	620	J		11.9	ug/Kg
000057-11-4	Octadecanoic acid	130	J		12.7	ug/Kg
001599-67-3	1-Docosene	260	J		13.9	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen			Date Collected:	11/12/24
Project:	BAPS North Bergen			Date Received:	11/12/24
Client Sample ID:	SOIL-3			SDG No.:	P4822
Lab Sample ID:	P4822-06			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	91.4
Sample Wt/Vol:	30.01	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF140516.D	1	11/13/24 09:15	11/20/24 22:40	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
007683-64-9	Supraene	360	J		14.9	ug/Kg
000112-95-8	Eicosane	420	J		15.2	ug/Kg
007225-64-1	Heptadecane, 9-octyl-	350	J		16.0	ug/Kg

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-08	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.9
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140517.D	1	11/13/24 09:15	11/20/24 23:06	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	350	ug/Kg
108-95-2	Phenol	89.1	U	89.1	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	90.0	U	90.0	180	ug/Kg
95-57-8	2-Chlorophenol	89.8	U	89.8	180	ug/Kg
95-48-7	2-Methylphenol	86.6	U	86.6	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	97.7	U	97.7	180	ug/Kg
98-86-2	Acetophenone	93.4	U	93.4	180	ug/Kg
65794-96-9	3+4-Methylphenols	85.8	U	85.8	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.3	U	43.3	86.0	ug/Kg
67-72-1	Hexachloroethane	89.2	U	89.2	180	ug/Kg
98-95-3	Nitrobenzene	97.6	U	97.6	180	ug/Kg
78-59-1	Isophorone	90.9	U	90.9	180	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	180	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	92.2	U	92.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	81.2	U	81.2	180	ug/Kg
91-20-3	Naphthalene	88.8	U	88.8	180	ug/Kg
106-47-8	4-Chloroaniline	88.8	UQ	88.8	180	ug/Kg
87-68-3	Hexachlorobutadiene	89.5	U	89.5	180	ug/Kg
105-60-2	Caprolactam	93.3	U	93.3	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	83.3	U	83.3	180	ug/Kg
91-57-6	2-Methylnaphthalene	88.7	U	88.7	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	76.8	U	76.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79.5	U	79.5	180	ug/Kg
92-52-4	1,1-Biphenyl	94.0	U	94.0	180	ug/Kg
91-58-7	2-Chloronaphthalene	89.5	U	89.5	180	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	180	ug/Kg
131-11-3	Dimethylphthalate	87.8	U	87.8	180	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-08	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.9
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140517.D	1	11/13/24 09:15	11/20/24 23:06	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	93.0	U	93.0	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	89.4	U	89.4	180	ug/Kg
99-09-2	3-Nitroaniline	95.9	UQ	95.9	180	ug/Kg
83-32-9	Acenaphthene	87.2	U	87.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	350	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	350	ug/Kg
132-64-9	Dibenzofuran	90.7	U	90.7	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	92.7	U	92.7	180	ug/Kg
84-66-2	Diethylphthalate	86.1	U	86.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	92.0	U	92.0	180	ug/Kg
86-73-7	Fluorene	91.9	U	91.9	180	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	87.7	U	87.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	84.8	U	84.8	180	ug/Kg
118-74-1	Hexachlorobenzene	91.4	U	91.4	180	ug/Kg
1912-24-9	Atrazine	98.3	U	98.3	180	ug/Kg
87-86-5	Pentachlorophenol	83.1	U	83.1	350	ug/Kg
85-01-8	Phenanthrene	130	J	90.3	180	ug/Kg
120-12-7	Anthracene	90.7	U	90.7	180	ug/Kg
86-74-8	Carbazole	86.3	U	86.3	180	ug/Kg
84-74-2	Di-n-butylphthalate	90.6	U	90.6	180	ug/Kg
206-44-0	Fluoranthene	220		87.8	180	ug/Kg
129-00-0	Pyrene	190		89.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	UQ	110	350	ug/Kg
56-55-3	Benzo(a)anthracene	120	J	86.8	180	ug/Kg
218-01-9	Chrysene	100	J	85.5	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	97.8	U	97.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	87.2	180	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-08	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.9
Sample Wt/Vol:	30.04 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140517.D	1	11/13/24 09:15	11/20/24 23:06	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	88.8	U	88.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	100	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84.0	U	84.0	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	87.3	U	87.3	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86.1	U	86.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	93.3	U	93.3	180	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	80.3	U	80.3	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	85.0		30 (18) - 130 (112)	57%	SPK: 150
13127-88-3	Phenol-d6	76.3		30 (15) - 130 (107)	51%	SPK: 150
4165-60-0	Nitrobenzene-d5	60.5		30 (18) - 130 (107)	60%	SPK: 100
321-60-8	2-Fluorobiphenyl	71.0		30 (20) - 130 (109)	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	89.9		30 (10) - 130 (116)	60%	SPK: 150
1718-51-0	Terphenyl-d14	66.4		30 (10) - 130 (105)	66%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	96500	6.875			
1146-65-2	Naphthalene-d8	315000	8.151			
15067-26-2	Acenaphthene-d10	147000	9.91			
1517-22-2	Phenanthrene-d10	285000	11.398			
1719-03-5	Chrysene-d12	192000	14.045			
1520-96-3	Perylene-d12	146000	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	J		2.13	ug/Kg
000119-61-9	Benzophenone	390	J		10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	510	J		11.9	ug/Kg
000057-11-4	Octadecanoic acid	150	J		12.7	ug/Kg
018435-45-5	1-Nonadecene	200	J		13.9	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen			Date Collected:	11/12/24
Project:	BAPS North Bergen			Date Received:	11/12/24
Client Sample ID:	SOIL-4			SDG No.:	P4822
Lab Sample ID:	P4822-08			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	92.9
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF140517.D	1	11/13/24 09:15	11/20/24 23:06	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-10	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.5
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140514.D	1	11/13/24 09:15	11/20/24 21:47	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	360	ug/Kg
108-95-2	Phenol	90.3	U	90.3	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.2	U	91.2	190	ug/Kg
95-57-8	2-Chlorophenol	91.0	U	91.0	190	ug/Kg
95-48-7	2-Methylphenol	87.8	U	87.8	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99.0	U	99.0	190	ug/Kg
98-86-2	Acetophenone	94.7	U	94.7	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.0	U	87.0	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	43.9	U	43.9	87.2	ug/Kg
67-72-1	Hexachloroethane	90.4	U	90.4	190	ug/Kg
98-95-3	Nitrobenzene	98.9	U	98.9	190	ug/Kg
78-59-1	Isophorone	92.2	U	92.2	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.5	U	93.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.3	U	82.3	190	ug/Kg
91-20-3	Naphthalene	90.0	U	90.0	190	ug/Kg
106-47-8	4-Chloroaniline	90.0	UQ	90.0	190	ug/Kg
87-68-3	Hexachlorobutadiene	90.8	U	90.8	190	ug/Kg
105-60-2	Caprolactam	94.6	U	94.6	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.4	U	84.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	89.9	U	89.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.8	U	77.8	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.6	U	80.6	190	ug/Kg
92-52-4	1,1-Biphenyl	95.2	U	95.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	90.8	U	90.8	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	190	ug/Kg
131-11-3	Dimethylphthalate	89.0	U	89.0	190	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-10	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.5
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140514.D	1	11/13/24 09:15	11/20/24 21:47	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	94.3	U	94.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.7	U	90.7	190	ug/Kg
99-09-2	3-Nitroaniline	97.2	UQ	97.2	190	ug/Kg
83-32-9	Acenaphthene	88.4	U	88.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	260	U	260	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	360	ug/Kg
132-64-9	Dibenzofuran	92.0	U	92.0	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	93.9	U	93.9	190	ug/Kg
84-66-2	Diethylphthalate	87.3	U	87.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.3	U	93.3	190	ug/Kg
86-73-7	Fluorene	93.2	U	93.2	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	88.9	U	88.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.0	U	86.0	190	ug/Kg
118-74-1	Hexachlorobenzene	92.6	U	92.6	190	ug/Kg
1912-24-9	Atrazine	99.6	U	99.6	190	ug/Kg
87-86-5	Pentachlorophenol	84.2	U	84.2	360	ug/Kg
85-01-8	Phenanthrene	91.5	U	91.5	190	ug/Kg
120-12-7	Anthracene	92.0	U	92.0	190	ug/Kg
86-74-8	Carbazole	87.5	U	87.5	190	ug/Kg
84-74-2	Di-n-butylphthalate	91.9	U	91.9	190	ug/Kg
206-44-0	Fluoranthene	190		89.0	190	ug/Kg
129-00-0	Pyrene	130	J	90.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	UQ	110	360	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	87.9	190	ug/Kg
218-01-9	Chrysene	110	J	86.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.2	U	99.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	88.4	190	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-10	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.5
Sample Wt/Vol:	30.09 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140514.D	1	11/13/24 09:15	11/20/24 21:47	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	90.0	U	90.0	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.1	U	85.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.5	U	88.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87.3	U	87.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.6	U	94.6	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.4	U	81.4	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	78.1		30 (18) - 130 (112)	52%	SPK: 150
13127-88-3	Phenol-d6	70.2		30 (15) - 130 (107)	47%	SPK: 150
4165-60-0	Nitrobenzene-d5	55.1		30 (18) - 130 (107)	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	66.2		30 (20) - 130 (109)	66%	SPK: 100
118-79-6	2,4,6-Tribromophenol	75.2		30 (10) - 130 (116)	50%	SPK: 150
1718-51-0	Terphenyl-d14	49.8		30 (10) - 130 (105)	50%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	108000	6.875			
1146-65-2	Naphthalene-d8	359000	8.151			
15067-26-2	Acenaphthene-d10	160000	9.91			
1517-22-2	Phenanthrene-d10	278000	11.398			
1719-03-5	Chrysene-d12	237000	14.045			
1520-96-3	Perylene-d12	186000	15.527			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1200	J		2.15	ug/Kg
000119-61-9	Benzophenone	440	J		10.6	ug/Kg
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	79.2	J		10.9	ug/Kg
000057-10-3	n-Hexadecanoic acid	740	J		11.9	ug/Kg
000057-11-4	Octadecanoic acid	280	J		12.7	ug/Kg
028413-57-2	1-(Phenylthio)-3,7,11-trimethyl-2,	320	J		14.9	ug/Kg
000112-95-8	Eicosane	140	J		15.2	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen			Date Collected:	11/12/24
Project:	BAPS North Bergen			Date Received:	11/12/24
Client Sample ID:	SOIL-5			SDG No.:	P4822
Lab Sample ID:	P4822-10			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	91.5
Sample Wt/Vol:	30.09	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF140514.D	1	11/13/24 09:15	11/20/24 21:47	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000629-94-7	Heneicosane	150	J		16.0	ug/Kg

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-6	SDG No.:	P4822
Lab Sample ID:	P4822-12	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140515.D	1	11/13/24 09:15	11/20/24 22:13	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	200	U	200	360	ug/Kg
108-95-2	Phenol	90.6	U	90.6	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	91.5	U	91.5	190	ug/Kg
95-57-8	2-Chlorophenol	91.3	U	91.3	190	ug/Kg
95-48-7	2-Methylphenol	88.1	U	88.1	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	99.4	U	99.4	190	ug/Kg
98-86-2	Acetophenone	95.0	U	95.0	190	ug/Kg
65794-96-9	3+4-Methylphenols	87.2	U	87.2	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	44.1	U	44.1	87.4	ug/Kg
67-72-1	Hexachloroethane	90.7	U	90.7	190	ug/Kg
98-95-3	Nitrobenzene	99.3	U	99.3	190	ug/Kg
78-59-1	Isophorone	92.5	U	92.5	190	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	190	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	93.8	U	93.8	190	ug/Kg
120-83-2	2,4-Dichlorophenol	82.5	U	82.5	190	ug/Kg
91-20-3	Naphthalene	90.3	U	90.3	190	ug/Kg
106-47-8	4-Chloroaniline	90.3	UQ	90.3	190	ug/Kg
87-68-3	Hexachlorobutadiene	91.1	U	91.1	190	ug/Kg
105-60-2	Caprolactam	94.9	U	94.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84.7	U	84.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	90.2	U	90.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	UQ	170	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	78.0	U	78.0	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	80.9	U	80.9	190	ug/Kg
92-52-4	1,1-Biphenyl	95.5	U	95.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	91.1	U	91.1	190	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	190	ug/Kg
131-11-3	Dimethylphthalate	89.3	U	89.3	190	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-6	SDG No.:	P4822
Lab Sample ID:	P4822-12	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140515.D	1	11/13/24 09:15	11/20/24 22:13	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	94.6	U	94.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	90.9	U	90.9	190	ug/Kg
99-09-2	3-Nitroaniline	97.5	UQ	97.5	190	ug/Kg
83-32-9	Acenaphthene	88.7	U	88.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	360	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	360	ug/Kg
132-64-9	Dibenzofuran	92.3	U	92.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	94.2	U	94.2	190	ug/Kg
84-66-2	Diethylphthalate	87.6	U	87.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	93.6	U	93.6	190	ug/Kg
86-73-7	Fluorene	93.5	U	93.5	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	89.2	U	89.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	86.2	U	86.2	190	ug/Kg
118-74-1	Hexachlorobenzene	92.9	U	92.9	190	ug/Kg
1912-24-9	Atrazine	99.9	U	99.9	190	ug/Kg
87-86-5	Pentachlorophenol	84.5	U	84.5	360	ug/Kg
85-01-8	Phenanthrene	94.1	J	91.8	190	ug/Kg
120-12-7	Anthracene	92.3	U	92.3	190	ug/Kg
86-74-8	Carbazole	87.8	U	87.8	190	ug/Kg
84-74-2	Di-n-butylphthalate	92.1	U	92.1	190	ug/Kg
206-44-0	Fluoranthene	190		89.3	190	ug/Kg
129-00-0	Pyrene	130	J	90.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	UQ	110	360	ug/Kg
56-55-3	Benzo(a)anthracene	90.0	J	88.2	190	ug/Kg
218-01-9	Chrysene	89.2	J	86.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	99.5	U	99.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	88.7	190	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-6	SDG No.:	P4822
Lab Sample ID:	P4822-12	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.3
Sample Wt/Vol:	30.06 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BF140515.D	1	11/13/24 09:15	11/20/24 22:13	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	90.3	U	90.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	85.4	U	85.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88.8	U	88.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	87.6	U	87.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	94.9	U	94.9	190	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81.7	U	81.7	190	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	97.9		30 (18) - 130 (112)	65%	SPK: 150
13127-88-3	Phenol-d6	88.1		30 (15) - 130 (107)	59%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.9		30 (18) - 130 (107)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	80.7		30 (20) - 130 (109)	81%	SPK: 100
118-79-6	2,4,6-Tribromophenol	97.9		30 (10) - 130 (116)	65%	SPK: 150
1718-51-0	Terphenyl-d14	64.2		30 (10) - 130 (105)	64%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	108000	6.875			
1146-65-2	Naphthalene-d8	361000	8.151			
15067-26-2	Acenaphthene-d10	164000	9.91			
1517-22-2	Phenanthrene-d10	294000	11.398			
1719-03-5	Chrysene-d12	239000	14.045			
1520-96-3	Perylene-d12	181000	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1700	J		2.15	ug/Kg
000119-61-9	Benzophenone	500	J		10.6	ug/Kg
000947-19-3	Methanone, (1-hydroxycyclohexyl)ph	76.2	J		10.9	ug/Kg
000057-10-3	n-Hexadecanoic acid	510	J		11.9	ug/Kg
000057-11-4	Octadecanoic acid	130	J		12.7	ug/Kg
000112-88-9	1-Octadecene	200	J		13.9	ug/Kg
000629-97-0	Docosane	75.4	J		14.5	ug/Kg

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Report of Analysis

Client:	BAPS North Bergen			Date Collected:	11/12/24
Project:	BAPS North Bergen			Date Received:	11/12/24
Client Sample ID:	SOIL-6			SDG No.:	P4822
Lab Sample ID:	P4822-12			Matrix:	SOIL
Analytical Method:	SW8270			% Solid:	91.3
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BF140515.D	1	11/13/24 09:15	11/20/24 22:13	PB164940

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
007683-64-9	Supraene	150	J		14.9	ug/Kg
1000406-32-4	Dotriacontane, 1-iodo-	400	J		15.2	ug/Kg
000629-92-5	Nonadecane	370	J		16.0	ug/Kg
001617-70-5	Lup-20(29)-en-3-one	620	J		18.2	ug/Kg
001058-61-3	Stigmast-4-en-3-one	530	J		18.7	ug/Kg

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

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LAB CHRONICLE

OrderID:	P4822	**OrderDate:**	11/12/2024 1:54:09 PM
Client:	BAPS North Bergen	**Project:**	BAPS North Bergen
Contact:	Rakesh Patel	**Location:**	L21,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4822-02	**SOIL-1**	**SOIL**			**11/12/24**			**11/12/24**
			SVOC-TCL BNA -20	8270E		11/13/24	11/22/24	
P4822-04	**SOIL-2**	**SOIL**			**11/12/24**			**11/12/24**
			SVOC-TCL BNA -20	8270E		11/13/24	11/22/24	
P4822-06	**SOIL-3**	**SOIL**			**11/12/24**			**11/12/24**
			SVOC-TCL BNA -20	8270E		11/13/24	11/20/24	
P4822-08	**SOIL-4**	**SOIL**			**11/12/24**			**11/12/24**
			SVOC-TCL BNA -20	8270E		11/13/24	11/20/24	
P4822-10	**SOIL-5**	**SOIL**			**11/12/24**			**11/12/24**
			SVOC-TCL BNA -20	8270E		11/13/24	11/20/24	
P4822-12	**SOIL-6**	**SOIL**			**11/12/24**			**11/12/24**
			SVOC-TCL BNA -20	8270E		11/13/24	11/20/24	

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Hit Summary Sheet
SW-846

SDG No.: P4822 **Order ID:** P4822

Client: BAPS North Bergen **Project ID:** BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SOIL-1								
P4822-02	SOIL-1	SOIL	Dieldrin	0.54	JP	0.16	1.80	ug/kg
P4822-02	SOIL-1	SOIL	4,4-DDE	0.42	J	0.14	1.80	ug/kg
P4822-02	SOIL-1	SOIL	Endrin	0.33	J	0.17	1.80	ug/kg
P4822-02	SOIL-1	SOIL	4,4-DDT	2.50	P	0.18	1.80	ug/kg
P4822-02	SOIL-1	SOIL	alpha-Chlordane	1.30	JP	0.18	1.80	ug/kg
			Total Concentration:	**5.090**				
Client ID : SOIL-2								
P4822-04	SOIL-2	SOIL	Dieldrin	0.96	JP	0.17	1.90	ug/kg
P4822-04	SOIL-2	SOIL	4,4-DDE	0.78	J	0.14	1.90	ug/kg
P4822-04	SOIL-2	SOIL	Endrin	0.49	JP	0.18	1.90	ug/kg
P4822-04	SOIL-2	SOIL	4,4-DDT	3.30	P	0.19	1.90	ug/kg
P4822-04	SOIL-2	SOIL	alpha-Chlordane	0.85	JP	0.19	1.90	ug/kg
			Total Concentration:	**6.380**				
Client ID : SOIL-3								
P4822-06	SOIL-3	SOIL	Dieldrin	0.76	JP	0.16	1.90	ug/kg
P4822-06	SOIL-3	SOIL	4,4-DDE	0.68	J	0.14	1.90	ug/kg
P4822-06	SOIL-3	SOIL	Endrin	0.40	J	0.17	1.90	ug/kg
P4822-06	SOIL-3	SOIL	4,4-DDT	2.90	P	0.19	1.90	ug/kg
P4822-06	SOIL-3	SOIL	alpha-Chlordane	0.72	JP	0.19	1.90	ug/kg
			Total Concentration:	**5.460**				
Client ID : SOIL-4								
P4822-08	SOIL-4	SOIL	Dieldrin	1.40	JP	0.16	1.80	ug/kg
P4822-08	SOIL-4	SOIL	4,4-DDE	1.10	J	0.14	1.80	ug/kg
P4822-08	SOIL-4	SOIL	Endrin	0.74	J	0.17	1.80	ug/kg
P4822-08	SOIL-4	SOIL	4,4-DDT	4.40	P	0.18	1.80	ug/kg
P4822-08	SOIL-4	SOIL	alpha-Chlordane	1.90	P	0.18	1.80	ug/kg
			Total Concentration:	**9.540**				
Client ID : SOIL-5								
P4822-10	SOIL-5	SOIL	Dieldrin	1.30	JP	0.16	1.90	ug/kg
P4822-10	SOIL-5	SOIL	Endrin	0.38	J	0.17	1.90	ug/kg
P4822-10	SOIL-5	SOIL	Endosulfan Sulfate	0.57	JP	0.14	1.90	ug/kg
P4822-10	SOIL-5	SOIL	4,4-DDT	2.60	P	0.19	1.90	ug/kg
P4822-10	SOIL-5	SOIL	alpha-Chlordane	1.20	JP	0.19	1.90	ug/kg
P4822-10	SOIL-5	SOIL	gamma-Chlordane	1.90	P	0.21	1.90	ug/kg

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Hit Summary Sheet
SW-846

SDG No.: P4822 **Order ID:** P4822

Client: BAPS North Bergen **Project ID:** BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:	**7.950**				
Client ID :	**SOIL-6**							
P4822-12	SOIL-6	SOIL	Dieldrin	0.49	JP	0.16	1.90	ug/kg
P4822-12	SOIL-6	SOIL	4,4-DDE	0.32	J	0.14	1.90	ug/kg
P4822-12	SOIL-6	SOIL	Endrin	0.24	J	0.18	1.90	ug/kg
P4822-12	SOIL-6	SOIL	4,4-DDT	1.60	JP	0.19	1.90	ug/kg
P4822-12	SOIL-6	SOIL	alpha-Chlordane	1.80	JP	0.19	1.90	ug/kg
P4822-12	SOIL-6	SOIL	gamma-Chlordane	0.87	JP	0.21	1.90	ug/kg
			Total Concentration:	**5.320**				

SAMPLE DATA

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-02	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	92.4 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093030.D	1	11/13/24 08:40	11/13/24 13:57	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.53	U	0.53	1.80	ug/kg
319-86-8	delta-BHC	0.51	U	0.51	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.21	U	0.21	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	0.54	JP	0.16	1.80	ug/kg
72-55-9	4,4-DDE	0.42	J	0.14	1.80	ug/kg
72-20-8	Endrin	0.33	J	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	0.21	U	0.21	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	2.50	P	0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.80	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.80	ug/kg
5103-71-9	alpha-Chlordane	1.30	JP	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.21	U	0.21	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	35.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	13.6		30 (10) - 150 (148)	68%	SPK: 20
877-09-8	Tetrachloro-m-xylene	14.1		30 (10) - 150 (159)	70%	SPK: 20

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-02	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	92.4 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093030.D	1	11/13/24 08:40	11/13/24 13:57	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-04	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	89.7 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093031.D	1	11/13/24 08:40	11/13/24 14:10	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.20	U	0.20	1.90	ug/kg
319-85-7	beta-BHC	0.55	U	0.55	1.90	ug/kg
319-86-8	delta-BHC	0.52	U	0.52	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.21	U	0.21	1.90	ug/kg
76-44-8	Heptachlor	0.19	U	0.19	1.90	ug/kg
309-00-2	Aldrin	0.16	U	0.16	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.26	U	0.26	1.90	ug/kg
959-98-8	Endosulfan I	0.19	U	0.19	1.90	ug/kg
60-57-1	Dieldrin	0.96	JP	0.17	1.90	ug/kg
72-55-9	4,4-DDE	0.78	J	0.14	1.90	ug/kg
72-20-8	Endrin	0.49	JP	0.18	1.90	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	1.90	ug/kg
72-54-8	4,4-DDD	0.21	U	0.21	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	3.30	P	0.19	1.90	ug/kg
72-43-5	Methoxychlor	0.42	U	0.42	1.90	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.43	U	0.43	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.85	JP	0.19	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.21	U	0.21	1.90	ug/kg
8001-35-2	Toxaphene	5.80	U	5.80	36.7	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.7		30 (10) - 150 (148)	79%	SPK: 20
877-09-8	Tetrachloro-m-xylene	17.0		30 (10) - 150 (159)	85%	SPK: 20

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-04	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	89.7 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093031.D	1	11/13/24 08:40	11/13/24 14:10	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3	SDG No.:	P4822
Lab Sample ID:	P4822-06	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	91.4 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093032.D	1	11/13/24 08:40	11/13/24 14:24	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.20	U	0.20	1.90	ug/kg
319-85-7	beta-BHC	0.54	U	0.54	1.90	ug/kg
319-86-8	delta-BHC	0.51	U	0.51	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.21	U	0.21	1.90	ug/kg
76-44-8	Heptachlor	0.19	U	0.19	1.90	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.90	ug/kg
959-98-8	Endosulfan I	0.19	U	0.19	1.90	ug/kg
60-57-1	Dieldrin	0.76	JP	0.16	1.90	ug/kg
72-55-9	4,4-DDE	0.68	J	0.14	1.90	ug/kg
72-20-8	Endrin	0.40	J	0.17	1.90	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	1.90	ug/kg
72-54-8	4,4-DDD	0.21	U	0.21	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	2.90	P	0.19	1.90	ug/kg
72-43-5	Methoxychlor	0.42	U	0.42	1.90	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.43	U	0.43	1.90	ug/kg
5103-71-9	alpha-Chlordane	0.72	JP	0.19	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.21	U	0.21	1.90	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	36.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	12.2		30 (10) - 150 (148)	61%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.9		30 (10) - 150 (159)	65%	SPK: 20

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Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-3		SDG No.:	P4822	
Lab Sample ID:	P4822-06		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	91.4	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093032.D	1	11/13/24 08:40	11/13/24 14:24	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-08	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	92.9 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093033.D	1	11/13/24 08:40	11/13/24 14:37	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.19	U	0.19	1.80	ug/kg
319-85-7	beta-BHC	0.53	U	0.53	1.80	ug/kg
319-86-8	delta-BHC	0.50	U	0.50	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	0.20	U	0.20	1.80	ug/kg
76-44-8	Heptachlor	0.18	U	0.18	1.80	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.80	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.80	ug/kg
959-98-8	Endosulfan I	0.18	U	0.18	1.80	ug/kg
60-57-1	Dieldrin	1.40	JP	0.16	1.80	ug/kg
72-55-9	4,4-DDE	1.10	J	0.14	1.80	ug/kg
72-20-8	Endrin	0.74	J	0.17	1.80	ug/kg
33213-65-9	Endosulfan II	0.32	U	0.32	1.80	ug/kg
72-54-8	4,4-DDD	0.20	U	0.20	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.80	ug/kg
50-29-3	4,4-DDT	4.40	P	0.18	1.80	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.80	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.80	ug/kg
7421-93-4	Endrin aldehyde	0.42	U	0.42	1.80	ug/kg
5103-71-9	alpha-Chlordane	1.90	P	0.18	1.80	ug/kg
5103-74-2	gamma-Chlordane	0.20	U	0.20	1.80	ug/kg
8001-35-2	Toxaphene	5.60	U	5.60	35.4	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	15.1		30 (10) - 150 (148)	75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.6		30 (10) - 150 (159)	78%	SPK: 20

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-08	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	92.9 Decanted:
Sample Wt/Vol:	30.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093033.D	1	11/13/24 08:40	11/13/24 14:37	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-10	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	91.5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093034.D	1	11/13/24 08:40	11/13/24 14:51	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.20	U	0.20	1.90	ug/kg
319-85-7	beta-BHC	0.53	U	0.53	1.90	ug/kg
319-86-8	delta-BHC	0.51	U	0.51	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.21	U	0.21	1.90	ug/kg
76-44-8	Heptachlor	0.19	U	0.19	1.90	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.90	ug/kg
959-98-8	Endosulfan I	0.19	U	0.19	1.90	ug/kg
60-57-1	Dieldrin	1.30	JP	0.16	1.90	ug/kg
72-55-9	4,4-DDE	0.14	U	0.14	1.90	ug/kg
72-20-8	Endrin	0.38	J	0.17	1.90	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	1.90	ug/kg
72-54-8	4,4-DDD	0.21	U	0.21	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.57	JP	0.14	1.90	ug/kg
50-29-3	4,4-DDT	2.60	P	0.19	1.90	ug/kg
72-43-5	Methoxychlor	0.41	U	0.41	1.90	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.43	U	0.43	1.90	ug/kg
5103-71-9	alpha-Chlordane	1.20	JP	0.19	1.90	ug/kg
5103-74-2	gamma-Chlordane	1.90	P	0.21	1.90	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	36.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	17.5		30 (10) - 150 (148)	88%	SPK: 20
877-09-8	Tetrachloro-m-xylene	20.5		30 (10) - 150 (159)	103%	SPK: 20

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-10	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	91.5 Decanted:
Sample Wt/Vol:	30.05 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093034.D	1	11/13/24 08:40	11/13/24 14:51	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-6	SDG No.:	P4822
Lab Sample ID:	P4822-12	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	91.3 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093035.D	1	11/13/24 08:40	11/13/24 15:04	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	0.20	U	0.20	1.90	ug/kg
319-85-7	beta-BHC	0.54	U	0.54	1.90	ug/kg
319-86-8	delta-BHC	0.51	U	0.51	1.90	ug/kg
58-89-9	gamma-BHC (Lindane)	0.21	U	0.21	1.90	ug/kg
76-44-8	Heptachlor	0.19	U	0.19	1.90	ug/kg
309-00-2	Aldrin	0.15	U	0.15	1.90	ug/kg
1024-57-3	Heptachlor epoxide	0.25	U	0.25	1.90	ug/kg
959-98-8	Endosulfan I	0.19	U	0.19	1.90	ug/kg
60-57-1	Dieldrin	0.49	JP	0.16	1.90	ug/kg
72-55-9	4,4-DDE	0.32	J	0.14	1.90	ug/kg
72-20-8	Endrin	0.24	J	0.18	1.90	ug/kg
33213-65-9	Endosulfan II	0.33	U	0.33	1.90	ug/kg
72-54-8	4,4-DDD	0.21	U	0.21	1.90	ug/kg
1031-07-8	Endosulfan Sulfate	0.14	U	0.14	1.90	ug/kg
50-29-3	4,4-DDT	1.60	JP	0.19	1.90	ug/kg
72-43-5	Methoxychlor	0.42	U	0.42	1.90	ug/kg
53494-70-5	Endrin ketone	0.24	U	0.24	1.90	ug/kg
7421-93-4	Endrin aldehyde	0.43	U	0.43	1.90	ug/kg
5103-71-9	alpha-Chlordane	1.80	JP	0.19	1.90	ug/kg
5103-74-2	gamma-Chlordane	0.87	JP	0.21	1.90	ug/kg
8001-35-2	Toxaphene	5.70	U	5.70	36.1	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	14.9		30 (10) - 150 (148)	75%	SPK: 20
877-09-8	Tetrachloro-m-xylene	15.7		30 (10) - 150 (159)	78%	SPK: 20

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-6	SDG No.:	P4822
Lab Sample ID:	P4822-12	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	91.3 Decanted:
Sample Wt/Vol:	30.04 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	Pesticide-TCL
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093035.D	1	11/13/24 08:40	11/13/24 15:04	PB164939

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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LAB CHRONICLE

OrderID:	P4822	**OrderDate:**	11/12/2024 1:54:09 PM
Client:	BAPS North Bergen	**Project:**	BAPS North Bergen
Contact:	Rakesh Patel	**Location:**	L21,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4822-01	**SOIL-1**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
P4822-02	**SOIL-1**	**SOIL**			**11/12/24**			**11/12/24**
			PCB	8082A		11/13/24	11/13/24	
			Pesticide-TCL	8081B		11/13/24	11/13/24	
P4822-03	**SOIL-2**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
P4822-04	**SOIL-2**	**SOIL**			**11/12/24**			**11/12/24**
			PCB	8082A		11/13/24	11/13/24	
			Pesticide-TCL	8081B		11/13/24	11/13/24	
P4822-05	**SOIL-3**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	
P4822-06	**SOIL-3**	**SOIL**			**11/12/24**			**11/12/24**
			PCB	8082A		11/13/24	11/13/24	
			Pesticide-TCL	8081B		11/13/24	11/13/24	
P4822-07	**SOIL-4**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	
P4822-08	**SOIL-4**	**SOIL**			**11/12/24**			**11/12/24**
			PCB	8082A		11/13/24	11/13/24	
			Pesticide-TCL	8081B		11/13/24	11/13/24	
P4822-09	**SOIL-5**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	

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LAB CHRONICLE

P4822-10	**SOIL-5**	**SOIL**			**11/12/24**			**11/12/24**
			PCB	8082A		11/13/24	11/13/24	
			Pesticide-TCL	8081B		11/13/24	11/13/24	
P4822-11	**SOIL-6**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	
P4822-12	**SOIL-6**	**SOIL**			**11/12/24**			**11/12/24**
			PCB	8082A		11/13/24	11/13/24	
			Pesticide-TCL	8081B		11/13/24	11/13/24	

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Hit Summary Sheet
SW-846

SDG No.: P4822 **Order ID:** P4822

Client: BAPS North Bergen **Project ID:** BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SOIL-1								
P4822-02	SOIL-1	SOIL	Aroclor-1254	24.3		2.90	18.4	ug/kg
P4822-02	SOIL-1	SOIL	Aroclor-1260	22.7		3.10	18.4	ug/kg
			Total Concentration:	**47.000**				
Client ID : SOIL-2								
P4822-04	SOIL-2	SOIL	Aroclor-1254	29.2		3.00	18.9	ug/kg
P4822-04	SOIL-2	SOIL	Aroclor-1260	26.0		3.20	18.9	ug/kg
			Total Concentration:	**55.200**				
Client ID : SOIL-3								
P4822-06	SOIL-3	SOIL	Aroclor-1254	24.7		3.00	18.6	ug/kg
P4822-06	SOIL-3	SOIL	Aroclor-1260	23.0		3.20	18.6	ug/kg
			Total Concentration:	**47.700**				
Client ID : SOIL-4								
P4822-08	SOIL-4	SOIL	Aroclor-1254	38.9		2.90	18.2	ug/kg
P4822-08	SOIL-4	SOIL	Aroclor-1260	32.0		3.10	18.2	ug/kg
			Total Concentration:	**70.900**				
Client ID : SOIL-5								
P4822-10	SOIL-5	SOIL	Aroclor-1254	16.5	J	3.00	18.5	ug/kg
P4822-10	SOIL-5	SOIL	Aroclor-1260	12.6	J	3.20	18.5	ug/kg
			Total Concentration:	**29.100**				
Client ID : SOIL-6								
P4822-12	SOIL-6	SOIL	Aroclor-1254	21.6		3.00	18.6	ug/kg
P4822-12	SOIL-6	SOIL	Aroclor-1260	14.5	J	3.20	18.6	ug/kg
			Total Concentration:	**36.100**				

SAMPLE DATA

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.4 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107931.D	1	11/13/24 08:40	11/13/24 15:16	PB164938

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.70	U	3.70	18.4	ug/kg
11104-28-2	Aroclor-1221	6.90	U	6.90	18.4	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.4	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.4	ug/kg
12672-29-6	Aroclor-1248	8.50	U	8.50	18.4	ug/kg
11097-69-1	Aroclor-1254	24.3		2.90	18.4	ug/kg
37324-23-5	Aroclor-1262	4.90	U	4.90	18.4	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	18.4	ug/kg
11096-82-5	Aroclor-1260	22.7		3.10	18.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.5		30 (32) - 150 (144)	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.0		30 (32) - 150 (175)	95%	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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-04	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	89.7 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
PO107932.D	1	11/13/24 08:40	11/13/24 15:32	PB164938

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.80	U	3.80	18.9	ug/kg
11104-28-2	Aroclor-1221	7.10	U	7.10	18.9	ug/kg
11141-16-5	Aroclor-1232	3.80	U	3.80	18.9	ug/kg
53469-21-9	Aroclor-1242	3.80	U	3.80	18.9	ug/kg
12672-29-6	Aroclor-1248	8.80	U	8.80	18.9	ug/kg
11097-69-1	Aroclor-1254	29.2		3.00	18.9	ug/kg
37324-23-5	Aroclor-1262	5.10	U	5.10	18.9	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.9	ug/kg
11096-82-5	Aroclor-1260	26.0		3.20	18.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.8		30 (32) - 150 (144)	109%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.1		30 (32) - 150 (175)	101%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
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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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3	SDG No.:	P4822
Lab Sample ID:	P4822-06	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.4 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO107933.D	1	11/13/24 08:40	11/13/24 15:49	PB164938

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.70	U	3.70	18.6	ug/kg
11104-28-2	Aroclor-1221	7.00	U	7.00	18.6	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.6	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.6	ug/kg
12672-29-6	Aroclor-1248	8.60	U	8.60	18.6	ug/kg
11097-69-1	Aroclor-1254	24.7		3.00	18.6	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.6	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	18.6	ug/kg
11096-82-5	Aroclor-1260	23.0		3.20	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.5		30 (32) - 150 (144)	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.6		30 (32) - 150 (175)	78%	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
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() = Laboratory InHouse Limit

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-08	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	92.9 Decanted:
Sample Wt/Vol:	30.09 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
PO107936.D	1	11/13/24 08:40	11/13/24 16:39	PB164938

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.60	U	3.60	18.2	ug/kg
11104-28-2	Aroclor-1221	6.90	U	6.90	18.2	ug/kg
11141-16-5	Aroclor-1232	3.60	U	3.60	18.2	ug/kg
53469-21-9	Aroclor-1242	3.60	U	3.60	18.2	ug/kg
12672-29-6	Aroclor-1248	8.50	U	8.50	18.2	ug/kg
11097-69-1	Aroclor-1254	38.9		2.90	18.2	ug/kg
37324-23-5	Aroclor-1262	4.90	U	4.90	18.2	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	18.2	ug/kg
11096-82-5	Aroclor-1260	32.0		3.10	18.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.3		30 (32) - 150 (144)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		30 (32) - 150 (175)	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

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-10	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	91.5 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
PO107937.D	1	11/13/24 08:40	11/13/24 16:56	PB164938

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.70	U	3.70	18.5	ug/kg
11104-28-2	Aroclor-1221	7.00	U	7.00	18.5	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.5	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.5	ug/kg
12672-29-6	Aroclor-1248	8.60	U	8.60	18.5	ug/kg
11097-69-1	Aroclor-1254	16.5	J	3.00	18.5	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.5	ug/kg
11100-14-4	Aroclor-1268	3.70	U	3.70	18.5	ug/kg
11096-82-5	Aroclor-1260	12.6	J	3.20	18.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.8		30 (32) - 150 (144)	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.0		30 (32) - 150 (175)	85%	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
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Report of Analysis

Client:	BAPS North Bergen		Date Collected:	11/12/24	
Project:	BAPS North Bergen		Date Received:	11/12/24	
Client Sample ID:	SOIL-6		SDG No.:	P4822	
Lab Sample ID:	P4822-12		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	91.3	Decanted:
Sample Wt/Vol:	30.04	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
PO107938.D	1	11/13/24 08:40	11/13/24 17:13	PB164938

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.70	U	3.70	18.6	ug/kg
11104-28-2	Aroclor-1221	7.00	U	7.00	18.6	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	18.6	ug/kg
53469-21-9	Aroclor-1242	3.70	U	3.70	18.6	ug/kg
12672-29-6	Aroclor-1248	8.60	U	8.60	18.6	ug/kg
11097-69-1	Aroclor-1254	21.6		3.00	18.6	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	18.6	ug/kg
11100-14-4	Aroclor-1268	3.80	U	3.80	18.6	ug/kg
11096-82-5	Aroclor-1260	14.5	J	3.20	18.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.3		30 (32) - 150 (144)	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		30 (32) - 150 (175)	96%	SPK: 20

Comments:

U = Not Detected
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E = Value Exceeds Calibration Range
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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
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LAB CHRONICLE

OrderID:	P4822	**OrderDate:**	11/12/2024 1:54:09 PM
Client:	BAPS North Bergen	**Project:**	BAPS North Bergen
Contact:	Rakesh Patel	**Location:**	L21,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4822-01	**SOIL-1**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
P4822-02	**SOIL-1**	**SOIL**			**11/12/24**			**11/12/24**
			PCB	8082A		11/13/24	11/13/24	
P4822-03	**SOIL-2**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
P4822-04	**SOIL-2**	**SOIL**			**11/12/24**			**11/12/24**
			PCB	8082A		11/13/24	11/13/24	
P4822-05	**SOIL-3**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	
P4822-06	**SOIL-3**	**SOIL**			**11/12/24**			**11/12/24**
			PCB	8082A		11/13/24	11/13/24	
P4822-07	**SOIL-4**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	
P4822-08	**SOIL-4**	**SOIL**			**11/12/24**			**11/12/24**
			PCB	8082A		11/13/24	11/13/24	
P4822-09	**SOIL-5**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	
P4822-10	**SOIL-5**	**SOIL**			**11/12/24**			**11/12/24**
			PCB	8082A		11/13/24	11/13/24	

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LAB CHRONICLE

P4822-11	**SOIL-6**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	
P4822-12	**SOIL-6**	**SOIL**			**11/12/24**			**11/12/24**
			PCB	8082A		11/13/24	11/13/24	

SAMPLE DATA

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/13/24 20:16	PB164943

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.40	U	1	0.40	1.06	mg/kg	FC067742.D
Aliphatic C12-C16	Aliphatic C12-C16	0.34	J	1	0.25	0.71	mg/kg	FC067742.D
Aliphatic C16-C21	Aliphatic C16-C21	0.32	U	1	0.32	1.06	mg/kg	FC067742.D
Aliphatic C21-C28	Aliphatic C21-C28	0.85	U	1	0.85	1.41	mg/kg	FC067742.D
Aliphatic C28-C40	Aliphatic C28-C40	9.55		1	1.91	2.12	mg/kg	FC067742.D
Aromatic C10-C12	Aromatic C10-C12	0.34	J	1	0.32	0.71	mg/kg	FD048723.D
Aromatic C12-C16	Aromatic C12-C16	0.44	J	1	0.36	1.06	mg/kg	FD048723.D
Aromatic C16-C21	Aromatic C16-C21	1.54	J	1	1.02	1.77	mg/kg	FD048723.D
Aromatic C21-C36	Aromatic C21-C36	6.53		1	2.12	2.83	mg/kg	FD048723.D
Total AliphaticEPH	Total AliphaticEPH	9.89			3.73	6.36	mg/kg	
Total AromaticEPH	Total AromaticEPH	8.85			3.82	6.37	mg/kg	
Total EPH	Total EPH	18.7			7.55	12.7	mg/kg	

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067742.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		0.40	U	0.40	1.06	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		0.34	J	0.25	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		0.32	U	0.32	1.06	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		0.85	U	0.85	1.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		9.55		1.91	2.12	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		37.0		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4822-01	Acq On:	13 Nov 2024 20:16
Client Sample ID:	SOIL-1	Operator:	YP/AJ
Data file:	FC067742.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.169	6.447	325097	2.4	300	ug/ml
Aliphatic C12-C16	6.448	9.836	625999	4.754	200	ug/ml
Aliphatic C16-C21	9.837	13.192	461136	3.624	300	ug/ml
Aliphatic C21-C28	13.193	16.845	841253	7.005	400	ug/ml
Aliphatic C28-C40	16.846	21.681	13669430	135.216	600	ug/ml
Aliphatic EPH	3.169	21.681	15922915	152.999		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.926	12.926	3994370	36.99		ug/ml
Aliphatic C9-C28	3.169	16.845	2253485	17.783	1200	ug/ml

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048723.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.34	J	0.32	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.44	J	0.36	1.06	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.54	J	1.02	1.77	mg/kg
Aromatic C21-C36	Aromatic C21-C36	6.53		2.12	2.83	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	46.5		40 - 140	93%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	47.1		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.0		40 - 140	66%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4822-01	Acq On:	13 Nov 2024 20:16
Client Sample ID:	SOIL-1	Operator:	YP/AJ
Data file:	FD048723.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.089	5.807	843321	4.786	200	ug/ml
Aromatic C12-C16	5.808	8.412	1099404	6.202	300	ug/ml
Aromatic C16-C21	8.413	12.673	3575104	21.822	500	ug/ml
Aromatic C21-C36	12.674	18.078	14116809	92.44	800	ug/ml
Aromatic EPH	4.089	18.078	19634638	125.25		ug/ml
2-Bromonaphthalene (SURR)	7.367	7.367	7057358	46.5		ug/ml
2-Flurobiphenyl (SURR)	8.217	8.217	4628849	47.14		ug/ml
ortho-Terphenyl (SURR)	11.252	11.252	5612416	32.95		ug/ml

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/13/24 20:52	PB164943

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.41	U	1	0.41	1.09	mg/kg	FC067743.D
Aliphatic C12-C16	Aliphatic C12-C16	0.37	J	1	0.26	0.73	mg/kg	FC067743.D
Aliphatic C16-C21	Aliphatic C16-C21	0.34	J	1	0.33	1.09	mg/kg	FC067743.D
Aliphatic C21-C28	Aliphatic C21-C28	0.87	U	1	0.87	1.45	mg/kg	FC067743.D
Aliphatic C28-C40	Aliphatic C28-C40	11.5		1	1.96	2.18	mg/kg	FC067743.D
Aromatic C10-C12	Aromatic C10-C12	0.45	J	1	0.33	0.73	mg/kg	FD048724.D
Aromatic C12-C16	Aromatic C12-C16	4.11		1	0.37	1.09	mg/kg	FD048724.D
Aromatic C16-C21	Aromatic C16-C21	2.40		1	1.04	1.81	mg/kg	FD048724.D
Aromatic C21-C36	Aromatic C21-C36	3.54		1	2.18	2.90	mg/kg	FD048724.D
Total AliphaticEPH	Total AliphaticEPH	12.2			3.83	6.54	mg/kg	
Total AromaticEPH	Total AromaticEPH	10.5			3.92	6.53	mg/kg	
Total EPH	Total EPH	22.7			7.75	13.1	mg/kg	

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067743.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		0.41	U	0.41	1.09	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		0.37	J	0.26	0.73	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		0.34	J	0.33	1.09	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		0.87	U	0.87	1.45	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		11.5		1.96	2.18	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		46.9		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4822-03	Acq On:	13 Nov 2024 20:52
Client Sample ID:	SOIL-2	Operator:	YP/AJ
Data file:	FC067743.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.169	6.447	394175	2.91	300	ug/ml
Aliphatic C12-C16	6.448	9.836	670276	5.09	200	ug/ml
Aliphatic C16-C21	9.837	13.192	597908	4.699	300	ug/ml
Aliphatic C21-C28	13.193	16.845	902161	7.512	400	ug/ml
Aliphatic C28-C40	16.846	21.681	15993949	158.21	600	ug/ml
Aliphatic EPH	3.169	21.681	18558469	178.421		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.927	12.927	5060163	46.86		ug/ml
Aliphatic C9-C28	3.169	16.845	2564520	20.211	1200	ug/ml

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048724.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aromatic C10-C12	Aromatic C10-C12		0.45	J	0.33	0.73	mg/kg
Aromatic C12-C16	Aromatic C12-C16		4.11		0.37	1.09	mg/kg
Aromatic C16-C21	Aromatic C16-C21		2.40		1.04	1.81	mg/kg
Aromatic C21-C36	Aromatic C21-C36		3.54		2.18	2.90	mg/kg
SURROGATES							
580-13-2	2-Bromonaphthalene (SURR)		55.7		40 - 140	111%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)		56.2		40 - 140	112%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		39.2		40 - 140	78%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4822-03	Acq On:	13 Nov 2024 20:52
Client Sample ID:	SOIL-2	Operator:	YP/AJ
Data file:	FD048724.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.089	5.807	1080905	6.134	200	ug/ml
Aromatic C12-C16	5.808	8.412	10044459	56.661	300	ug/ml
Aromatic C16-C21	8.413	12.673	5430237	33.145	500	ug/ml
Aromatic C21-C36	12.674	18.078	7443564	48.742	800	ug/ml
Aromatic EPH	4.089	18.078	23999165	144.682		ug/ml
2-Bromonaphthalene (SURR)	7.368	7.368	8457342	55.72		ug/ml
2-Flurobiphenyl (SURR)	8.218	8.218	5519312	56.21		ug/ml
ortho-Terphenyl (SURR)	11.253	11.253	6678235	39.21		ug/ml

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3	SDG No.:	P4822
Lab Sample ID:	P4822-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/14/24 1:44	PB164943

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.41	U	1	0.41	1.08	mg/kg	FE051218.D
Aliphatic C12-C16	Aliphatic C12-C16	0.56	J	1	0.26	0.72	mg/kg	FE051218.D
Aliphatic C16-C21	Aliphatic C16-C21	0.48	J	1	0.32	1.08	mg/kg	FE051218.D
Aliphatic C21-C28	Aliphatic C21-C28	0.86	U	1	0.86	1.44	mg/kg	FE051218.D
Aliphatic C28-C40	Aliphatic C28-C40	7.69		1	1.94	2.16	mg/kg	FE051218.D
Aromatic C10-C12	Aromatic C10-C12	0.32	U	1	0.32	0.72	mg/kg	FF015018.D
Aromatic C12-C16	Aromatic C12-C16	2.11		1	0.37	1.08	mg/kg	FF015018.D
Aromatic C16-C21	Aromatic C16-C21	2.12		1	1.04	1.80	mg/kg	FF015018.D
Aromatic C21-C36	Aromatic C21-C36	2.58	J	1	2.16	2.88	mg/kg	FF015018.D
Total AliphaticEPH	Total AliphaticEPH	8.72			3.80	6.48	mg/kg	
Total AromaticEPH	Total AromaticEPH	6.81			3.89	6.48	mg/kg	
Total EPH	Total EPH	15.5			7.69	13.0	mg/kg	

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3	SDG No.:	P4822
Lab Sample ID:	P4822-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051218.D	1	11/13/24	11/14/24	PB164943

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		0.41	U	0.41	1.08	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		0.56	J	0.26	0.72	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		0.48	J	0.32	1.08	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		0.86	U	0.86	1.44	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		7.69		1.94	2.16	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		42.5		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4822-05	Acq On:	14 Nov 2024 01:44
Client Sample ID:	SOIL-3	Operator:	YP\AJ
Data file:	FE051218.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	421102	3.01	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1092301	7.767	200	ug/ml
Aliphatic C16-C21	10.188	13.546	909053	6.598	300	ug/ml
Aliphatic C21-C28	13.547	17.200	1037219	7.743	400	ug/ml
Aliphatic C28-C40	17.201	22.043	13755270	106.838	600	ug/ml
Aliphatic EPH	3.138	22.043	17214945	131.957		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.281	13.281	4822095	42.47		ug/ml
Aliphatic C9-C28	3.138	17.200	3459675	25.118	1200	ug/ml

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3	SDG No.:	P4822
Lab Sample ID:	P4822-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015018.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aromatic C10-C12	Aromatic C10-C12		0.32	U	0.32	0.72	mg/kg
Aromatic C12-C16	Aromatic C12-C16		2.11		0.37	1.08	mg/kg
Aromatic C16-C21	Aromatic C16-C21		2.12		1.04	1.80	mg/kg
Aromatic C21-C36	Aromatic C21-C36		2.58	J	2.16	2.88	mg/kg
SURROGATES							
580-13-2	2-Bromonaphthalene (SURR)		43.7		40 - 140	87%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)		42.6		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		31.8		40 - 140	64%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4822-05	Acq On:	13 Nov 2024 19:07
Client Sample ID:	SOIL-3	Operator:	YP\AJ
Data file:	FF015018.D	Misc:	
Instrument:	FID_F	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	541822	3.505	200	ug/ml
Aromatic C12-C16	6.373	9.063	4499622	29.302	300	ug/ml
Aromatic C16-C21	9.064	13.374	4186325	29.461	500	ug/ml
Aromatic C21-C36	13.375	18.815	4952742	35.879	800	ug/ml
Aromatic EPH	4.508	18.815	14180511	98.147		ug/ml
ortho-Terphenyl (SURR)	11.927	11.927	4688162	31.83		ug/ml
2-Bromonaphthalene (SURR)	7.992	7.992	5816772	43.71		ug/ml
2-Flurobiphenyl (SURR)	8.865	8.865	3795887	42.56		ug/ml

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/14/24 2:13	PB164943

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.41	U	1	0.41	1.07	mg/kg	FE051219.D
Aliphatic C12-C16	Aliphatic C12-C16	0.58	J	1	0.26	0.71	mg/kg	FE051219.D
Aliphatic C16-C21	Aliphatic C16-C21	0.48	J	1	0.32	1.07	mg/kg	FE051219.D
Aliphatic C21-C28	Aliphatic C21-C28	1.27	J	1	0.85	1.42	mg/kg	FE051219.D
Aliphatic C28-C40	Aliphatic C28-C40	18.9		1	1.92	2.13	mg/kg	FE051219.D
Aromatic C10-C12	Aromatic C10-C12	0.45	J	1	0.32	0.71	mg/kg	FF015019.D
Aromatic C12-C16	Aromatic C12-C16	4.10		1	0.36	1.07	mg/kg	FF015019.D
Aromatic C16-C21	Aromatic C16-C21	10.1		1	1.02	1.78	mg/kg	FF015019.D
Aromatic C21-C36	Aromatic C21-C36	14.6		1	2.13	2.85	mg/kg	FF015019.D
Total AliphaticEPH	Total AliphaticEPH	21.2			3.75	6.40	mg/kg	
Total AromaticEPH	Total AromaticEPH	29.3			3.83	6.41	mg/kg	
Total EPH	Total EPH	50.5			7.59	12.8	mg/kg	

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051219.D	1	11/13/24	11/14/24	PB164943

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		0.41	U	0.41	1.07	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		0.58	J	0.26	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		0.48	J	0.32	1.07	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		1.27	J	0.85	1.42	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		18.9		1.92	2.13	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		42.9		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4822-07	Acq On:	14 Nov 2024 02:13
Client Sample ID:	SOIL-4	Operator:	YP\AJ
Data file:	FE051219.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	431903	3.087	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1142258	8.122	200	ug/ml
Aliphatic C16-C21	10.188	13.546	933124	6.773	300	ug/ml
Aliphatic C21-C28	13.547	17.200	2388026	17.828	400	ug/ml
Aliphatic C28-C40	17.201	22.043	34293646	266.362	600	ug/ml
Aliphatic EPH	3.138	22.043	39188957	302.171		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.281	13.281	4869544	42.89		ug/ml
Aliphatic C9-C28	3.138	17.200	4895311	35.81	1200	ug/ml

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015019.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aromatic C10-C12	Aromatic C10-C12		0.45	J	0.32	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16		4.10		0.36	1.07	mg/kg
Aromatic C16-C21	Aromatic C16-C21		10.1		1.02	1.78	mg/kg
Aromatic C21-C36	Aromatic C21-C36		14.6		2.13	2.85	mg/kg
SURROGATES							
580-13-2	2-Bromonaphthalene (SURR)		54.6		40 - 140	109%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)		54.2		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		36.1		40 - 140	72%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4822-07	Acq On:	13 Nov 2024 19:35
Client Sample ID:	SOIL-4	Operator:	YP\AJ
Data file:	FF015019.D	Misc:	
Instrument:	FID_F	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	983824	6.365	200	ug/ml
Aromatic C12-C16	6.373	9.063	8842076	57.58	300	ug/ml
Aromatic C16-C21	9.064	13.374	20256671	142.556	500	ug/ml
Aromatic C21-C36	13.375	18.815	28393433	205.688	800	ug/ml
Aromatic EPH	4.508	18.815	58476004	412.19		ug/ml
ortho-Terphenyl (SURR)	11.927	11.927	5314266	36.08		ug/ml
2-Bromonaphthalene (SURR)	7.992	7.992	7267116	54.61		ug/ml
2-Flurobiphenyl (SURR)	8.867	8.867	4837517	54.24		ug/ml

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/14/24 2:44	PB164943

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.43	U	1	0.43	1.12	mg/kg	FE051220.D
Aliphatic C12-C16	Aliphatic C12-C16	0.54	J	1	0.27	0.75	mg/kg	FE051220.D
Aliphatic C16-C21	Aliphatic C16-C21	0.49	J	1	0.34	1.12	mg/kg	FE051220.D
Aliphatic C21-C28	Aliphatic C21-C28	0.90	U	1	0.90	1.50	mg/kg	FE051220.D
Aliphatic C28-C40	Aliphatic C28-C40	9.66		1	2.02	2.25	mg/kg	FE051220.D
Aromatic C10-C12	Aromatic C10-C12	0.34	U	1	0.34	0.75	mg/kg	FF015020.D
Aromatic C12-C16	Aromatic C12-C16	6.17		1	0.38	1.12	mg/kg	FF015020.D
Aromatic C16-C21	Aromatic C16-C21	6.10		1	1.08	1.87	mg/kg	FF015020.D
Aromatic C21-C36	Aromatic C21-C36	2.32	J	1	2.25	2.99	mg/kg	FF015020.D
Total AliphaticEPH	Total AliphaticEPH	10.7			3.95	6.74	mg/kg	
Total AromaticEPH	Total AromaticEPH	14.6			4.05	6.73	mg/kg	
Total EPH	Total EPH	25.3			8.00	13.5	mg/kg	

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051220.D	1	11/13/24	11/14/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.43	U	0.43	1.12	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.54	J	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.49	J	0.34	1.12	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.90	U	0.90	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.66		2.02	2.25	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	52.4		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4822-09	Acq On:	14 Nov 2024 02:44
Client Sample ID:	SOIL-5	Operator:	YP\AJ
Data file:	FE051220.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	408234	2.918	300	ug/ml
Aliphatic C12-C16	6.756	10.187	1010694	7.187	200	ug/ml
Aliphatic C16-C21	10.188	13.546	900447	6.536	300	ug/ml
Aliphatic C21-C28	13.547	17.200	967484	7.223	400	ug/ml
Aliphatic C28-C40	17.201	22.043	16607250	128.99	600	ug/ml
Aliphatic EPH	3.138	22.043	19894109	152.853		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.281	13.281	5946625	52.38		ug/ml
Aliphatic C9-C28	3.138	17.200	3286859	23.864	1200	ug/ml

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.9
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015020.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aromatic C10-C12	Aromatic C10-C12		0.34	U	0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16		6.17		0.38	1.12	mg/kg
Aromatic C16-C21	Aromatic C16-C21		6.10		1.08	1.87	mg/kg
Aromatic C21-C36	Aromatic C21-C36		2.32	J	2.25	2.99	mg/kg
SURROGATES							
580-13-2	2-Bromonaphthalene (SURR)		53.6		40 - 140	107%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)		52.6		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		45.2		40 - 140	90%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4822-09	Acq On:	13 Nov 2024 20:04
Client Sample ID:	SOIL-5	Operator:	YP\AJ
Data file:	FF015020.D	Misc:	
Instrument:	FID_F	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	679529	4.396	200	ug/ml
Aromatic C12-C16	6.373	9.063	12659957	82.443	300	ug/ml
Aromatic C16-C21	9.064	13.374	11579146	81.488	500	ug/ml
Aromatic C21-C36	13.375	18.815	4275524	30.973	800	ug/ml
Aromatic EPH	4.508	18.815	29194156	199.3		ug/ml
ortho-Terphenyl (SURR)	11.928	11.928	6658910	45.21		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	7133443	53.6		ug/ml
2-Flurobiphenyl (SURR)	8.867	8.867	4689867	52.58		ug/ml

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-6	SDG No.:	P4822
Lab Sample ID:	P4822-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.7
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/13/24 09:40	11/14/24 3:14	PB164943

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.43	U	1	0.43	1.14	mg/kg	FE051221.D
Aliphatic C12-C16	Aliphatic C12-C16	0.53	J	1	0.27	0.76	mg/kg	FE051221.D
Aliphatic C16-C21	Aliphatic C16-C21	0.47	J	1	0.34	1.14	mg/kg	FE051221.D
Aliphatic C21-C28	Aliphatic C21-C28	0.91	U	1	0.91	1.52	mg/kg	FE051221.D
Aliphatic C28-C40	Aliphatic C28-C40	9.01		1	2.05	2.28	mg/kg	FE051221.D
Aromatic C10-C12	Aromatic C10-C12	0.34	U	1	0.34	0.76	mg/kg	FF015012.D
Aromatic C12-C16	Aromatic C12-C16	0.39	U	1	0.39	1.14	mg/kg	FF015012.D
Aromatic C16-C21	Aromatic C16-C21	2.38		1	1.09	1.90	mg/kg	FF015012.D
Aromatic C21-C36	Aromatic C21-C36	3.35		1	2.28	3.04	mg/kg	FF015012.D
Total AliphaticEPH	Total AliphaticEPH	10.0			4.01	6.84	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.73	J		4.10	6.84	mg/kg	
Total EPH	Total EPH	15.7			8.11	13.7	mg/kg	

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-6	SDG No.:	P4822
Lab Sample ID:	P4822-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.7
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051221.D	1	11/13/24	11/14/24	PB164943

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		0.43	U	0.43	1.14	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		0.53	J	0.27	0.76	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		0.47	J	0.34	1.14	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		0.91	U	0.91	1.52	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		9.01		2.05	2.28	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		29.6		40 - 140	59%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4822-11	Acq On:	14 Nov 2024 03:14
Client Sample ID:	SOIL-6	Operator:	YP\AJ
Data file:	FE051221.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.138	6.755	402252	2.875	300	ug/ml
Aliphatic C12-C16	6.756	10.187	976310	6.942	200	ug/ml
Aliphatic C16-C21	10.188	13.546	856563	6.217	300	ug/ml
Aliphatic C21-C28	13.547	17.200	919929	6.868	400	ug/ml
Aliphatic C28-C40	17.201	22.043	15276947	118.657	600	ug/ml
Aliphatic EPH	3.138	22.043	18432001	141.56		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.279	13.279	3361079	29.6		ug/ml
Aliphatic C9-C28	3.138	17.200	3155054	22.902	1200	ug/ml

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-6	SDG No.:	P4822
Lab Sample ID:	P4822-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.7
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015012.D	1	11/13/24	11/13/24	PB164943

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.34	U	0.34	0.76	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.39	U	0.39	1.14	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.38		1.09	1.90	mg/kg
Aromatic C21-C36	Aromatic C21-C36	3.35		2.28	3.04	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	48.8		40 - 140	98%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	48.4		40 - 140	97%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.1		40 - 140	50%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4822-11	Acq On:	13 Nov 2024 16:18
Client Sample ID:	SOIL-6	Operator:	YP\AJ
Data file:	FF015012.D	Misc:	
Instrument:	FID_F	ALS Vial:	61
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.508	6.372	505753	3.272	200	ug/ml
Aromatic C12-C16	6.373	9.063	765591	4.986	300	ug/ml
Aromatic C16-C21	9.064	13.374	4459276	31.382	500	ug/ml
Aromatic C21-C36	13.375	18.815	6092670	44.137	800	ug/ml
Aromatic EPH	4.508	18.815	11823290	83.776		ug/ml
ortho-Terphenyl (SURR)	11.923	11.923	3689427	25.05		ug/ml
2-Bromonaphthalene (SURR)	7.986	7.986	6492062	48.78		ug/ml
2-Flurobiphenyl (SURR)	8.861	8.861	4317603	48.41		ug/ml

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LAB CHRONICLE

OrderID:	P4822	**OrderDate:**	11/12/2024 1:54:09 PM
Client:	BAPS North Bergen	**Project:**	BAPS North Bergen
Contact:	Rakesh Patel	**Location:**	L21,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4822-01	**SOIL-1**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
P4822-03	**SOIL-2**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
P4822-05	**SOIL-3**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	
P4822-07	**SOIL-4**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	
P4822-09	**SOIL-5**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	
P4822-11	**SOIL-6**	**Solid**			**11/12/24**			**11/12/24**
			EPH	NJEPH		11/13/24	11/13/24	
			EPH	NJEPH		11/13/24	11/14/24	

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Hit Summary Sheet
SW-846

SDG No.: P4822 **Order ID:** P4822

Client: BAPS North Bergen **Project ID:** BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : SOIL-1								
P4822-02	SOIL-1	SOIL	Aluminum	6920		2.25	4.66	mg/Kg
P4822-02	SOIL-1	SOIL	Arsenic	6.16		0.27	0.93	mg/Kg
P4822-02	SOIL-1	SOIL	Barium	42.0		0.60	4.66	mg/Kg
P4822-02	SOIL-1	SOIL	Beryllium	0.64		0.011	0.28	mg/Kg
P4822-02	SOIL-1	SOIL	Cadmium	1.72		0.015	0.28	mg/Kg
P4822-02	SOIL-1	SOIL	Calcium	2800		2.61	93.3	mg/Kg
P4822-02	SOIL-1	SOIL	Chromium	16.6		0.050	0.47	mg/Kg
P4822-02	SOIL-1	SOIL	Cobalt	8.64		0.054	1.40	mg/Kg
P4822-02	SOIL-1	SOIL	Copper	26.0		0.44	0.93	mg/Kg
P4822-02	SOIL-1	SOIL	Iron	11700		2.51	4.66	mg/Kg
P4822-02	SOIL-1	SOIL	Lead	73.4		0.14	0.56	mg/Kg
P4822-02	SOIL-1	SOIL	Magnesium	4900		3.20	93.3	mg/Kg
P4822-02	SOIL-1	SOIL	Manganese	305		0.066	0.93	mg/Kg
P4822-02	SOIL-1	SOIL	Mercury	0.047		0.0060	0.014	mg/Kg
P4822-02	SOIL-1	SOIL	Nickel	13.9		0.084	1.87	mg/Kg
P4822-02	SOIL-1	SOIL	Potassium	2500		26.8	93.3	mg/Kg
P4822-02	SOIL-1	SOIL	Silver	0.42	J	0.049	0.47	mg/Kg
P4822-02	SOIL-1	SOIL	Sodium	140		33.7	93.3	mg/Kg
P4822-02	SOIL-1	SOIL	Vanadium	29.4		0.25	1.87	mg/Kg
P4822-02	SOIL-1	SOIL	Zinc	128		0.10	1.87	mg/Kg
Client ID : SOIL-2								
P4822-04	SOIL-2	SOIL	Aluminum	7990		2.21	4.59	mg/Kg
P4822-04	SOIL-2	SOIL	Arsenic	6.84		0.27	0.92	mg/Kg
P4822-04	SOIL-2	SOIL	Barium	45.4		0.59	4.59	mg/Kg
P4822-04	SOIL-2	SOIL	Beryllium	0.76		0.011	0.28	mg/Kg
P4822-04	SOIL-2	SOIL	Cadmium	2.23		0.015	0.28	mg/Kg
P4822-04	SOIL-2	SOIL	Calcium	4650		2.57	91.8	mg/Kg
P4822-04	SOIL-2	SOIL	Chromium	17.0		0.050	0.46	mg/Kg
P4822-04	SOIL-2	SOIL	Cobalt	10.2		0.053	1.38	mg/Kg
P4822-04	SOIL-2	SOIL	Copper	32.4		0.43	0.92	mg/Kg
P4822-04	SOIL-2	SOIL	Iron	12200		2.47	4.59	mg/Kg
P4822-04	SOIL-2	SOIL	Lead	97.0		0.14	0.55	mg/Kg
P4822-04	SOIL-2	SOIL	Magnesium	6480		3.15	91.8	mg/Kg
P4822-04	SOIL-2	SOIL	Manganese	360		0.065	0.92	mg/Kg
P4822-04	SOIL-2	SOIL	Mercury	0.059		0.0060	0.014	mg/Kg
P4822-04	SOIL-2	SOIL	Nickel	18.2		0.083	1.84	mg/Kg
P4822-04	SOIL-2	SOIL	Potassium	2430		26.3	91.8	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: P4822 **Order ID:** P4822

Client: BAPS North Bergen **Project ID:** BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4822-04	SOIL-2	SOIL	Silver	0.44	J	0.048	0.46	mg/Kg
P4822-04	SOIL-2	SOIL	Sodium	133		33.1	91.8	mg/Kg
P4822-04	SOIL-2	SOIL	Vanadium	32.9		0.25	1.84	mg/Kg
P4822-04	SOIL-2	SOIL	Zinc	176		0.10	1.84	mg/Kg
Client ID : SOIL-3								
P4822-06	SOIL-3	SOIL	Aluminum	7270		2.18	4.52	mg/Kg
P4822-06	SOIL-3	SOIL	Antimony	0.32	J	0.14	2.26	mg/Kg
P4822-06	SOIL-3	SOIL	Arsenic	6.44		0.26	0.90	mg/Kg
P4822-06	SOIL-3	SOIL	Barium	41.5		0.58	4.52	mg/Kg
P4822-06	SOIL-3	SOIL	Beryllium	0.68		0.011	0.27	mg/Kg
P4822-06	SOIL-3	SOIL	Cadmium	1.94		0.014	0.27	mg/Kg
P4822-06	SOIL-3	SOIL	Calcium	3130		2.53	90.4	mg/Kg
P4822-06	SOIL-3	SOIL	Chromium	17.3		0.049	0.45	mg/Kg
P4822-06	SOIL-3	SOIL	Cobalt	8.82		0.052	1.36	mg/Kg
P4822-06	SOIL-3	SOIL	Copper	30.3		0.43	0.90	mg/Kg
P4822-06	SOIL-3	SOIL	Iron	11300		2.43	4.52	mg/Kg
P4822-06	SOIL-3	SOIL	Lead	85.8		0.14	0.54	mg/Kg
P4822-06	SOIL-3	SOIL	Magnesium	4950		3.10	90.4	mg/Kg
P4822-06	SOIL-3	SOIL	Manganese	329		0.064	0.90	mg/Kg
P4822-06	SOIL-3	SOIL	Mercury	0.073		0.0070	0.015	mg/Kg
P4822-06	SOIL-3	SOIL	Nickel	15.9		0.081	1.81	mg/Kg
P4822-06	SOIL-3	SOIL	Potassium	2150		26.0	90.4	mg/Kg
P4822-06	SOIL-3	SOIL	Silver	0.38	J	0.047	0.45	mg/Kg
P4822-06	SOIL-3	SOIL	Sodium	118		32.6	90.4	mg/Kg
P4822-06	SOIL-3	SOIL	Vanadium	31.1		0.24	1.81	mg/Kg
P4822-06	SOIL-3	SOIL	Zinc	145		0.099	1.81	mg/Kg
Client ID : SOIL-4								
P4822-08	SOIL-4	SOIL	Aluminum	7540		2.19	4.54	mg/Kg
P4822-08	SOIL-4	SOIL	Antimony	0.29	J	0.14	2.27	mg/Kg
P4822-08	SOIL-4	SOIL	Arsenic	6.59		0.26	0.91	mg/Kg
P4822-08	SOIL-4	SOIL	Barium	46.6		0.58	4.54	mg/Kg
P4822-08	SOIL-4	SOIL	Beryllium	0.69		0.011	0.27	mg/Kg
P4822-08	SOIL-4	SOIL	Cadmium	2.02		0.015	0.27	mg/Kg
P4822-08	SOIL-4	SOIL	Calcium	4240		2.54	90.8	mg/Kg
P4822-08	SOIL-4	SOIL	Chromium	17.2		0.049	0.45	mg/Kg
P4822-08	SOIL-4	SOIL	Cobalt	9.43		0.053	1.36	mg/Kg
P4822-08	SOIL-4	SOIL	Copper	32.5		0.43	0.91	mg/Kg
P4822-08	SOIL-4	SOIL	Iron	11900		2.44	4.54	mg/Kg
P4822-08	SOIL-4	SOIL	Lead	92.0		0.14	0.55	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: P4822 **Order ID:** P4822

Client: BAPS North Bergen **Project ID:** BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4822-08	SOIL-4	SOIL	Magnesium	5190		3.12	90.8	mg/Kg
P4822-08	SOIL-4	SOIL	Manganese	324		0.064	0.91	mg/Kg
P4822-08	SOIL-4	SOIL	Mercury	0.063		0.0060	0.013	mg/Kg
P4822-08	SOIL-4	SOIL	Nickel	17.3		0.082	1.82	mg/Kg
P4822-08	SOIL-4	SOIL	Potassium	2440		26.1	90.8	mg/Kg
P4822-08	SOIL-4	SOIL	Silver	0.39	J	0.047	0.45	mg/Kg
P4822-08	SOIL-4	SOIL	Sodium	142		32.8	90.8	mg/Kg
P4822-08	SOIL-4	SOIL	Vanadium	30.9		0.25	1.82	mg/Kg
P4822-08	SOIL-4	SOIL	Zinc	168		0.10	1.82	mg/Kg
Client ID :	**SOIL-5**							
P4822-10	SOIL-5	SOIL	Aluminum	7940		2.20	4.57	mg/Kg
P4822-10	SOIL-5	SOIL	Arsenic	6.87		0.27	0.92	mg/Kg
P4822-10	SOIL-5	SOIL	Barium	39.7		0.59	4.57	mg/Kg
P4822-10	SOIL-5	SOIL	Beryllium	0.73		0.011	0.27	mg/Kg
P4822-10	SOIL-5	SOIL	Cadmium	1.96		0.015	0.27	mg/Kg
P4822-10	SOIL-5	SOIL	Calcium	2870		2.56	91.5	mg/Kg
P4822-10	SOIL-5	SOIL	Chromium	16.4		0.049	0.46	mg/Kg
P4822-10	SOIL-5	SOIL	Cobalt	9.43		0.053	1.37	mg/Kg
P4822-10	SOIL-5	SOIL	Copper	23.6		0.43	0.92	mg/Kg
P4822-10	SOIL-5	SOIL	Iron	11700		2.46	4.57	mg/Kg
P4822-10	SOIL-5	SOIL	Lead	66.9		0.14	0.55	mg/Kg
P4822-10	SOIL-5	SOIL	Magnesium	5500		3.14	91.5	mg/Kg
P4822-10	SOIL-5	SOIL	Manganese	334		0.065	0.92	mg/Kg
P4822-10	SOIL-5	SOIL	Mercury	0.029		0.0060	0.014	mg/Kg
P4822-10	SOIL-5	SOIL	Nickel	15.7		0.082	1.83	mg/Kg
P4822-10	SOIL-5	SOIL	Potassium	2410		26.2	91.5	mg/Kg
P4822-10	SOIL-5	SOIL	Silver	0.40	J	0.048	0.46	mg/Kg
P4822-10	SOIL-5	SOIL	Sodium	138		33.0	91.5	mg/Kg
P4822-10	SOIL-5	SOIL	Vanadium	32.3		0.25	1.83	mg/Kg
P4822-10	SOIL-5	SOIL	Zinc	125		0.10	1.83	mg/Kg
Client ID :	**SOIL-6**							
P4822-12	SOIL-6	SOIL	Aluminum	8720		2.19	4.54	mg/Kg
P4822-12	SOIL-6	SOIL	Arsenic	7.53		0.26	0.91	mg/Kg
P4822-12	SOIL-6	SOIL	Barium	47.7		0.58	4.54	mg/Kg
P4822-12	SOIL-6	SOIL	Beryllium	0.78		0.011	0.27	mg/Kg
P4822-12	SOIL-6	SOIL	Cadmium	2.34		0.015	0.27	mg/Kg
P4822-12	SOIL-6	SOIL	Calcium	6900		2.55	90.9	mg/Kg
P4822-12	SOIL-6	SOIL	Chromium	19.0		0.049	0.45	mg/Kg
P4822-12	SOIL-6	SOIL	Cobalt	10.5		0.053	1.36	mg/Kg

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Hit Summary Sheet
SW-846

SDG No.: P4822 **Order ID:** P4822

Client: BAPS North Bergen **Project ID:** BAPS North Bergen

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4822-12	SOIL-6	SOIL	Copper	25.4		0.43	0.91	mg/Kg
P4822-12	SOIL-6	SOIL	Iron	13000		2.45	4.54	mg/Kg
P4822-12	SOIL-6	SOIL	Lead	67.2		0.14	0.55	mg/Kg
P4822-12	SOIL-6	SOIL	Magnesium	5840		3.12	90.9	mg/Kg
P4822-12	SOIL-6	SOIL	Manganese	343		0.065	0.91	mg/Kg
P4822-12	SOIL-6	SOIL	Mercury	0.035		0.0070	0.015	mg/Kg
P4822-12	SOIL-6	SOIL	Nickel	17.6		0.082	1.82	mg/Kg
P4822-12	SOIL-6	SOIL	Potassium	2900		26.1	90.9	mg/Kg
P4822-12	SOIL-6	SOIL	Silver	0.46		0.047	0.45	mg/Kg
P4822-12	SOIL-6	SOIL	Sodium	148		32.8	90.9	mg/Kg
P4822-12	SOIL-6	SOIL	Vanadium	34.7		0.25	1.82	mg/Kg
P4822-12	SOIL-6	SOIL	Zinc	133		0.10	1.82	mg/Kg

SAMPLE DATA

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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-02	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	6920		1	2.25	4.66	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-36-0	Antimony	0.14	U	1	0.14	2.33	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-38-2	Arsenic	6.16		1	0.27	0.93	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-39-3	Barium	42.0		1	0.60	4.66	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-41-7	Beryllium	0.64	N	1	0.011	0.28	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-43-9	Cadmium	1.72		1	0.015	0.28	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-70-2	Calcium	2800		1	2.61	93.3	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-47-3	Chromium	16.6	N	1	0.050	0.47	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-48-4	Cobalt	8.64		1	0.054	1.40	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-50-8	Copper	26.0	N	1	0.44	0.93	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7439-89-6	Iron	11700		1	2.51	4.66	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7439-92-1	Lead	73.4		1	0.14	0.56	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7439-95-4	Magnesium	4900		1	3.20	93.3	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7439-96-5	Manganese	305		1	0.066	0.93	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7439-97-6	Mercury	0.047		1	0.0060	0.014	mg/Kg	11/13/24 09:25	11/13/24 13:21	SW7471B	
7440-02-0	Nickel	13.9		1	0.084	1.87	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-09-7	Potassium	2500		1	26.8	93.3	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7782-49-2	Selenium	0.31	UN	1	0.31	0.93	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-22-4	Silver	0.42	J	1	0.049	0.47	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-23-5	Sodium	140	N	1	33.7	93.3	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-28-0	Thallium	0.41	U	1	0.41	1.87	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-62-2	Vanadium	29.4	N	1	0.25	1.87	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050
7440-66-6	Zinc	128		1	0.10	1.87	mg/Kg	11/13/24 09:10	11/14/24 18:00	SW6010	SW3050

Color Before:	LightBrown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	N/A
Comments:	TCL+30/TAL				

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

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

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-04	Matrix:	SOIL
Level (low/med):	low	% Solid:	89.7

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7990		1	2.21	4.59	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-36-0	Antimony	0.14	U	1	0.14	2.29	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-38-2	Arsenic	6.84		1	0.27	0.92	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-39-3	Barium	45.4		1	0.59	4.59	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-41-7	Beryllium	0.76	N	1	0.011	0.28	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-43-9	Cadmium	2.23		1	0.015	0.28	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-70-2	Calcium	4650		1	2.57	91.8	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-47-3	Chromium	17.0	N	1	0.050	0.46	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-48-4	Cobalt	10.2		1	0.053	1.38	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-50-8	Copper	32.4	N	1	0.43	0.92	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7439-89-6	Iron	12200		1	2.47	4.59	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7439-92-1	Lead	97.0		1	0.14	0.55	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7439-95-4	Magnesium	6480		1	3.15	91.8	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7439-96-5	Manganese	360		1	0.065	0.92	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7439-97-6	Mercury	0.059		1	0.0060	0.014	mg/Kg	11/13/24 09:25	11/13/24 13:23	SW7471B	
7440-02-0	Nickel	18.2		1	0.083	1.84	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-09-7	Potassium	2430		1	26.3	91.8	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7782-49-2	Selenium	0.30	UN	1	0.30	0.92	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-22-4	Silver	0.44	J	1	0.048	0.46	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-23-5	Sodium	133	N	1	33.1	91.8	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	1.84	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-62-2	Vanadium	32.9	N	1	0.25	1.84	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050
7440-66-6	Zinc	176		1	0.10	1.84	mg/Kg	11/13/24 09:10	11/14/24 18:33	SW6010	SW3050

Color Before:	LightBrown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	N/A
Comments:	TCL+30/TAL				

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
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E = Indicates the reported value is estimated because of the presence of interference.
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N =Spiked sample recovery not within control limits

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3	SDG No.:	P4822
Lab Sample ID:	P4822-06	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.4

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7270		1	2.18	4.52	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-36-0	Antimony	0.32	J	1	0.14	2.26	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-38-2	Arsenic	6.44		1	0.26	0.90	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-39-3	Barium	41.5		1	0.58	4.52	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-41-7	Beryllium	0.68	N	1	0.011	0.27	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-43-9	Cadmium	1.94		1	0.014	0.27	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-70-2	Calcium	3130		1	2.53	90.4	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-47-3	Chromium	17.3	N	1	0.049	0.45	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-48-4	Cobalt	8.82		1	0.052	1.36	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-50-8	Copper	30.3	N	1	0.43	0.90	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7439-89-6	Iron	11300		1	2.43	4.52	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7439-92-1	Lead	85.8		1	0.14	0.54	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7439-95-4	Magnesium	4950		1	3.10	90.4	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7439-96-5	Manganese	329		1	0.064	0.90	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7439-97-6	Mercury	0.073		1	0.0070	0.015	mg/Kg	11/13/24 09:25	11/13/24 13:41	SW7471B	
7440-02-0	Nickel	15.9		1	0.081	1.81	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-09-7	Potassium	2150		1	26.0	90.4	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7782-49-2	Selenium	0.30	UN	1	0.30	0.90	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-22-4	Silver	0.38	J	1	0.047	0.45	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-23-5	Sodium	118	N	1	32.6	90.4	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	1.81	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-62-2	Vanadium	31.1	N	1	0.24	1.81	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050
7440-66-6	Zinc	145		1	0.099	1.81	mg/Kg	11/13/24 09:10	11/14/24 18:37	SW6010	SW3050

Color Before:	Light Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	N/A
Comments:	TCL+30/TAL				

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
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Alliance TECHNICAL GROUP
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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-08	Matrix:	SOIL
Level (low/med):	low	% Solid:	92.9

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7540		1	2.19	4.54	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-36-0	Antimony	0.29	J	1	0.14	2.27	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-38-2	Arsenic	6.59		1	0.26	0.91	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-39-3	Barium	46.6		1	0.58	4.54	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-41-7	Beryllium	0.69	N	1	0.011	0.27	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-43-9	Cadmium	2.02		1	0.015	0.27	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-70-2	Calcium	4240		1	2.54	90.8	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-47-3	Chromium	17.2	N	1	0.049	0.45	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-48-4	Cobalt	9.43		1	0.053	1.36	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-50-8	Copper	32.5	N	1	0.43	0.91	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7439-89-6	Iron	11900		1	2.44	4.54	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7439-92-1	Lead	92.0		1	0.14	0.55	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7439-95-4	Magnesium	5190		1	3.12	90.8	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7439-96-5	Manganese	324		1	0.064	0.91	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7439-97-6	Mercury	0.063		1	0.0060	0.013	mg/Kg	11/13/24 09:25	11/13/24 13:43	SW7471B	
7440-02-0	Nickel	17.3		1	0.082	1.82	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-09-7	Potassium	2440		1	26.1	90.8	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7782-49-2	Selenium	0.30	UN	1	0.30	0.91	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-22-4	Silver	0.39	J	1	0.047	0.45	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-23-5	Sodium	142	N	1	32.8	90.8	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	1.82	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-62-2	Vanadium	30.9	N	1	0.25	1.82	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050
7440-66-6	Zinc	168		1	0.10	1.82	mg/Kg	11/13/24 09:10	11/14/24 18:41	SW6010	SW3050

Color Before:	Light Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	N/A
Comments:	TCL+30/TAL				

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
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Alliance TECHNICAL GROUP
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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-10	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.5

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	7940		1	2.20	4.57	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-36-0	Antimony	0.14	U	1	0.14	2.29	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-38-2	Arsenic	6.87		1	0.27	0.92	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-39-3	Barium	39.7		1	0.59	4.57	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-41-7	Beryllium	0.73	N	1	0.011	0.27	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-43-9	Cadmium	1.96		1	0.015	0.27	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-70-2	Calcium	2870		1	2.56	91.5	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-47-3	Chromium	16.4	N	1	0.049	0.46	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-48-4	Cobalt	9.43		1	0.053	1.37	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-50-8	Copper	23.6	N	1	0.43	0.92	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7439-89-6	Iron	11700		1	2.46	4.57	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7439-92-1	Lead	66.9		1	0.14	0.55	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7439-95-4	Magnesium	5500		1	3.14	91.5	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7439-96-5	Manganese	334		1	0.065	0.92	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7439-97-6	Mercury	0.029		1	0.0060	0.014	mg/Kg	11/13/24 09:25	11/13/24 13:46	SW7471B	
7440-02-0	Nickel	15.7		1	0.082	1.83	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-09-7	Potassium	2410		1	26.2	91.5	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7782-49-2	Selenium	0.30	UN	1	0.30	0.92	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-22-4	Silver	0.40	J	1	0.048	0.46	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-23-5	Sodium	138	N	1	33.0	91.5	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	1.83	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-62-2	Vanadium	32.3	N	1	0.25	1.83	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050
7440-66-6	Zinc	125		1	0.10	1.83	mg/Kg	11/13/24 09:10	11/14/24 18:45	SW6010	SW3050

Color Before:	Light Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	N/A
Comments:	TCL+30/TAL				

U = Not Detected
LOQ = Limit of Quantitation
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Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-6	SDG No.:	P4822
Lab Sample ID:	P4822-12	Matrix:	SOIL
Level (low/med):	low	% Solid:	91.3

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	8720		1	2.19	4.54	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-36-0	Antimony	0.14	U	1	0.14	2.27	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-38-2	Arsenic	7.53		1	0.26	0.91	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-39-3	Barium	47.7		1	0.58	4.54	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-41-7	Beryllium	0.78	N	1	0.011	0.27	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-43-9	Cadmium	2.34		1	0.015	0.27	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-70-2	Calcium	6900		1	2.55	90.9	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-47-3	Chromium	19.0	N	1	0.049	0.45	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-48-4	Cobalt	10.5		1	0.053	1.36	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-50-8	Copper	25.4	N	1	0.43	0.91	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7439-89-6	Iron	13000		1	2.45	4.54	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7439-92-1	Lead	67.2		1	0.14	0.55	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7439-95-4	Magnesium	5840		1	3.12	90.9	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7439-96-5	Manganese	343		1	0.065	0.91	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7439-97-6	Mercury	0.035		1	0.0070	0.015	mg/Kg	11/13/24 09:25	11/13/24 13:48	SW7471B	
7440-02-0	Nickel	17.6		1	0.082	1.82	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-09-7	Potassium	2900		1	26.1	90.9	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7782-49-2	Selenium	0.30	UN	1	0.30	0.91	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-22-4	Silver	0.46		1	0.047	0.45	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-23-5	Sodium	148	N	1	32.8	90.9	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-28-0	Thallium	0.40	U	1	0.40	1.82	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-62-2	Vanadium	34.7	N	1	0.25	1.82	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050
7440-66-6	Zinc	133		1	0.10	1.82	mg/Kg	11/13/24 09:10	11/14/24 18:50	SW6010	SW3050

Color Before:	Light Brown	Clarity Before:		Texture:	Medium
Color After:	Yellow	Clarity After:		Artifacts:	N/A
Comments:	TCL+30/TAL				

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

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

LAB CHRONICLE

OrderID:	P4822	**OrderDate:**	11/12/2024 1:54:09 PM
Client:	BAPS North Bergen	**Project:**	BAPS North Bergen
Contact:	Rakesh Patel	**Location:**	L21,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4822-02	**SOIL-1**	**SOIL**			**11/12/24**			**11/12/24**
			Mercury	7471B		11/13/24	11/13/24	
			Metals ICP-TAL	6010D		11/13/24	11/14/24	
P4822-04	**SOIL-2**	**SOIL**			**11/12/24**			**11/12/24**
			Mercury	7471B		11/13/24	11/13/24	
			Metals ICP-TAL	6010D		11/13/24	11/14/24	
P4822-06	**SOIL-3**	**SOIL**			**11/12/24**			**11/12/24**
			Mercury	7471B		11/13/24	11/13/24	
			Metals ICP-TAL	6010D		11/13/24	11/14/24	
P4822-08	**SOIL-4**	**SOIL**			**11/12/24**			**11/12/24**
			Mercury	7471B		11/13/24	11/13/24	
			Metals ICP-TAL	6010D		11/13/24	11/14/24	
P4822-10	**SOIL-5**	**SOIL**			**11/12/24**			**11/12/24**
			Mercury	7471B		11/13/24	11/13/24	
			Metals ICP-TAL	6010D		11/13/24	11/14/24	
P4822-12	**SOIL-6**	**SOIL**			**11/12/24**			**11/12/24**
			Mercury	7471B		11/13/24	11/13/24	
			Metals ICP-TAL	6010D		11/13/24	11/14/24	

SAMPLE DATA

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24 11:20
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-1	SDG No.:	P4822
Lab Sample ID:	P4822-02	Matrix:	SOIL
		% Solid:	92.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.15	J	1	0.047	0.27	mg/Kg	11/15/24 12:20	11/15/24 16:40	9012B

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

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Fax : 908 789 8922

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24 11:41
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-2	SDG No.:	P4822
Lab Sample ID:	P4822-04	Matrix:	SOIL
		% Solid:	89.7

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	1.30		1	0.047	0.27	mg/Kg	11/15/24 12:20	11/15/24 16:48	9012B

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

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Fax : 908 789 8922

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24 11:59
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-3	SDG No.:	P4822
Lab Sample ID:	P4822-06	Matrix:	SOIL
		% Solid:	91.4

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.44		1	0.048	0.27	mg/Kg	11/15/24 12:20	11/15/24 16:48	9012B

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

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Fax : 908 789 8922

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24 12:18
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-4	SDG No.:	P4822
Lab Sample ID:	P4822-08	Matrix:	SOIL
		% Solid:	92.9

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.61		1	0.046	0.26	mg/Kg	11/15/24 12:20	11/15/24 16:48	9012B

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

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

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24 12:38
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-5	SDG No.:	P4822
Lab Sample ID:	P4822-10	Matrix:	SOIL
		% Solid:	91.5

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.18	J	1	0.047	0.27	mg/Kg	11/15/24 12:20	11/15/24 16:48	9012B

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

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	BAPS North Bergen	Date Collected:	11/12/24 12:53
Project:	BAPS North Bergen	Date Received:	11/12/24
Client Sample ID:	SOIL-6	SDG No.:	P4822
Lab Sample ID:	P4822-12	Matrix:	SOIL
		% Solid:	91.3

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.
Cyanide	0.31		1	0.046	0.26	mg/Kg	11/15/24 12:20	11/15/24 17:03	9012B

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

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

LAB CHRONICLE

OrderID:	P4822	**OrderDate:**	11/12/2024 1:54:09 PM
Client:	BAPS North Bergen	**Project:**	BAPS North Bergen
Contact:	Rakesh Patel	**Location:**	L21,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4822-02	**SOIL-1**	**SOIL**			**11/12/24 11:20**			**11/12/24**
			Cyanide	9012B		11/15/24	11/15/24 16:40	
P4822-04	**SOIL-2**	**SOIL**			**11/12/24 11:41**			**11/12/24**
			Cyanide	9012B		11/15/24	11/15/24 16:48	
P4822-06	**SOIL-3**	**SOIL**			**11/12/24 11:59**			**11/12/24**
			Cyanide	9012B		11/15/24	11/15/24 16:48	
P4822-08	**SOIL-4**	**SOIL**			**11/12/24 12:18**			**11/12/24**
			Cyanide	9012B		11/15/24	11/15/24 16:48	
P4822-10	**SOIL-5**	**SOIL**			**11/12/24 12:38**			**11/12/24**
			Cyanide	9012B		11/15/24	11/15/24 16:48	
P4822-12	**SOIL-6**	**SOIL**			**11/12/24 12:53**			**11/12/24**
			Cyanide	9012B		11/15/24	11/15/24 17:03	

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. P4822
QUOTE NO.
COC Number 2040631

12
12.1

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: BAPS
ADDRESS: 2000 Tonnelle Ave
CITY North Bergen STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: BAPS Tonnelle Ave
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ❑ Level 1 (Results Only)
- ❑ Level 2 (Results + QC)
- ❑ Level 3 (Results + QC + Raw Data)
- ❑ Level 4 (QC + Full Raw Data)
- ❑ NJ Reduced ❑ US EPA CLP
- ❑ NYS ASP A ❑ NYS ASP B
- ❑ Other _____
- ❑ EDD FORMAT _____

ANALYSIS

1 VOC-TCL VOA-10
2 EPH
3 TCL+30/TAL
4
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								E/F	E	E							← Specify Preservatives: A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER
1.	Soil-1	soil		X	11.12.24	1112	5	X	X								
2.	Soil-1		X			1120	4			X							
3.	Soil-2			X		1134	5	X	X								
4.	Soil-2		X			1141	4			X							
5.	Soil-3			X		1151	5	X	X								
6.	Soil-3		X			1159	4			X							
7.	Soil-4			X		1210	5	X	X								
8.	Soil-4		X			1218	4			X							
9.	Soil-5			Y		1230	5	X	X								
10.	Soil-5		X			1238	4			X							

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. JT	1130 11.12.24	1.
2.		2.
3. JT	1420 11.12.24	3.

Conditions of bottles or coolers at receipt: X COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 3.8 °C
Comments:

Page 1 of 2

CLIENT: ❑ Hand Delivered ❑ Other _____
CHEMTECH: ❑ Picked Up ❑ Field Sampling

Shipment Complete ❑ YES ❑ NO

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

CHEMTECH
CHAIN OF CUSTODY RECORD

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(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. P4822
COC Number 2040632

12
12.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: BAPS
ADDRESS: 2000 Tonnelle Ave
CITY North Bergen STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: BAPS Tonnelle Ave
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ❑ Level 1 (Results Only)
- ❑ Level 2 (Results + QC)
- ❑ Level 3 (Results + QC + Raw Data)
- ❑ EDD FORMAT _____
- ❑ Level 4 (QC + Full Raw Data)
- ❑ NJ Reduced ❑ US EPA CLP
- ❑ NYS ASP A ❑ NYS ASP B
- ❑ Other _____

ANALYSIS

1 VOC - TCL VOA-10
2 EPH
3 TCL +30/TAL
4
5
6
7
8
9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
1.	Soil-6	Soil		X	11-12-24	1245	5	X	X								
2.	Soil-6	Soil	X		11-12-24	1253	4			X							
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. JT	1310 11-12-24	1.
2.		2.
3. JT	1420 11-12-24	3.

Conditions of bottles or coolers at receipt: ☒ COMPLIANT ❑ NON COMPLIANT ❑ COOLER TEMP 3.8 °C
Comments:

Page 2 of 2

CLIENT: ❑ Hand Delivered ❑ Other _____
CHEMTECH: ❑ Picked Up ❑ Field Sampling

Shipment Complete
❑ YES ❑ NO

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

CHEMTECH
Environmental Laboratory
www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: BAPS Tonnelle Ave
Service Order #:
Work Order #:
Labor WBS #:
Facility/Site:
Site Address: 2000 Tonnelle Ave, North Bergen NJ

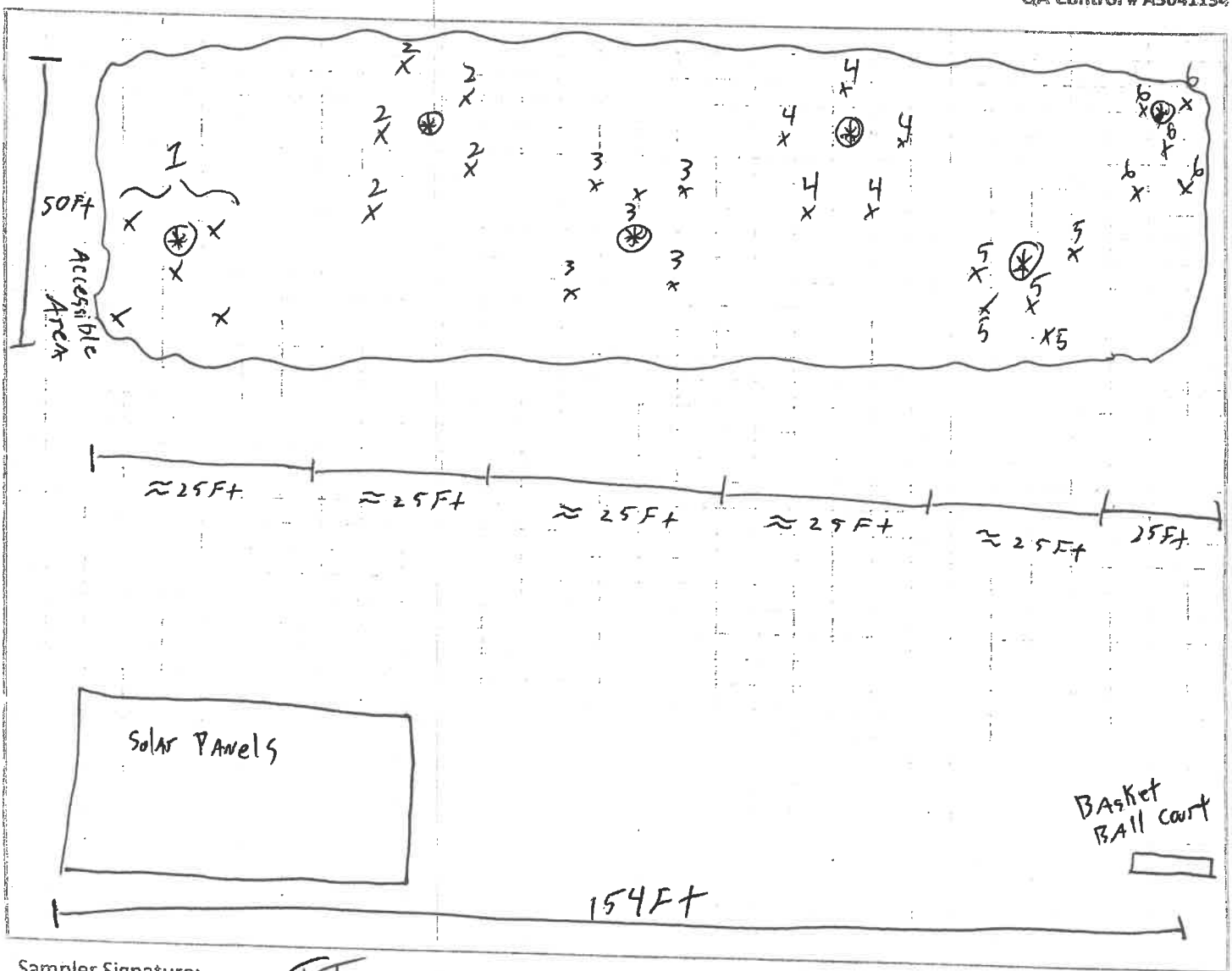
Chemtech Order ID:
Sampler Name: IT
Client Project Coordinator & Phone: Prinsh
Page #: 1 of 1
Date: 11.12.24
Arrive Time: 1030
Depart Time: 1310

Waste Stream (circle one): drum / roll-off / soil pile / (in-situ) / linear construction / frac-tank
Sample Matrices (circle all that apply): Water / (Solid) / NAPL / Concrete / Wipe

Collection Depths: NA
Dimensions/CY: 154 x (≈50) x (≈15)
Temp (range): 3.8 °C
PID Readings (range): 0.0 PPM
Odor: Y / (N)
Color: Y / (N)
Sample Description: Sandy Rocky soil, woodchips present
Field Observations: Large hill back of Parking Lot

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: IT
Supervisor Review/Date:
Client Signature:
Date/Time Arrived at Lab:

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4822 BAPS03
Client Name : BAPS North Bergen
Client Contact : Rakesh Patel
Invoice Name : BAPS North Bergen
Invoice Contact : Rakesh Patel

Order Date : 11/12/2024 1:54:09 PM
Project Name : BAPS North Bergen
Receive DateTime : 11/12/2024 2:20:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : EXCEL NJCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4822-01	SOIL-1	Solid	11/12/2024	11:12					
					VOC-TCLVOA-10		8260D		10 Bus. Days
P4822-03	SOIL-2	Solid	11/12/2024	11:34					
					VOC-TCLVOA-10		8260D		10 Bus. Days
P4822-05	SOIL-3	Solid	11/12/2024	11:51					
					VOC-TCLVOA-10		8260D		10 Bus. Days
P4822-07	SOIL-4	Solid	11/12/2024	12:10					
					VOC-TCLVOA-10		8260D		10 Bus. Days
P4822-09	SOIL-5	Solid	11/12/2024	12:30					
					VOC-TCLVOA-10		8260D		10 Bus. Days
P4822-11	SOIL-6	Solid	11/12/2024	12:45					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID :	P4822 BAPS03	**Order Date :**	11/12/2024 1:54:09 PM	**Project Mgr :**	
Client Name :	BAPS North Bergen	**Project Name :**	BAPS North Bergen	**Report Type :**	Level 1
Client Contact :	Rakesh Patel	**Receive DateTime :**	11/12/2024 2:20:00 PM	**EDD Type :**	EXCEL NJCLEANUP
Invoice Name :	BAPS North Bergen	**Purchase Order :**		**Hard Copy Date :**	
Invoice Contact :	Rakesh Patel			**Date Signoff :**	

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES

Relinguished By : JT
Date / Time : 11-12-24/1440

Received By : [signature]
Date / Time : 11/12/24 3:20 PM

Storage Area : VOA Refridgerator Room