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

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

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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)
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

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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

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-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						

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-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

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-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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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:	P4822-02	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
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:	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
* = 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:	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
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:	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
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	
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

Alliance TECHNICAL GROUP
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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:	P4822-02	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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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
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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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
MDL = Method Detection 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
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				

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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

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
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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

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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:

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LOD = Limit of Detection
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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
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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

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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:

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

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
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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:

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

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

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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

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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.
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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 11:20**			**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	