

APPENDIX D

ANALYTICAL RESULTS

SHALLOW FILL SAMPLES

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
E	Reported result is estimated. Value reported over verified calibration range.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
PR-03	Sample preserved in the laboratory, not in the field as required by the method.
PR-15	According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.
V-35	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-4(0-2)

Sampled: 10/4/2023 12:45

Sample ID: 23J0841-09

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.015	0.12	0.011	mg/Kg dry	1	J	SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Acrylonitrile	ND	0.0074	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00084	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Benzene	0.0019	0.0025	0.00071	mg/Kg dry	1	J	SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Bromobenzene	ND	0.0025	0.00057	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Bromochloromethane	ND	0.0025	0.00096	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Bromodichloromethane	ND	0.0025	0.00064	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Bromoform	ND	0.0025	0.00075	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/7/23	10/7/23 8:40	MFF
2-Butanone (MEK)	ND	0.049	0.0077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.048	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
n-Butylbenzene	ND	0.0025	0.00080	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
sec-Butylbenzene	ND	0.0025	0.0012	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
tert-Butylbenzene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00096	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Carbon Disulfide	ND	0.012	0.0098	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Carbon Tetrachloride	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Chlorobenzene	ND	0.0025	0.00069	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Chlorodibromomethane	ND	0.0012	0.00078	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Chloroethane	ND	0.025	0.0014	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Chloroform	ND	0.0049	0.00077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
2-Chlorotoluene	ND	0.0025	0.00062	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
4-Chlorotoluene	ND	0.0025	0.00055	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00094	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Dibromomethane	ND	0.0025	0.00085	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,2-Dichlorobenzene	ND	0.0025	0.00065	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,3-Dichlorobenzene	ND	0.0025	0.00068	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,4-Dichlorobenzene	ND	0.0025	0.00074	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
trans-1,4-Dichloro-2-butene	ND	0.0049	0.00076	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	0.0013	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,1-Dichloroethane	ND	0.0025	0.00084	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,2-Dichloroethane	ND	0.0025	0.00082	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,1-Dichloroethylene	ND	0.0049	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
cis-1,2-Dichloroethylene	0.27	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
trans-1,2-Dichloroethylene	0.0029	0.0025	0.00089	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,2-Dichloropropane	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,3-Dichloropropane	ND	0.0012	0.00060	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
2,2-Dichloropropane	ND	0.0025	0.00095	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,1-Dichloropropene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00069	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Diethyl Ether	ND	0.025	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-4(0-2)

Sampled: 10/4/2023 12:45

Sample ID: 23J0841-09

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00084	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,4-Dioxane	ND	0.12	0.056	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Ethylbenzene	0.00081	0.0025	0.00073	mg/Kg dry	1	J	SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Hexachlorobutadiene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
2-Hexanone (MBK)	ND	0.025	0.0062	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Isopropylbenzene (Cumene)	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Methyl Acetate	ND	0.0025	0.0018	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0049	0.00083	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Methyl Cyclohexane	0.0096	0.0025	0.00095	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Methylene Chloride	ND	0.025	0.0012	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	0.0054	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Naphthalene	ND	0.0049	0.00088	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
n-Propylbenzene	ND	0.0025	0.00059	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Styrene	ND	0.0025	0.00061	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00068	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Tetrachloroethylene	3.7	0.0025	0.0010	mg/Kg dry	1	E	SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Tetrachloroethylene	23	0.68	0.11	mg/Kg dry	10		SW-846 8260D	10/7/23	10/10/23 5:20	EEH
Tetrahydrofuran	ND	0.012	0.0044	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Toluene	0.0065	0.0025	0.00083	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,2,3-Trichlorobenzene	ND	0.0025	0.00069	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,2,4-Trichlorobenzene	ND	0.0025	0.00074	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,3,5-Trichlorobenzene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,1,1-Trichloroethane	ND	0.0025	0.00094	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,1,2-Trichloroethane	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Trichloroethylene	0.21	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00092	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,2,3-Trichloropropane	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,2,4-Trimethylbenzene	ND	0.0025	0.00094	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
1,3,5-Trimethylbenzene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
Vinyl Chloride	ND	0.012	0.00091	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF
m+p Xylene	0.0031	0.0049	0.0017	mg/Kg dry	1	J	SW-846 8260D	10/7/23	10/7/23 8:40	MFF
o-Xylene	0.0028	0.0025	0.00068	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:40	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	109	70-130	
1,2-Dichloroethane-d4	91.0	70-130	
Toluene-d8	106	70-130	
Toluene-d8	94.4	70-130	
4-Bromofluorobenzene	103	70-130	
4-Bromofluorobenzene	95.4	70-130	

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Project Location: 215 HIGHLAND PKWY, TONAW Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-4(0-2)

Sampled: 10/4/2023 12:45

Sample ID: 23J0841-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1		SM 2540G	10/11/23	10/11/23 11:45	AV

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-4(0-2)DUP

Sampled: 10/4/2023 12:45

Sample ID: 23J0841-10

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.038	0.13	0.011	mg/Kg dry	1	J	SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Acrylonitrile	ND	0.0075	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	0.00086	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Benzene	0.0019	0.0025	0.00073	mg/Kg dry	1	J	SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Bromobenzene	ND	0.0025	0.00058	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Bromochloromethane	ND	0.0025	0.00098	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Bromodichloromethane	ND	0.0025	0.00065	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Bromoform	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Bromomethane	ND	0.013	0.0022	mg/Kg dry	1	V-34	SW-846 8260D	10/7/23	10/7/23 9:05	MFF
2-Butanone (MEK)	ND	0.050	0.0078	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
tert-Butyl Alcohol (TBA)	ND	0.13	0.050	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
n-Butylbenzene	ND	0.0025	0.00082	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
sec-Butylbenzene	ND	0.0025	0.0012	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
tert-Butylbenzene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	0.00098	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Carbon Disulfide	ND	0.013	0.010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Carbon Tetrachloride	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Chlorobenzene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Chlorodibromomethane	ND	0.0013	0.00079	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Chloroethane	ND	0.025	0.0014	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Chloroform	ND	0.0050	0.00078	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Chloromethane	ND	0.013	0.0012	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
2-Chlorotoluene	ND	0.0025	0.00063	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
4-Chlorotoluene	ND	0.0025	0.00056	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	0.00096	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Dibromomethane	ND	0.0025	0.00087	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,2-Dichlorobenzene	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,3-Dichlorobenzene	ND	0.0025	0.00069	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,4-Dichlorobenzene	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
trans-1,4-Dichloro-2-butene	ND	0.0050	0.00078	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	0.0013	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,1-Dichloroethane	ND	0.0025	0.00086	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,2-Dichloroethane	ND	0.0025	0.00084	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,1-Dichloroethylene	ND	0.0050	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
cis-1,2-Dichloroethylene	0.35	0.0025	0.00080	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
trans-1,2-Dichloroethylene	0.0033	0.0025	0.00091	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,2-Dichloropropane	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,3-Dichloropropane	ND	0.0013	0.00062	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
2,2-Dichloropropane	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,1-Dichloropropene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
cis-1,3-Dichloropropene	ND	0.0013	0.00070	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
trans-1,3-Dichloropropene	ND	0.0013	0.00076	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Diethyl Ether	ND	0.025	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-4(0-2)DUP

Sampled: 10/4/2023 12:45

Sample ID: 23J0841-10

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	0.00085	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,4-Dioxane	ND	0.13	0.057	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Ethylbenzene	0.00075	0.0025	0.00075	mg/Kg dry	1	J	SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Hexachlorobutadiene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
2-Hexanone (MBK)	ND	0.025	0.0063	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Isopropylbenzene (Cumene)	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Methyl Acetate	ND	0.0025	0.0018	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0050	0.00084	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Methyl Cyclohexane	0.0088	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Methylene Chloride	0.0020	0.025	0.0012	mg/Kg dry	1	J	SW-846 8260D	10/7/23	10/7/23 9:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	0.0055	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Naphthalene	ND	0.0050	0.00090	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
n-Propylbenzene	ND	0.0025	0.00060	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Styrene	ND	0.0025	0.00062	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	0.00069	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Tetrachloroethylene	4.1	0.0025	0.0011	mg/Kg dry	1	E	SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Tetrachloroethylene	53	0.70	0.12	mg/Kg dry	10		SW-846 8260D	10/7/23	10/10/23 6:43	EEH
Tetrahydrofuran	ND	0.013	0.0045	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Toluene	0.0069	0.0025	0.00085	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,2,3-Trichlorobenzene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,2,4-Trichlorobenzene	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,3,5-Trichlorobenzene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,1,1-Trichloroethane	ND	0.0025	0.00096	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,1,2-Trichloroethane	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Trichloroethylene	0.22	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	0.00093	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,2,3-Trichloropropane	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,2,4-Trimethylbenzene	ND	0.0025	0.00096	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
1,3,5-Trimethylbenzene	ND	0.0025	0.00073	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Vinyl Chloride	ND	0.013	0.00093	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
m+p Xylene	0.0032	0.0050	0.0018	mg/Kg dry	1	J	SW-846 8260D	10/7/23	10/7/23 9:05	MFF
o-Xylene	0.0029	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 9:05	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	107		70-130				10/10/23 6:43			
1,2-Dichloroethane-d4	92.4		70-130				10/7/23 9:05			
Toluene-d8	103		70-130				10/10/23 6:43			
Toluene-d8	93.3		70-130				10/7/23 9:05			
4-Bromofluorobenzene	99.5		70-130				10/10/23 6:43			
4-Bromofluorobenzene	94.0		70-130				10/7/23 9:05			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 HIGHLAND PKWY, TONAW Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-4(0-2)DUP

Sampled: 10/4/2023 12:45

Sample ID: 23J0841-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.7		% Wt	1		SM 2540G	10/11/23	10/11/23 11:45	AV

7-Day ☐ 10-Day ☒

Due Date: _____

1-Day ☐ 3-Day ☐

7-Day ☐ 4-Day ☐

Format: PDF ☒ EXCEL ☒

Other: _____

CLP Like Data Pkg Required: ☒

Email To: TaylorCC@LRA.com

Fax To #: _____

of Containers
² Preservation Code
³ Container Code

☐ Field Filtered
☐ Lab to Filter

GW = Ground Water
W/W = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
Q = Other (please
define)

I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium
Thiosulfate
O = Other (please
define)

A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please
define)

Please use the following codes to indicate possible sample concentration within the Conc Code column above:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Date/Time:

☐	AWQ STDS	☐	NY TOGS
☐	NYC Sewer Discharge	☐	NY CP-51
☐	Part 360 GW (Landfill)		
☐	NY Restricted Use		
☐	NY Unrestricted Use		
☒	NY Part 375		



Deliverables	
☐	Enhanced Data Package
☒	NYSDEC EQUIS EDD
☐	EQUIS (Standard) EDD
☐	NY Regulatory EDD
☐	NY Regs Hits-Only EDD

Other

NELAP and AIHA-LAP, LLC Accredited

☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☒ Brownfield ☐ MBTA

Other	☐ Chromatogram
	☐ AIHA-LAP, LLC

☐	Soxhlet
☐	Non Soxhlet



Sampled By: JASON K - LRO

Requested Turnaround Time

7-Day ☐ 10-Day ☒

Due Date:

1-Day ☐ 3-Day ☐

2-Day ☐ 4-Day ☐

Format: PDF ☒ EXCEL ☒

Other: ☐

CLP Like Data Pkg Required: ☐

Email To: TALOR@CLIPRO.COM

Fax To #:

I									# of Containers
F									2 Preservation Code
A									3 Container Code
ANALYSIS REQUESTED									☐ Field Filtered ☐ Lab to Filter
									Volatile Organic Compounds Samples ☐ Field Filtered ☐ Lab to Filter

[illegible]

1 Matrix Codes:
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please
define)

² Preservation Codes:

I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium
Thiosulfate
O = Other (please
define)

³ Container Codes:

A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please
define)

PCB ONLY

☐	Soxhlet
☐	Non Soxhlet

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 10/4/23 16:05
Received by: (signature)	Date/Time: 10/4/23 16:05
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time: 10/8/23 10:16
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

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Program Regulatory Information	
☐ AWQ STDs	☐ NY TOGS
☐ NYC Sewer Discharge	☐ NY CP-51
☐ Part 360 GW (Landfill)	
☐ NY Restricted Use	
☐ NY Unrestricted Use	
☐ NY Part 375	



Deliverables:	
☐	Enhanced Data Package
☐	NYSDEC EQUIS ED
☐	EQUIS (Standard) ED
☐	NY Regulatory ED
☐	NY Regs Hits-Only ED

Other		
Project Entity		
☐	Government	☐
☐	Federal	☐
☐	City	☐
☐	Municipality	☐
☐	21 J	☐
☐	Brownfield	☐

NELAP and AIHA LAP, LLC Accredited	
☐ WRA ☐ School ☐ BTA	☐ WRTA ☐ Chromatogram ☐ <i>AIHA-LAP, LLC</i>

SUBSURFACE SOIL SAMPLES

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
PR-03	Sample preserved in the laboratory, not in the field as required by the method.
PR-15	According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-34	Initial calibration verification (ICV) did not meet method specifications and was biased on the low side for this compound. Reported result is estimated.
V-35	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
H-06	Sample was extracted past the recommended holding time.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-01	Laboratory fortified blank/laboratory control sample recovery outside of control limits. Data validation is not affected since all results are "not detected" for all samples in this batch for this compound and bias is on the high side.
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
PR-03	Sample preserved in the laboratory, not in the field as required by the method.
PR-15	According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-06	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-35	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

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FLAG/QUALIFIER SUMMARY

*	QC result is outside of established limits.
†	Wide recovery limits established for difficult compound.
‡	Wide RPD limits established for difficult compound.
#	Data exceeded client recommended or regulatory level
ND	Not Detected
RL	Reporting Limit is at the level of quantitation (LOQ)
DL	Detection Limit is the lower limit of detection determined by the MDL study
MCL	Maximum Contaminant Level
	Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
	No results have been blank subtracted unless specified in the case narrative section.
H-06	Sample was extracted past the recommended holding time.
J	Detected but below the Reporting Limit (lowest calibration standard); therefore, result is an estimated concentration (CLP J-Flag).
L-02	Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.
L-07	Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
MS-15	Matrix spike and matrix spike duplicate recoveries are outside of control limits. Data validation is not affected since results for this compound in this sample are "not detected", and recovery bias is on the high side.
MS-24	Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.
PR-03	Sample preserved in the laboratory, not in the field as required by the method.
PR-15	According to the NY ELAP program, all voa results less than 0.2mg/Kg are estimated and biased low if not collected according to SW-846 5035-L/5035A-L.
RL-11	Elevated reporting limit due to high concentration of target compounds.
V-05	Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.
V-20	Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.
V-35	Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-1.0-1.5

Sampled: 10/2/2023 09:20

Sample ID: 23J0292-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Acrylonitrile	ND	0.0076	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Benzene	ND	0.0025	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Bromobenzene	ND	0.0025	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Bromochloromethane	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Bromodichloromethane	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Bromoform	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Bromomethane	ND	0.013	0.0022	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 9:14	MFF
2-Butanone (MEK)	ND	0.050	0.0079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
tert-Butyl Alcohol (TBA)	ND	0.13	0.050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
n-Butylbenzene	ND	0.0025	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
sec-Butylbenzene	ND	0.0025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
tert-Butylbenzene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Carbon Disulfide	ND	0.013	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Carbon Tetrachloride	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Chlorobenzene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Chlorodibromomethane	ND	0.0013	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Chloroethane	ND	0.025	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Chloroform	ND	0.0050	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Chloromethane	ND	0.013	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
2-Chlorotoluene	ND	0.0025	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
4-Chlorotoluene	ND	0.0025	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Dibromomethane	ND	0.0025	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,2-Dichlorobenzene	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,3-Dichlorobenzene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,4-Dichlorobenzene	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
trans-1,4-Dichloro-2-butene	ND	0.0050	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,1-Dichloroethane	ND	0.0025	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,2-Dichloroethane	ND	0.0025	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,1-Dichloroethylene	ND	0.0050	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
cis-1,2-Dichloroethylene	ND	0.0025	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
trans-1,2-Dichloroethylene	ND	0.0025	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,2-Dichloropropane	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,3-Dichloropropane	ND	0.0013	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
2,2-Dichloropropane	ND	0.0025	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,1-Dichloropropene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
cis-1,3-Dichloropropene	ND	0.0013	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
trans-1,3-Dichloropropene	ND	0.0013	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Diethyl Ether	ND	0.025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-1.0-1.5

Sampled: 10/2/2023 09:20

Sample ID: 23J0292-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,4-Dioxane	ND	0.13	0.057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Ethylbenzene	ND	0.0025	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Hexachlorobutadiene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
2-Hexanone (MBK)	ND	0.025	0.0063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Isopropylbenzene (Cumene)	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Methyl Acetate	ND	0.0025	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0050	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Methyl Cyclohexane	ND	0.0025	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Methylene Chloride	ND	0.025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	0.0056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Naphthalene	ND	0.013	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
n-Propylbenzene	ND	0.0025	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Styrene	ND	0.0025	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Tetrachloroethylene	0.0046	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Tetrahydrofuran	ND	0.013	0.0045	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Toluene	ND	0.0025	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,2,3-Trichlorobenzene	ND	0.0050	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,2,4-Trichlorobenzene	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,3,5-Trichlorobenzene	ND	0.0025	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,1,1-Trichloroethane	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,1,2-Trichloroethane	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Trichloroethylene	0.0027	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,2,3-Trichloropropane	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,2,4-Trimethylbenzene	ND	0.0025	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
1,3,5-Trimethylbenzene	ND	0.0025	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Vinyl Chloride	ND	0.013	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
m+p Xylene	ND	0.0050	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
o-Xylene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:14	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	101		70-130				10/4/23 9:14			
Toluene-d8	96.2		70-130				10/4/23 9:14			
4-Bromofluorobenzene	97.8		70-130				10/4/23 9:14			

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Project Location: Highland Plaza	Sample Description:	Work Order: 23J0292
Date Received: 10/3/2023		
Field Sample #: SB-55-1.0-1.5	Sampled: 10/2/2023 09:20	
Sample ID: 23J0292-07		
Sample Matrix: Soil		

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.6		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-2.0-2.5

Sampled: 10/2/2023 09:22

Sample ID: 23J0292-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Acrylonitrile	ND	0.0076	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Benzene	ND	0.0025	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Bromobenzene	ND	0.0025	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Bromochloromethane	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Bromodichloromethane	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Bromoform	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Bromomethane	ND	0.013	0.0022	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 9:40	MFF
2-Butanone (MEK)	ND	0.051	0.0079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
tert-Butyl Alcohol (TBA)	ND	0.13	0.050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
n-Butylbenzene	ND	0.0025	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
sec-Butylbenzene	ND	0.0025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
tert-Butylbenzene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Carbon Disulfide	ND	0.013	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Carbon Tetrachloride	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Chlorobenzene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Chlorodibromomethane	ND	0.0013	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Chloroethane	ND	0.025	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Chloroform	ND	0.0051	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Chloromethane	ND	0.013	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
2-Chlorotoluene	ND	0.0025	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
4-Chlorotoluene	ND	0.0025	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Dibromomethane	ND	0.0025	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,2-Dichlorobenzene	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,3-Dichlorobenzene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,4-Dichlorobenzene	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
trans-1,4-Dichloro-2-butene	ND	0.0051	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,1-Dichloroethane	ND	0.0025	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,2-Dichloroethane	ND	0.0025	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,1-Dichloroethylene	ND	0.0051	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
cis-1,2-Dichloroethylene	ND	0.0025	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
trans-1,2-Dichloroethylene	ND	0.0025	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,2-Dichloropropane	ND	0.0025	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,3-Dichloropropane	ND	0.0013	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
2,2-Dichloropropane	ND	0.0025	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,1-Dichloropropene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
cis-1,3-Dichloropropene	ND	0.0013	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
trans-1,3-Dichloropropene	ND	0.0013	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Diethyl Ether	ND	0.025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-2.0-2.5

Sampled: 10/2/2023 09:22

Sample ID: 23J0292-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,4-Dioxane	ND	0.13	0.058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Ethylbenzene	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Hexachlorobutadiene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
2-Hexanone (MBK)	ND	0.025	0.0064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Isopropylbenzene (Cumene)	ND	0.0025	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Methyl Acetate	ND	0.0025	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0051	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Methyl Cyclohexane	ND	0.0025	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Methylene Chloride	ND	0.025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	0.0056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Naphthalene	ND	0.013	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
n-Propylbenzene	ND	0.0025	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Styrene	ND	0.0025	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Tetrachloroethylene	0.0017	0.0025	0.0011	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Tetrahydrofuran	ND	0.013	0.0045	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Toluene	ND	0.0025	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,2,3-Trichlorobenzene	ND	0.0051	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,2,4-Trichlorobenzene	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,3,5-Trichlorobenzene	ND	0.0025	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,1,1-Trichloroethane	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,1,2-Trichloroethane	ND	0.0025	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Trichloroethylene	0.0025	0.0025	0.0010	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,2,3-Trichloropropane	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,2,4-Trimethylbenzene	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
1,3,5-Trimethylbenzene	ND	0.0025	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Vinyl Chloride	ND	0.013	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
m+p Xylene	ND	0.0051	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
o-Xylene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:40	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	102		70-130				10/4/23 9:40			
Toluene-d8	96.0		70-130				10/4/23 9:40			
4-Bromofluorobenzene	98.6		70-130				10/4/23 9:40			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-2.0-2.5

Sampled: 10/2/2023 09:22

Sample ID: 23J0292-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.3		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-3.5-4.0

Sampled: 10/2/2023 09:25

Sample ID: 23J0292-09

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Acrylonitrile	ND	0.0074	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Benzene	ND	0.0025	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Bromobenzene	ND	0.0025	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Bromochloromethane	ND	0.0025	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Bromodichloromethane	ND	0.0025	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Bromoform	ND	0.0025	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 10:05	MFF
2-Butanone (MEK)	ND	0.049	0.0077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
n-Butylbenzene	ND	0.0025	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
sec-Butylbenzene	ND	0.0025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
tert-Butylbenzene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Carbon Disulfide	ND	0.012	0.0099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Carbon Tetrachloride	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Chlorobenzene	ND	0.0025	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Chlorodibromomethane	ND	0.0012	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Chloroethane	ND	0.025	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Chloroform	ND	0.0049	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
2-Chlorotoluene	ND	0.0025	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
4-Chlorotoluene	ND	0.0025	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Dibromomethane	ND	0.0025	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,2-Dichlorobenzene	ND	0.0025	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,3-Dichlorobenzene	ND	0.0025	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,4-Dichlorobenzene	ND	0.0025	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
trans-1,4-Dichloro-2-butene	ND	0.0049	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,1-Dichloroethane	ND	0.0025	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,2-Dichloroethane	ND	0.0025	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,1-Dichloroethylene	ND	0.0049	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
cis-1,2-Dichloroethylene	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
trans-1,2-Dichloroethylene	ND	0.0025	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,2-Dichloropropane	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,3-Dichloropropane	ND	0.0012	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
2,2-Dichloropropane	ND	0.0025	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,1-Dichloropropene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Diethyl Ether	ND	0.025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-3.5-4.0

Sampled: 10/2/2023 09:25

Sample ID: 23J0292-09

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,4-Dioxane	ND	0.12	0.056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Ethylbenzene	ND	0.0025	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Hexachlorobutadiene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
2-Hexanone (MBK)	ND	0.025	0.0062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Isopropylbenzene (Cumene)	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Methyl Acetate	ND	0.0025	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0049	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Methyl Cyclohexane	ND	0.0025	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Methylene Chloride	ND	0.025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	0.0054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Naphthalene	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
n-Propylbenzene	ND	0.0025	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Styrene	ND	0.0025	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Tetrachloroethylene	0.0016	0.0025	0.0010	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Tetrahydrofuran	ND	0.012	0.0044	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Toluene	ND	0.0025	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,2,3-Trichlorobenzene	ND	0.0049	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,2,4-Trichlorobenzene	ND	0.0025	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,3,5-Trichlorobenzene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,1,1-Trichloroethane	ND	0.0025	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,1,2-Trichloroethane	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Trichloroethylene	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,2,3-Trichloropropane	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,2,4-Trimethylbenzene	ND	0.0025	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
1,3,5-Trimethylbenzene	ND	0.0025	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Vinyl Chloride	ND	0.012	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
m+p Xylene	ND	0.0049	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
o-Xylene	ND	0.0025	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:05	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	98.6		70-130				10/4/23 10:05			
Toluene-d8	96.1		70-130				10/4/23 10:05			
4-Bromofluorobenzene	101		70-130				10/4/23 10:05			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza Sample Description: Work Order: 23J0292
Date Received: 10/3/2023
Field Sample #: SB-55-3.5-4.0 Sampled: 10/2/2023 09:25
Sample ID: 23J0292-09
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.3		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-5.0-5.5

Sampled: 10/2/2023 09:30

Sample ID: 23J0292-10

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Acrylonitrile	ND	0.0073	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Benzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Bromobenzene	ND	0.0024	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Bromochloromethane	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Bromodichloromethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Bromoform	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 10:31	MFF
2-Butanone (MEK)	ND	0.049	0.0076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
n-Butylbenzene	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
sec-Butylbenzene	ND	0.0024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Carbon Disulfide	ND	0.012	0.0097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Carbon Tetrachloride	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Chlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Chlorodibromomethane	ND	0.0012	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Chloroform	ND	0.0049	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
2-Chlorotoluene	ND	0.0024	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
4-Chlorotoluene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Dibromomethane	ND	0.0024	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
trans-1,4-Dichloro-2-butene	ND	0.0049	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,1-Dichloroethane	ND	0.0024	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,2-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,1-Dichloroethylene	ND	0.0049	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
cis-1,2-Dichloroethylene	0.00083	0.0024	0.00077	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 10:31	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,2-Dichloropropane	ND	0.0024	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,3-Dichloropropane	ND	0.0012	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
2,2-Dichloropropane	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Diethyl Ether	ND	0.024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-5.0-5.5

Sampled: 10/2/2023 09:30

Sample ID: 23J0292-10

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,4-Dioxane	ND	0.12	0.055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Ethylbenzene	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
2-Hexanone (MBK)	ND	0.024	0.0061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0049	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Methyl Cyclohexane	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Methylene Chloride	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Naphthalene	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
n-Propylbenzene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Styrene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Tetrahydrofuran	ND	0.012	0.0043	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Toluene	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,2,3-Trichlorobenzene	ND	0.0049	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Trichloroethylene	ND	0.0024	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Vinyl Chloride	ND	0.012	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
m+p Xylene	ND	0.0049	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
o-Xylene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:31	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	93.7		70-130				10/4/23 10:31			
Toluene-d8	95.8		70-130				10/4/23 10:31			
4-Bromofluorobenzene	100		70-130				10/4/23 10:31			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-5.0-5.5

Sampled: 10/2/2023 09:30

Sample ID: 23J0292-10

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.6		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-6.0-6.5

Sampled: 10/2/2023 09:33

Sample ID: 23J0292-11

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Bromochloromethane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Bromoform	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 10:56	MFF
2-Butanone (MEK)	ND	0.047	0.0074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
n-Butylbenzene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Carbon Disulfide	ND	0.012	0.0095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Carbon Tetrachloride	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Chlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Chloroform	ND	0.0047	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,1-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,1-Dichloroethylene	ND	0.0047	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
cis-1,2-Dichloroethylene	0.0010	0.0024	0.00075	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 10:56	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,2-Dichloropropane	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,3-Dichloropropane	ND	0.0012	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
2,2-Dichloropropane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,1-Dichloropropene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Diethyl Ether	ND	0.024	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-6.0-6.5

Sampled: 10/2/2023 09:33

Sample ID: 23J0292-11

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Hexachlorobutadiene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
2-Hexanone (MBK)	ND	0.024	0.0059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Methyl Cyclohexane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Naphthalene	ND	0.012	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Styrene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Tetrachloroethylene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Toluene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,2,3-Trichlorobenzene	ND	0.0047	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Trichloroethylene	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Vinyl Chloride	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:56	MFF
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	96.8	70-130								
Toluene-d8	96.0	70-130								
4-Bromofluorobenzene	98.2	70-130								

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-6.0-6.5

Sampled: 10/2/2023 09:33

Sample ID: 23J0292-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.1		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-7.5-8.0

Sampled: 10/2/2023 09:35

Sample ID: 23J0292-12

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Bromochloromethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Bromoform	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 11:21	MFF
2-Butanone (MEK)	ND	0.048	0.0074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
n-Butylbenzene	ND	0.0024	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Carbon Disulfide	ND	0.012	0.0095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Carbon Tetrachloride	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Chlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Chloroform	ND	0.0048	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,1-Dichloroethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,2-Dichloroethane	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,1-Dichloroethylene	ND	0.0048	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,2-Dichloropropane	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,3-Dichloropropane	ND	0.0012	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
2,2-Dichloropropane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Diethyl Ether	ND	0.024	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-7.5-8.0

Sampled: 10/2/2023 09:35

Sample ID: 23J0292-12

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
2-Hexanone (MBK)	ND	0.024	0.0060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Methyl Cyclohexane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Naphthalene	ND	0.012	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Styrene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Tetrahydrofuran	ND	0.012	0.0043	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Toluene	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,2,3-Trichlorobenzene	ND	0.0048	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Trichloroethylene	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Vinyl Chloride	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
m+p Xylene	ND	0.0048	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:21	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	96.9		70-130				10/4/23 11:21			
Toluene-d8	97.0		70-130				10/4/23 11:21			
4-Bromofluorobenzene	99.8		70-130				10/4/23 11:21			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-55-7.5-8.0

Sampled: 10/2/2023 09:35

Sample ID: 23J0292-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.3		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-1.0-1.5

Sampled: 10/2/2023 09:50

Sample ID: 23J0292-13

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Acrylonitrile	ND	0.0076	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Benzene	ND	0.0025	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Bromobenzene	ND	0.0025	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Bromochloromethane	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Bromodichloromethane	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Bromoform	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Bromomethane	ND	0.013	0.0022	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 11:47	MFF
2-Butanone (MEK)	ND	0.051	0.0079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
tert-Butyl Alcohol (TBA)	ND	0.13	0.050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
n-Butylbenzene	ND	0.0025	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
sec-Butylbenzene	ND	0.0025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
tert-Butylbenzene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Carbon Disulfide	ND	0.013	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Carbon Tetrachloride	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Chlorobenzene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Chlorodibromomethane	ND	0.0013	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Chloroethane	ND	0.025	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Chloroform	ND	0.0051	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Chloromethane	ND	0.013	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
2-Chlorotoluene	ND	0.0025	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
4-Chlorotoluene	ND	0.0025	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Dibromomethane	ND	0.0025	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,2-Dichlorobenzene	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,3-Dichlorobenzene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,4-Dichlorobenzene	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
trans-1,4-Dichloro-2-butene	ND	0.0051	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,1-Dichloroethane	ND	0.0025	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,2-Dichloroethane	ND	0.0025	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,1-Dichloroethylene	ND	0.0051	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
cis-1,2-Dichloroethylene	ND	0.0025	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
trans-1,2-Dichloroethylene	ND	0.0025	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,2-Dichloropropane	ND	0.0025	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,3-Dichloropropane	ND	0.0013	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
2,2-Dichloropropane	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,1-Dichloropropene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
cis-1,3-Dichloropropene	ND	0.0013	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
trans-1,3-Dichloropropene	ND	0.0013	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Diethyl Ether	ND	0.025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-1.0-1.5

Sampled: 10/2/2023 09:50

Sample ID: 23J0292-13

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,4-Dioxane	ND	0.13	0.058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Ethylbenzene	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Hexachlorobutadiene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
2-Hexanone (MBK)	ND	0.025	0.0064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Isopropylbenzene (Cumene)	ND	0.0025	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Methyl Acetate	ND	0.0025	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0051	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Methyl Cyclohexane	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Methylene Chloride	ND	0.025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	0.0056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Naphthalene	ND	0.013	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
n-Propylbenzene	ND	0.0025	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Styrene	ND	0.0025	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Tetrachloroethylene	0.012	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Tetrahydrofuran	ND	0.013	0.0045	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Toluene	ND	0.0025	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,2,3-Trichlorobenzene	ND	0.0051	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,2,4-Trichlorobenzene	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,3,5-Trichlorobenzene	ND	0.0025	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,1,1-Trichloroethane	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,1,2-Trichloroethane	ND	0.0025	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Trichloroethylene	0.0032	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,2,3-Trichloropropane	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,2,4-Trimethylbenzene	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
1,3,5-Trimethylbenzene	ND	0.0025	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Vinyl Chloride	ND	0.013	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
m+p Xylene	ND	0.0051	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
o-Xylene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:47	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	100		70-130				10/4/23 11:47			
Toluene-d8	95.0		70-130				10/4/23 11:47			
4-Bromofluorobenzene	99.4		70-130				10/4/23 11:47			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0292
Date Received: 10/3/2023
Field Sample #: SB-56-1.0-1.5 Sampled: 10/2/2023 09:50
Sample ID: 23J0292-13
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.0		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-2.0-2.5

Sampled: 10/2/2023 09:53

Sample ID: 23J0292-14

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	0.012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Acrylonitrile	ND	0.0077	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Benzene	ND	0.0026	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Bromobenzene	ND	0.0026	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Bromochloromethane	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Bromodichloromethane	ND	0.0026	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Bromoform	ND	0.0026	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Bromomethane	ND	0.013	0.0022	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 12:13	MFF
2-Butanone (MEK)	ND	0.051	0.0080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
tert-Butyl Alcohol (TBA)	ND	0.13	0.051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
n-Butylbenzene	ND	0.0026	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
sec-Butylbenzene	ND	0.0026	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
tert-Butylbenzene	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Carbon Disulfide	ND	0.013	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Carbon Tetrachloride	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Chlorobenzene	ND	0.0026	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Chlorodibromomethane	ND	0.0013	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Chloroethane	ND	0.026	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Chloroform	ND	0.0051	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Chloromethane	ND	0.013	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
2-Chlorotoluene	ND	0.0026	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
4-Chlorotoluene	ND	0.0026	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Dibromomethane	ND	0.0026	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,2-Dichlorobenzene	ND	0.0026	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,3-Dichlorobenzene	ND	0.0026	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,4-Dichlorobenzene	ND	0.0026	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
trans-1,4-Dichloro-2-butene	ND	0.0051	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,1-Dichloroethane	ND	0.0026	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,2-Dichloroethane	ND	0.0026	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,1-Dichloroethylene	ND	0.0051	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
cis-1,2-Dichloroethylene	ND	0.0026	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
trans-1,2-Dichloroethylene	ND	0.0026	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,2-Dichloropropane	ND	0.0026	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,3-Dichloropropane	ND	0.0013	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
2,2-Dichloropropane	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,1-Dichloropropene	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
cis-1,3-Dichloropropene	ND	0.0013	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
trans-1,3-Dichloropropene	ND	0.0013	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Diethyl Ether	ND	0.026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-2.0-2.5

Sampled: 10/2/2023 09:53

Sample ID: 23J0292-14

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,4-Dioxane	ND	0.13	0.058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Ethylbenzene	ND	0.0026	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Hexachlorobutadiene	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
2-Hexanone (MBK)	ND	0.026	0.0064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Isopropylbenzene (Cumene)	ND	0.0026	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0026	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Methyl Acetate	ND	0.0026	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0051	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Methyl Cyclohexane	ND	0.0026	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Methylene Chloride	ND	0.026	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.026	0.0057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Naphthalene	ND	0.013	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
n-Propylbenzene	ND	0.0026	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Styrene	ND	0.0026	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Tetrachloroethylene	0.019	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Tetrahydrofuran	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Toluene	ND	0.0026	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,2,3-Trichlorobenzene	ND	0.0051	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,2,4-Trichlorobenzene	ND	0.0026	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,3,5-Trichlorobenzene	ND	0.0026	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,1,1-Trichloroethane	ND	0.0026	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,1,2-Trichloroethane	ND	0.0026	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Trichloroethylene	0.012	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,2,3-Trichloropropane	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,2,4-Trimethylbenzene	ND	0.0026	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
1,3,5-Trimethylbenzene	ND	0.0026	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Vinyl Chloride	ND	0.013	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
m+p Xylene	ND	0.0051	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
o-Xylene	ND	0.0026	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:13	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	101		70-130				10/4/23 12:13			
Toluene-d8	96.0		70-130				10/4/23 12:13			
4-Bromofluorobenzene	102		70-130				10/4/23 12:13			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza Sample Description: Work Order: 23J0292
Date Received: 10/3/2023
Field Sample #: SB-56-2.0-2.5 Sampled: 10/2/2023 09:53
Sample ID: 23J0292-14
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.9		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-3.5-4.0

Sampled: 10/2/2023 09:55

Sample ID: 23J0292-15

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	0.012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Acrylonitrile	ND	0.0077	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Benzene	ND	0.0026	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Bromobenzene	ND	0.0026	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Bromochloromethane	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Bromodichloromethane	ND	0.0026	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Bromoform	ND	0.0026	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Bromomethane	ND	0.013	0.0022	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 12:38	MFF
2-Butanone (MEK)	ND	0.051	0.0080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
tert-Butyl Alcohol (TBA)	ND	0.13	0.050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
n-Butylbenzene	ND	0.0026	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
sec-Butylbenzene	ND	0.0026	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
tert-Butylbenzene	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Carbon Disulfide	ND	0.013	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Carbon Tetrachloride	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Chlorobenzene	ND	0.0026	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Chlorodibromomethane	ND	0.0013	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Chloroethane	ND	0.026	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Chloroform	ND	0.0051	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Chloromethane	ND	0.013	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
2-Chlorotoluene	ND	0.0026	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
4-Chlorotoluene	ND	0.0026	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Dibromomethane	ND	0.0026	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,2-Dichlorobenzene	ND	0.0026	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,3-Dichlorobenzene	ND	0.0026	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,4-Dichlorobenzene	ND	0.0026	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
trans-1,4-Dichloro-2-butene	ND	0.0051	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,1-Dichloroethane	ND	0.0026	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,2-Dichloroethane	ND	0.0026	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,1-Dichloroethylene	ND	0.0051	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
cis-1,2-Dichloroethylene	ND	0.0026	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
trans-1,2-Dichloroethylene	ND	0.0026	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,2-Dichloropropane	ND	0.0026	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,3-Dichloropropane	ND	0.0013	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
2,2-Dichloropropane	ND	0.0026	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,1-Dichloropropene	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
cis-1,3-Dichloropropene	ND	0.0013	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
trans-1,3-Dichloropropene	ND	0.0013	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Diethyl Ether	ND	0.026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-3.5-4.0

Sampled: 10/2/2023 09:55

Sample ID: 23J0292-15

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,4-Dioxane	ND	0.13	0.058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Ethylbenzene	ND	0.0026	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Hexachlorobutadiene	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
2-Hexanone (MBK)	ND	0.026	0.0064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Isopropylbenzene (Cumene)	ND	0.0026	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0026	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Methyl Acetate	ND	0.0026	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0051	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Methyl Cyclohexane	ND	0.0026	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Methylene Chloride	ND	0.026	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.026	0.0056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Naphthalene	ND	0.013	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
n-Propylbenzene	ND	0.0026	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Styrene	ND	0.0026	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Tetrachloroethylene	0.014	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Tetrahydrofuran	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Toluene	ND	0.0026	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,2,3-Trichlorobenzene	ND	0.0051	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,2,4-Trichlorobenzene	ND	0.0026	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,3,5-Trichlorobenzene	ND	0.0026	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,1,1-Trichloroethane	ND	0.0026	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,1,2-Trichloroethane	ND	0.0026	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Trichloroethylene	0.013	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,2,3-Trichloropropane	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,2,4-Trimethylbenzene	ND	0.0026	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
1,3,5-Trimethylbenzene	ND	0.0026	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Vinyl Chloride	ND	0.013	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
m+p Xylene	ND	0.0051	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
o-Xylene	ND	0.0026	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:38	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	96.8		70-130				10/4/23 12:38			
Toluene-d8	94.4		70-130				10/4/23 12:38			
4-Bromofluorobenzene	99.6		70-130				10/4/23 12:38			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-3.5-4.0

Sampled: 10/2/2023 09:55

Sample ID: 23J0292-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.2		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-5.0-5.5

Sampled: 10/2/2023 10:00

Sample ID: 23J0292-16

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	0.012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Acrylonitrile	ND	0.0078	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Benzene	ND	0.0026	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Bromobenzene	ND	0.0026	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Bromochloromethane	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Bromodichloromethane	ND	0.0026	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Bromoform	ND	0.0026	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Bromomethane	ND	0.013	0.0023	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 13:04	MFF
2-Butanone (MEK)	ND	0.052	0.0082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
tert-Butyl Alcohol (TBA)	ND	0.13	0.052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
n-Butylbenzene	ND	0.0026	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
sec-Butylbenzene	ND	0.0026	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
tert-Butylbenzene	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Carbon Disulfide	ND	0.013	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Carbon Tetrachloride	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Chlorobenzene	ND	0.0026	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Chlorodibromomethane	ND	0.0013	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Chloroethane	ND	0.026	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Chloroform	ND	0.0052	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Chloromethane	ND	0.013	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
2-Chlorotoluene	ND	0.0026	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
4-Chlorotoluene	ND	0.0026	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Dibromomethane	ND	0.0026	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,2-Dichlorobenzene	ND	0.0026	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,3-Dichlorobenzene	ND	0.0026	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,4-Dichlorobenzene	ND	0.0026	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
trans-1,4-Dichloro-2-butene	ND	0.0052	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,1-Dichloroethane	ND	0.0026	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,2-Dichloroethane	ND	0.0026	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,1-Dichloroethylene	ND	0.0052	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
cis-1,2-Dichloroethylene	0.0079	0.0026	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
trans-1,2-Dichloroethylene	ND	0.0026	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,2-Dichloropropane	ND	0.0026	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,3-Dichloropropane	ND	0.0013	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
2,2-Dichloropropane	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,1-Dichloropropene	ND	0.0026	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
cis-1,3-Dichloropropene	ND	0.0013	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
trans-1,3-Dichloropropene	ND	0.0013	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Diethyl Ether	ND	0.026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-5.0-5.5

Sampled: 10/2/2023 10:00

Sample ID: 23J0292-16

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,4-Dioxane	ND	0.13	0.059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Ethylbenzene	ND	0.0026	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Hexachlorobutadiene	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
2-Hexanone (MBK)	ND	0.026	0.0066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Isopropylbenzene (Cumene)	ND	0.0026	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0026	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Methyl Acetate	ND	0.0026	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0052	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Methyl Cyclohexane	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Methylene Chloride	ND	0.026	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.026	0.0058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Naphthalene	ND	0.013	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
n-Propylbenzene	ND	0.0026	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Styrene	ND	0.0026	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Tetrachloroethylene	0.0023	0.0026	0.0011	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Tetrahydrofuran	ND	0.013	0.0047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Toluene	ND	0.0026	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,2,3-Trichlorobenzene	ND	0.0052	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,2,4-Trichlorobenzene	ND	0.0026	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,3,5-Trichlorobenzene	ND	0.0026	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,1,1-Trichloroethane	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,1,2-Trichloroethane	ND	0.0026	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Trichloroethylene	0.0075	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,2,3-Trichloropropane	ND	0.0026	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,2,4-Trimethylbenzene	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
1,3,5-Trimethylbenzene	ND	0.0026	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Vinyl Chloride	ND	0.013	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
m+p Xylene	ND	0.0052	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
o-Xylene	ND	0.0026	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:04	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	94.8		70-130				10/4/23 13:04			
Toluene-d8	95.8		70-130				10/4/23 13:04			
4-Bromofluorobenzene	99.9		70-130				10/4/23 13:04			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-5.0-5.5

Sampled: 10/2/2023 10:00

Sample ID: 23J0292-16

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.5		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-6.0-6.5

Sampled: 10/2/2023 10:03

Sample ID: 23J0292-17

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Acrylonitrile	ND	0.0068	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Benzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Bromobenzene	ND	0.0023	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Bromochloromethane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Bromodichloromethane	ND	0.0023	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Bromoform	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 13:29	MFF
2-Butanone (MEK)	ND	0.045	0.0070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.045	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
n-Butylbenzene	ND	0.0023	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
tert-Butylbenzene	ND	0.0023	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Carbon Disulfide	ND	0.011	0.0090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Carbon Tetrachloride	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Chlorobenzene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Chlorodibromomethane	ND	0.0011	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Chloroethane	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Chloroform	ND	0.0045	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
2-Chlorotoluene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
4-Chlorotoluene	ND	0.0023	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Dibromomethane	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,1-Dichloroethane	ND	0.0023	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,2-Dichloroethane	ND	0.0023	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,1-Dichloroethylene	ND	0.0045	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
cis-1,2-Dichloroethylene	0.012	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,2-Dichloropropane	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,3-Dichloropropane	ND	0.0011	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
2,2-Dichloropropane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Diethyl Ether	ND	0.023	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-6.0-6.5

Sampled: 10/2/2023 10:03

Sample ID: 23J0292-17

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,4-Dioxane	ND	0.11	0.051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Ethylbenzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Hexachlorobutadiene	ND	0.0023	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
2-Hexanone (MBK)	ND	0.023	0.0057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Methyl Acetate	ND	0.0023	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Methyl Cyclohexane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Naphthalene	ND	0.011	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
n-Propylbenzene	ND	0.0023	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Styrene	ND	0.0023	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Tetrachloroethylene	ND	0.0023	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Tetrahydrofuran	ND	0.011	0.0040	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Toluene	ND	0.0023	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,2,3-Trichlorobenzene	ND	0.0045	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Trichloroethylene	0.0020	0.0023	0.00091	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Vinyl Chloride	ND	0.011	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
m+p Xylene	ND	0.0045	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
o-Xylene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:29	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	97.5		70-130				10/4/23 13:29			
Toluene-d8	96.4		70-130				10/4/23 13:29			
4-Bromofluorobenzene	100		70-130				10/4/23 13:29			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0292
Date Received: 10/3/2023
Field Sample #: SB-56-6.0-6.5 Sampled: 10/2/2023 10:03
Sample ID: 23J0292-17
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	81.0		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-7.5-8.0

Sampled: 10/2/2023 10:05

Sample ID: 23J0292-18

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Acrylonitrile	ND	0.0073	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Benzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Bromobenzene	ND	0.0024	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Bromochloromethane	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Bromodichloromethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Bromoform	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 13:55	MFF
2-Butanone (MEK)	ND	0.048	0.0076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
n-Butylbenzene	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Carbon Disulfide	ND	0.012	0.0097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Carbon Tetrachloride	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Chlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Chlorodibromomethane	ND	0.0012	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Chloroform	ND	0.0048	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
2-Chlorotoluene	ND	0.0024	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
4-Chlorotoluene	ND	0.0024	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Dibromomethane	ND	0.0024	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,1-Dichloroethane	ND	0.0024	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,2-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,1-Dichloroethylene	ND	0.0048	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,2-Dichloropropane	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,3-Dichloropropane	ND	0.0012	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
2,2-Dichloropropane	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Diethyl Ether	ND	0.024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-56-7.5-8.0

Sampled: 10/2/2023 10:05

Sample ID: 23J0292-18

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,4-Dioxane	ND	0.12	0.055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Ethylbenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
2-Hexanone (MBK)	ND	0.024	0.0061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Methyl Cyclohexane	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Methylene Chloride	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Naphthalene	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
n-Propylbenzene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Styrene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Tetrahydrofuran	ND	0.012	0.0043	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Toluene	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,2,3-Trichlorobenzene	ND	0.0048	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Trichloroethylene	ND	0.0024	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Vinyl Chloride	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
m+p Xylene	ND	0.0048	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
o-Xylene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:55	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	93.3		70-130				10/4/23 13:55			
Toluene-d8	95.4		70-130				10/4/23 13:55			
4-Bromofluorobenzene	97.8		70-130				10/4/23 13:55			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Sampled: 10/2/2023 10:05

Field Sample #: SB-56-7.5-8.0

Sample ID: 23J0292-18

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.4		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-57-1.0-1.5

Sampled: 10/2/2023 10:10

Sample ID: 23J0292-19

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.040	0.12	0.011	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Acrylonitrile	ND	0.0075	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Benzene	ND	0.0025	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Bromobenzene	ND	0.0025	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Bromochloromethane	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Bromodichloromethane	ND	0.0025	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Bromoform	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Bromomethane	ND	0.012	0.0022	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 14:20	MFF
2-Butanone (MEK)	ND	0.050	0.0078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
n-Butylbenzene	ND	0.0025	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
sec-Butylbenzene	ND	0.0025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
tert-Butylbenzene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Carbon Disulfide	ND	0.012	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Carbon Tetrachloride	ND	0.0025	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Chlorobenzene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Chlorodibromomethane	ND	0.0012	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Chloroethane	ND	0.025	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Chloroform	ND	0.0050	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
2-Chlorotoluene	ND	0.0025	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
4-Chlorotoluene	ND	0.0025	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Dibromomethane	ND	0.0025	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,2-Dichlorobenzene	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,3-Dichlorobenzene	ND	0.0025	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,4-Dichlorobenzene	ND	0.0025	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
trans-1,4-Dichloro-2-butene	ND	0.0050	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,1-Dichloroethane	ND	0.0025	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,2-Dichloroethane	ND	0.0025	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,1-Dichloroethylene	ND	0.0050	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
cis-1,2-Dichloroethylene	ND	0.0025	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
trans-1,2-Dichloroethylene	ND	0.0025	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,2-Dichloropropane	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,3-Dichloropropane	ND	0.0012	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
2,2-Dichloropropane	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,1-Dichloropropene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Diethyl Ether	ND	0.025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-57-1.0-1.5

Sampled: 10/2/2023 10:10

Sample ID: 23J0292-19

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,4-Dioxane	ND	0.12	0.057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Ethylbenzene	ND	0.0025	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Hexachlorobutadiene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
2-Hexanone (MBK)	ND	0.025	0.0063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Isopropylbenzene (Cumene)	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Methyl Acetate	ND	0.0025	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0050	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Methyl Cyclohexane	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Methylene Chloride	ND	0.025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	0.0055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Naphthalene	ND	0.012	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
n-Propylbenzene	ND	0.0025	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Styrene	ND	0.0025	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Tetrachloroethylene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Tetrahydrofuran	ND	0.012	0.0045	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Toluene	ND	0.0025	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,2,3-Trichlorobenzene	ND	0.0050	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,2,4-Trichlorobenzene	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,3,5-Trichlorobenzene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,1,1-Trichloroethane	ND	0.0025	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,1,2-Trichloroethane	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Trichloroethylene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,2,3-Trichloropropane	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,2,4-Trimethylbenzene	ND	0.0025	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
1,3,5-Trimethylbenzene	ND	0.0025	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Vinyl Chloride	ND	0.012	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
m+p Xylene	ND	0.0050	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
o-Xylene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:20	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	96.4		70-130				10/4/23 14:20			
Toluene-d8	94.9		70-130				10/4/23 14:20			
4-Bromofluorobenzene	98.4		70-130				10/4/23 14:20			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-57-1.0-1.5

Sampled: 10/2/2023 10:10

Sample ID: 23J0292-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.9		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-57-2.0-2.5

Sampled: 10/2/2023 10:13

Sample ID: 23J0292-20

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.013	0.13	0.011	mg/Kg dry	1	V-35, J	SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Acrylonitrile	ND	0.0076	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Benzene	ND	0.0025	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Bromobenzene	ND	0.0025	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Bromochloromethane	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Bromodichloromethane	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Bromoform	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Bromomethane	ND	0.013	0.0022	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 14:46	MFF
2-Butanone (MEK)	ND	0.050	0.0079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
tert-Butyl Alcohol (TBA)	ND	0.13	0.050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
n-Butylbenzene	ND	0.0025	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
sec-Butylbenzene	ND	0.0025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
tert-Butylbenzene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Carbon Disulfide	ND	0.013	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Carbon Tetrachloride	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Chlorobenzene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Chlorodibromomethane	ND	0.0013	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Chloroethane	ND	0.025	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Chloroform	ND	0.0050	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Chloromethane	ND	0.013	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
2-Chlorotoluene	ND	0.0025	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
4-Chlorotoluene	ND	0.0025	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Dibromomethane	ND	0.0025	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,2-Dichlorobenzene	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,3-Dichlorobenzene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,4-Dichlorobenzene	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
trans-1,4-Dichloro-2-butene	ND	0.0050	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,1-Dichloroethane	ND	0.0025	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,2-Dichloroethane	ND	0.0025	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,1-Dichloroethylene	ND	0.0050	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
cis-1,2-Dichloroethylene	ND	0.0025	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
trans-1,2-Dichloroethylene	ND	0.0025	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,2-Dichloropropane	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,3-Dichloropropane	ND	0.0013	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
2,2-Dichloropropane	ND	0.0025	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,1-Dichloropropene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
cis-1,3-Dichloropropene	ND	0.0013	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
trans-1,3-Dichloropropene	ND	0.0013	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Diethyl Ether	ND	0.025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-57-2.0-2.5

Sampled: 10/2/2023 10:13

Sample ID: 23J0292-20

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,4-Dioxane	ND	0.13	0.057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Ethylbenzene	ND	0.0025	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Hexachlorobutadiene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
2-Hexanone (MBK)	ND	0.025	0.0063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Isopropylbenzene (Cumene)	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Methyl Acetate	ND	0.0025	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0050	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Methyl Cyclohexane	ND	0.0025	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Methylene Chloride	ND	0.025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	0.0056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Naphthalene	ND	0.013	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
n-Propylbenzene	ND	0.0025	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Styrene	ND	0.0025	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Tetrachloroethylene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Tetrahydrofuran	ND	0.013	0.0045	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Toluene	ND	0.0025	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,2,3-Trichlorobenzene	ND	0.0050	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,2,4-Trichlorobenzene	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,3,5-Trichlorobenzene	ND	0.0025	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,1,1-Trichloroethane	ND	0.0025	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,1,2-Trichloroethane	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Trichloroethylene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,2,3-Trichloropropane	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,2,4-Trimethylbenzene	ND	0.0025	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
1,3,5-Trimethylbenzene	ND	0.0025	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Vinyl Chloride	ND	0.013	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
m+p Xylene	ND	0.0050	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
o-Xylene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:46	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	94.0		70-130				10/4/23 14:46			
Toluene-d8	95.8		70-130				10/4/23 14:46			
4-Bromofluorobenzene	97.2		70-130				10/4/23 14:46			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0292
Date Received: 10/3/2023
Field Sample #: SB-57-2.0-2.5 Sampled: 10/2/2023 10:13
Sample ID: 23J0292-20
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.0		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-57-3.5-4.0

Sampled: 10/2/2023 10:15

Sample ID: 23J0301-01

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.010	0.11	0.0099	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Acrylonitrile	ND	0.0066	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Benzene	ND	0.0022	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Bromobenzene	ND	0.0022	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Bromochloromethane	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Bromodichloromethane	ND	0.0022	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Bromoform	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
2-Butanone (MEK)	ND	0.044	0.0068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.043	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 6:40	MFF
n-Butylbenzene	ND	0.0022	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
sec-Butylbenzene	ND	0.0022	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
tert-Butylbenzene	ND	0.0022	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Carbon Disulfide	ND	0.011	0.0088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Carbon Tetrachloride	ND	0.0022	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Chlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Chlorodibromomethane	ND	0.0011	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Chloroform	ND	0.0044	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
2-Chlorotoluene	ND	0.0022	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
4-Chlorotoluene	ND	0.0022	0.00049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00087	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Dibromomethane	ND	0.0022	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
trans-1,4-Dichloro-2-butene	ND	0.0044	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,1-Dichloroethane	ND	0.0022	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,2-Dichloroethane	ND	0.0022	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,1-Dichloroethylene	ND	0.0044	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
cis-1,2-Dichloroethylene	ND	0.0022	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,2-Dichloropropane	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,3-Dichloropropane	ND	0.0011	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
2,2-Dichloropropane	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,1-Dichloropropene	ND	0.0022	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Diethyl Ether	ND	0.022	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-57-3.5-4.0

Sampled: 10/2/2023 10:15

Sample ID: 23J0301-01

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,4-Dioxane	ND	0.11	0.050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Ethylbenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Hexachlorobutadiene	ND	0.0022	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
2-Hexanone (MBK)	ND	0.022	0.0055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Methyl Acetate	ND	0.0022	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0044	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Methyl Cyclohexane	ND	0.0044	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Methylene Chloride	ND	0.022	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Naphthalene	ND	0.0044	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
n-Propylbenzene	ND	0.0022	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Styrene	ND	0.0022	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Tetrachloroethylene	ND	0.0022	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Tetrahydrofuran	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Toluene	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,2,3-Trichlorobenzene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,3,5-Trichlorobenzene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,1,1-Trichloroethane	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Trichloroethylene	ND	0.0022	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,2,3-Trichloropropane	ND	0.0022	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,2,4-Trimethylbenzene	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
1,3,5-Trimethylbenzene	ND	0.0022	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Vinyl Chloride	ND	0.011	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
m+p Xylene	ND	0.0044	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
o-Xylene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:40	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	115		70-130				10/4/23 6:40			
Toluene-d8	98.3		70-130				10/4/23 6:40			
4-Bromofluorobenzene	97.7		70-130				10/4/23 6:40			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0301
Date Received: 10/3/2023
Field Sample #: SB-57-3.5-4.0 Sampled: 10/2/2023 10:15
Sample ID: 23J0301-01
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.5		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-57-5.0-5.5

Sampled: 10/2/2023 10:21

Sample ID: 23J0301-02

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Bromochloromethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Bromoform	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
2-Butanone (MEK)	ND	0.047	0.0074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 7:06	MFF
n-Butylbenzene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Carbon Disulfide	ND	0.012	0.0095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Carbon Tetrachloride	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Chlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Chloroform	ND	0.0047	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,1-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,1-Dichloroethylene	ND	0.0047	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,2-Dichloropropane	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,3-Dichloropropane	ND	0.0012	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
2,2-Dichloropropane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Diethyl Ether	ND	0.024	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-57-5.0-5.5

Sampled: 10/2/2023 10:21

Sample ID: 23J0301-02

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
2-Hexanone (MBK)	ND	0.024	0.0060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Methyl Cyclohexane	ND	0.0047	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Naphthalene	ND	0.0047	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Styrene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Toluene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,2,3-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Trichloroethylene	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Vinyl Chloride	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:06	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	124		70-130				10/4/23 7:06			
Toluene-d8	93.6		70-130				10/4/23 7:06			
4-Bromofluorobenzene	98.3		70-130				10/4/23 7:06			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza Sample Description: Work Order: 23J0301
Date Received: 10/3/2023
Field Sample #: SB-57-5.0-5.5 Sampled: 10/2/2023 10:21
Sample ID: 23J0301-02
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	82.6		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-57-6.0-6.5

Sampled: 10/2/2023 10:23

Sample ID: 23J0301-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Bromochloromethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Bromoform	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
2-Butanone (MEK)	ND	0.048	0.0075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 7:31	MFF
n-Butylbenzene	ND	0.0024	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Carbon Disulfide	ND	0.012	0.0095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Carbon Tetrachloride	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Chlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Chlorodibromomethane	ND	0.0012	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Chloroform	ND	0.0048	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
4-Chlorotoluene	ND	0.0024	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,1-Dichloroethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,2-Dichloroethane	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,1-Dichloroethylene	ND	0.0048	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
cis-1,2-Dichloroethylene	0.00076	0.0024	0.00076	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 7:31	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,2-Dichloropropane	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,3-Dichloropropane	ND	0.0012	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
2,2-Dichloropropane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Diethyl Ether	ND	0.024	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-57-6.0-6.5

Sampled: 10/2/2023 10:23

Sample ID: 23J0301-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
2-Hexanone (MBK)	ND	0.024	0.0060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Methyl Cyclohexane	ND	0.0048	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Naphthalene	ND	0.0048	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Styrene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Tetrahydrofuran	ND	0.012	0.0043	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Toluene	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,2,3-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Trichloroethylene	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Vinyl Chloride	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
m+p Xylene	ND	0.0048	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:31	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	117		70-130				10/4/23 7:31			
Toluene-d8	95.6		70-130				10/4/23 7:31			
4-Bromofluorobenzene	94.2		70-130				10/4/23 7:31			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-57-6.0-6.5

Sampled: 10/2/2023 10:23

Sample ID: 23J0301-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.3		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-57-7.5-8.0

Sampled: 10/2/2023 10:25

Sample ID: 23J0301-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Acrylonitrile	ND	0.0068	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Benzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Bromobenzene	ND	0.0023	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Bromochloromethane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Bromodichloromethane	ND	0.0023	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Bromoform	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
2-Butanone (MEK)	ND	0.045	0.0070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.045	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 7:57	MFF
n-Butylbenzene	ND	0.0023	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
tert-Butylbenzene	ND	0.0023	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Carbon Disulfide	ND	0.011	0.0090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Carbon Tetrachloride	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Chlorobenzene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Chlorodibromomethane	ND	0.0011	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Chloroethane	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Chloroform	ND	0.0045	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
2-Chlorotoluene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
4-Chlorotoluene	ND	0.0023	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00089	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Dibromomethane	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,1-Dichloroethane	ND	0.0023	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,2-Dichloroethane	ND	0.0023	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,1-Dichloroethylene	ND	0.0045	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
cis-1,2-Dichloroethylene	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,2-Dichloropropane	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,3-Dichloropropane	ND	0.0011	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
2,2-Dichloropropane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Diethyl Ether	ND	0.023	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-57-7.5-8.0

Sampled: 10/2/2023 10:25

Sample ID: 23J0301-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,4-Dioxane	ND	0.11	0.051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Ethylbenzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Hexachlorobutadiene	ND	0.0023	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
2-Hexanone (MBK)	ND	0.023	0.0057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Methyl Acetate	ND	0.0023	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Methyl Cyclohexane	ND	0.0045	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Naphthalene	ND	0.0045	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
n-Propylbenzene	ND	0.0023	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Styrene	ND	0.0023	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Tetrachloroethylene	ND	0.0023	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Tetrahydrofuran	ND	0.011	0.0040	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Toluene	ND	0.0023	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,2,3-Trichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Trichloroethylene	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Vinyl Chloride	ND	0.011	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
m+p Xylene	ND	0.0045	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
o-Xylene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:57	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	125		70-130				10/4/23 7:57			
Toluene-d8	95.5		70-130				10/4/23 7:57			
4-Bromofluorobenzene	98.2		70-130				10/4/23 7:57			

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Project Location: Highland Plaza	Sample Description:	Work Order: 23J0301
Date Received: 10/3/2023		
Field Sample #: SB-57-7.5-8.0	Sampled: 10/2/2023 10:25	
Sample ID: 23J0301-04		
Sample Matrix: Soil		

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.4		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-1.0-1.5

Sampled: 10/2/2023 10:35

Sample ID: 23J0301-05

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.063	0.12	0.011	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Bromochloromethane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Bromodichloromethane	ND	0.0024	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Bromoform	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
2-Butanone (MEK)	0.0082	0.047	0.0074	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 8:22	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 8:22	MFF
n-Butylbenzene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Carbon Disulfide	ND	0.012	0.0094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Carbon Tetrachloride	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Chlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Chloroform	ND	0.0047	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
2-Chlorotoluene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00093	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Dibromomethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,1-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,1-Dichloroethylene	ND	0.0047	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,2-Dichloropropane	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,3-Dichloropropane	ND	0.0012	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
2,2-Dichloropropane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,1-Dichloropropene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Diethyl Ether	ND	0.024	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-1.0-1.5

Sampled: 10/2/2023 10:35

Sample ID: 23J0301-05

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Ethylbenzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Hexachlorobutadiene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
2-Hexanone (MBK)	ND	0.024	0.0059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Methyl Cyclohexane	ND	0.0047	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Naphthalene	ND	0.0047	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Styrene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Tetrachloroethylene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Toluene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,2,3-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Trichloroethylene	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Vinyl Chloride	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:22	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	116		70-130				10/4/23 8:22			
Toluene-d8	95.2		70-130				10/4/23 8:22			
4-Bromofluorobenzene	96.5		70-130				10/4/23 8:22			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-1.0-1.5

Sampled: 10/2/2023 10:35

Sample ID: 23J0301-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.3		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-2.0-2.5

Sampled: 10/2/2023 10:37

Sample ID: 23J0301-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.032	0.12	0.011	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Acrylonitrile	ND	0.0075	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Benzene	ND	0.0025	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Bromobenzene	ND	0.0025	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Bromochloromethane	ND	0.0025	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Bromodichloromethane	ND	0.0025	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Bromoform	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Bromomethane	ND	0.012	0.0022	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
2-Butanone (MEK)	ND	0.050	0.0078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.049	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 8:48	MFF
n-Butylbenzene	ND	0.0025	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
sec-Butylbenzene	ND	0.0025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
tert-Butylbenzene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Carbon Disulfide	ND	0.012	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Carbon Tetrachloride	ND	0.0025	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Chlorobenzene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Chlorodibromomethane	ND	0.0012	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Chloroethane	ND	0.025	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Chloroform	ND	0.0050	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
2-Chlorotoluene	ND	0.0025	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
4-Chlorotoluene	ND	0.0025	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	0.00099	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Dibromomethane	ND	0.0025	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,2-Dichlorobenzene	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,3-Dichlorobenzene	ND	0.0025	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,4-Dichlorobenzene	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
trans-1,4-Dichloro-2-butene	ND	0.0050	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,1-Dichloroethane	ND	0.0025	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,2-Dichloroethane	ND	0.0025	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,1-Dichloroethylene	ND	0.0050	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
cis-1,2-Dichloroethylene	0.0040	0.0025	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
trans-1,2-Dichloroethylene	ND	0.0025	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,2-Dichloropropane	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,3-Dichloropropane	ND	0.0012	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
2,2-Dichloropropane	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,1-Dichloropropene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Diethyl Ether	ND	0.025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-2.0-2.5

Sampled: 10/2/2023 10:37

Sample ID: 23J0301-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,4-Dioxane	ND	0.12	0.057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Ethylbenzene	ND	0.0025	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Hexachlorobutadiene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
2-Hexanone (MBK)	ND	0.025	0.0063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Isopropylbenzene (Cumene)	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Methyl Acetate	ND	0.0025	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0050	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Methyl Cyclohexane	ND	0.0050	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Methylene Chloride	0.0013	0.025	0.0012	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 8:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	0.0055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Naphthalene	ND	0.0050	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
n-Propylbenzene	ND	0.0025	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Styrene	ND	0.0025	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Tetrachloroethylene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Tetrahydrofuran	ND	0.012	0.0045	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Toluene	ND	0.0025	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,2,3-Trichlorobenzene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,2,4-Trichlorobenzene	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,3,5-Trichlorobenzene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,1,1-Trichloroethane	ND	0.0025	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,1,2-Trichloroethane	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Trichloroethylene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,2,3-Trichloropropane	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,2,4-Trimethylbenzene	ND	0.0025	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
1,3,5-Trimethylbenzene	ND	0.0025	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Vinyl Chloride	ND	0.012	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
m+p Xylene	ND	0.0050	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
o-Xylene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:48	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	118		70-130				10/4/23 8:48			
Toluene-d8	95.9		70-130				10/4/23 8:48			
4-Bromofluorobenzene	95.9		70-130				10/4/23 8:48			

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Project Location: Highland Plaza	Sample Description:	Work Order: 23J0301
Date Received: 10/3/2023		
Field Sample #: SB-58-2.0-2.5	Sampled: 10/2/2023 10:37	
Sample ID: 23J0301-06		
Sample Matrix: Soil		

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.0		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-3.5-4.0

Sampled: 10/2/2023 10:40

Sample ID: 23J0301-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Acrylonitrile	ND	0.0068	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Benzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Bromobenzene	ND	0.0023	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Bromochloromethane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Bromodichloromethane	ND	0.0023	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Bromoform	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Bromomethane	ND	0.011	0.0020	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
2-Butanone (MEK)	ND	0.045	0.0071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.045	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 9:13	MFF
n-Butylbenzene	ND	0.0023	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
tert-Butylbenzene	ND	0.0023	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Carbon Disulfide	ND	0.011	0.0091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Carbon Tetrachloride	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Chlorobenzene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Chlorodibromomethane	ND	0.0011	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Chloroethane	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Chloroform	ND	0.0045	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
2-Chlorotoluene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
4-Chlorotoluene	ND	0.0023	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00090	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Dibromomethane	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,1-Dichloroethane	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,2-Dichloroethane	ND	0.0023	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,1-Dichloroethylene	ND	0.0045	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
cis-1,2-Dichloroethylene	0.0046	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,2-Dichloropropane	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,3-Dichloropropane	ND	0.0011	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
2,2-Dichloropropane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Diethyl Ether	ND	0.023	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-3.5-4.0

Sampled: 10/2/2023 10:40

Sample ID: 23J0301-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,4-Dioxane	ND	0.11	0.052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Ethylbenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Hexachlorobutadiene	ND	0.0023	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
2-Hexanone (MBK)	ND	0.023	0.0057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Methyl Acetate	ND	0.0023	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Methyl Cyclohexane	ND	0.0045	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Naphthalene	ND	0.0045	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
n-Propylbenzene	ND	0.0023	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Styrene	ND	0.0023	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Tetrachloroethylene	ND	0.0023	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Tetrahydrofuran	ND	0.011	0.0040	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Toluene	ND	0.0023	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,2,3-Trichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Trichloroethylene	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Vinyl Chloride	ND	0.011	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
m+p Xylene	ND	0.0045	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
o-Xylene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:13	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	116		70-130				10/4/23 9:13			
Toluene-d8	94.2		70-130				10/4/23 9:13			
4-Bromofluorobenzene	95.6		70-130				10/4/23 9:13			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0301
Date Received: 10/3/2023
Field Sample #: SB-58-3.5-4.0 Sampled: 10/2/2023 10:40
Sample ID: 23J0301-07
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-5.0-5.5

Sampled: 10/2/2023 10:43

Sample ID: 23J0301-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Bromochloromethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Bromoform	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
2-Butanone (MEK)	ND	0.047	0.0074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 9:39	MFF
n-Butylbenzene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Carbon Disulfide	ND	0.012	0.0095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Carbon Tetrachloride	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Chlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Chloroform	ND	0.0047	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,1-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,1-Dichloroethylene	ND	0.0047	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
cis-1,2-Dichloroethylene	0.0058	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,2-Dichloropropane	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,3-Dichloropropane	ND	0.0012	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
2,2-Dichloropropane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,1-Dichloropropene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Diethyl Ether	ND	0.024	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-5.0-5.5

Sampled: 10/2/2023 10:43

Sample ID: 23J0301-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Hexachlorobutadiene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
2-Hexanone (MBK)	ND	0.024	0.0059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Methyl Cyclohexane	ND	0.0047	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Methylene Chloride	0.0022	0.024	0.0011	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 9:39	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Naphthalene	ND	0.0047	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Styrene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Toluene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,2,3-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Trichloroethylene	0.0021	0.0024	0.00095	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Vinyl Chloride	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 9:39	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	116		70-130				10/4/23 9:39			
Toluene-d8	94.2		70-130				10/4/23 9:39			
4-Bromofluorobenzene	93.5		70-130				10/4/23 9:39			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0301
Date Received: 10/3/2023
Field Sample #: SB-58-5.0-5.5 Sampled: 10/2/2023 10:43
Sample ID: 23J0301-08
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.4		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-6.0-6.5

Sampled: 10/2/2023 10:45

Sample ID: 23J0301-09

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Bromochloromethane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Bromoform	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
2-Butanone (MEK)	ND	0.047	0.0074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 10:04	MFF
n-Butylbenzene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Carbon Disulfide	ND	0.012	0.0094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Carbon Tetrachloride	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Chlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Chloroform	ND	0.0047	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
2-Chlorotoluene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00093	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Dibromomethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,1-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,1-Dichloroethylene	ND	0.0047	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
cis-1,2-Dichloroethylene	0.011	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,2-Dichloropropane	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,3-Dichloropropane	ND	0.0012	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
2,2-Dichloropropane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,1-Dichloropropene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Diethyl Ether	ND	0.024	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-6.0-6.5

Sampled: 10/2/2023 10:45

Sample ID: 23J0301-09

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Ethylbenzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Hexachlorobutadiene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
2-Hexanone (MBK)	ND	0.024	0.0059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Methyl Cyclohexane	ND	0.0047	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Naphthalene	ND	0.0047	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Styrene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Tetrachloroethylene	0.015	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Toluene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,2,3-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Trichloroethylene	0.0080	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Vinyl Chloride	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:04	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	117		70-130				10/4/23 10:04			
Toluene-d8	94.2		70-130				10/4/23 10:04			
4-Bromofluorobenzene	98.3		70-130				10/4/23 10:04			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-6.0-6.5

Sampled: 10/2/2023 10:45

Sample ID: 23J0301-09

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.2		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-7.5-8.0

Sampled: 10/2/2023 10:48

Sample ID: 23J0301-10

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Acrylonitrile	ND	0.0069	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Benzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Bromobenzene	ND	0.0023	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Bromochloromethane	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Bromodichloromethane	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Bromoform	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
2-Butanone (MEK)	ND	0.046	0.0072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.046	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 10:29	MFF
n-Butylbenzene	ND	0.0023	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
tert-Butylbenzene	ND	0.0023	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Carbon Disulfide	ND	0.012	0.0093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Carbon Tetrachloride	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Chlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Chlorodibromomethane	ND	0.0012	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Chloroethane	ND	0.023	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Chloroform	ND	0.0046	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Chloromethane	ND	0.012	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
2-Chlorotoluene	ND	0.0023	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
4-Chlorotoluene	ND	0.0023	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00091	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Dibromomethane	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,1-Dichloroethane	ND	0.0023	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,2-Dichloroethane	ND	0.0023	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,1-Dichloroethylene	ND	0.0046	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
cis-1,2-Dichloroethylene	0.011	0.0023	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,2-Dichloropropane	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,3-Dichloropropane	ND	0.0012	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
2,2-Dichloropropane	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Diethyl Ether	ND	0.023	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-58-7.5-8.0

Sampled: 10/2/2023 10:48

Sample ID: 23J0301-10

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,4-Dioxane	ND	0.12	0.053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Ethylbenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Hexachlorobutadiene	ND	0.0023	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
2-Hexanone (MBK)	ND	0.023	0.0058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Methyl Acetate	ND	0.0023	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Methyl Cyclohexane	ND	0.0046	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Naphthalene	ND	0.0046	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
n-Propylbenzene	ND	0.0023	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Styrene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Tetrachloroethylene	0.020	0.0023	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Tetrahydrofuran	ND	0.012	0.0041	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Toluene	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,2,3-Trichlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Trichloroethylene	0.0092	0.0023	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Vinyl Chloride	ND	0.012	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
m+p Xylene	ND	0.0046	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
o-Xylene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:29	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	120		70-130				10/4/23 10:29			
Toluene-d8	93.3		70-130				10/4/23 10:29			
4-Bromofluorobenzene	99.0		70-130				10/4/23 10:29			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0301
Date Received: 10/3/2023
Field Sample #: SB-58-7.5-8.0 Sampled: 10/2/2023 10:48
Sample ID: 23J0301-10
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.9		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-59-1.0-1.5

Sampled: 10/2/2023 10:55

Sample ID: 23J0301-11

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.098	0.12	0.011	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Acrylonitrile	ND	0.0074	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Benzene	ND	0.0025	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Bromobenzene	ND	0.0025	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Bromochloromethane	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Bromodichloromethane	ND	0.0025	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Bromoform	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
2-Butanone (MEK)	0.014	0.050	0.0078	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 10:55	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.049	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 10:55	MFF
n-Butylbenzene	ND	0.0025	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
sec-Butylbenzene	ND	0.0025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
tert-Butylbenzene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Carbon Disulfide	ND	0.012	0.0099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Carbon Tetrachloride	ND	0.0025	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Chlorobenzene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Chlorodibromomethane	ND	0.0012	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Chloroethane	ND	0.025	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Chloroform	ND	0.0050	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
2-Chlorotoluene	ND	0.0025	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
4-Chlorotoluene	ND	0.0025	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	0.00098	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Dibromomethane	ND	0.0025	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,2-Dichlorobenzene	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,3-Dichlorobenzene	ND	0.0025	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,4-Dichlorobenzene	ND	0.0025	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
trans-1,4-Dichloro-2-butene	ND	0.0050	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,1-Dichloroethane	ND	0.0025	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,2-Dichloroethane	ND	0.0025	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,1-Dichloroethylene	ND	0.0050	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
cis-1,2-Dichloroethylene	0.0018	0.0025	0.00079	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 10:55	MFF
trans-1,2-Dichloroethylene	ND	0.0025	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,2-Dichloropropane	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,3-Dichloropropane	ND	0.0012	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
2,2-Dichloropropane	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,1-Dichloropropene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Diethyl Ether	ND	0.025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-59-1.0-1.5

Sampled: 10/2/2023 10:55

Sample ID: 23J0301-11

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,4-Dioxane	ND	0.12	0.057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Ethylbenzene	ND	0.0025	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Hexachlorobutadiene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
2-Hexanone (MBK)	ND	0.025	0.0062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Isopropylbenzene (Cumene)	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Methyl Acetate	ND	0.0025	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0050	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Methyl Cyclohexane	ND	0.0050	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Methylene Chloride	ND	0.025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	0.0055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Naphthalene	ND	0.0050	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
n-Propylbenzene	ND	0.0025	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Styrene	ND	0.0025	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Tetrachloroethylene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Tetrahydrofuran	ND	0.012	0.0044	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Toluene	ND	0.0025	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,2,3-Trichlorobenzene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,2,4-Trichlorobenzene	ND	0.0025	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,3,5-Trichlorobenzene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,1,1-Trichloroethane	ND	0.0025	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,1,2-Trichloroethane	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Trichloroethylene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,2,3-Trichloropropane	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,2,4-Trimethylbenzene	ND	0.0025	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
1,3,5-Trimethylbenzene	ND	0.0025	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Vinyl Chloride	ND	0.012	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
m+p Xylene	ND	0.0050	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
o-Xylene	ND	0.0025	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 10:55	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	121		70-130				10/4/23 10:55			
Toluene-d8	95.9		70-130				10/4/23 10:55			
4-Bromofluorobenzene	96.7		70-130				10/4/23 10:55			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-59-1.0-1.5

Sampled: 10/2/2023 10:55

Sample ID: 23J0301-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.9		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-59-2.0-2.5

Sampled: 10/2/2023 10:57

Sample ID: 23J0301-12

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.020	0.12	0.011	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Bromochloromethane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Bromoform	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
2-Butanone (MEK)	ND	0.047	0.0074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 11:20	MFF
n-Butylbenzene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Carbon Disulfide	ND	0.012	0.0095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Carbon Tetrachloride	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Chlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Chloroform	ND	0.0047	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
2-Chlorotoluene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00093	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,1-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,1-Dichloroethylene	ND	0.0047	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
cis-1,2-Dichloroethylene	0.014	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,2-Dichloropropane	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,3-Dichloropropane	ND	0.0012	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
2,2-Dichloropropane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,1-Dichloropropene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Diethyl Ether	ND	0.024	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-59-2.0-2.5

Sampled: 10/2/2023 10:57

Sample ID: 23J0301-12

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Ethylbenzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Hexachlorobutadiene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
2-Hexanone (MBK)	ND	0.024	0.0059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Methyl Cyclohexane	ND	0.0047	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Naphthalene	ND	0.0047	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Styrene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Tetrachloroethylene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Toluene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,2,3-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Trichloroethylene	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Vinyl Chloride	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 11:20	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	120		70-130				10/4/23 11:20			
Toluene-d8	94.6		70-130				10/4/23 11:20			
4-Bromofluorobenzene	96.4		70-130				10/4/23 11:20			

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Project Location: Highland Plaza	Sample Description:	Work Order: 23J0301
Date Received: 10/3/2023		
Field Sample #: SB-59-2.0-2.5	Sampled: 10/2/2023 10:57	
Sample ID: 23J0301-12		
Sample Matrix: Soil		

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.0		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-59-3.5-4.0

Sampled: 10/2/2023 11:00

Sample ID: 23J0301-13

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.014	0.11	0.010	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Acrylonitrile	ND	0.0067	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Benzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Bromobenzene	ND	0.0022	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Bromochloromethane	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Bromodichloromethane	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Bromoform	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
2-Butanone (MEK)	ND	0.045	0.0070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.044	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 12:05	MFF
n-Butylbenzene	ND	0.0022	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
sec-Butylbenzene	ND	0.0022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
tert-Butylbenzene	ND	0.0022	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Carbon Disulfide	ND	0.011	0.0089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Carbon Tetrachloride	ND	0.0022	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Chlorobenzene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Chlorodibromomethane	ND	0.0011	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Chloroform	ND	0.0045	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
2-Chlorotoluene	ND	0.0022	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
4-Chlorotoluene	ND	0.0022	0.00050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00088	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Dibromomethane	ND	0.0022	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,1-Dichloroethane	ND	0.0022	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,2-Dichloroethane	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,1-Dichloroethylene	ND	0.0045	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
cis-1,2-Dichloroethylene	0.027	0.0022	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,2-Dichloropropane	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,3-Dichloropropane	ND	0.0011	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
2,2-Dichloropropane	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,1-Dichloropropene	ND	0.0022	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Diethyl Ether	ND	0.022	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-59-3.5-4.0

Sampled: 10/2/2023 11:00

Sample ID: 23J0301-13

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,4-Dioxane	ND	0.11	0.051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Ethylbenzene	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Hexachlorobutadiene	ND	0.0022	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
2-Hexanone (MBK)	ND	0.022	0.0056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Methyl Acetate	ND	0.0022	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Methyl Cyclohexane	ND	0.0045	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Methylene Chloride	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Naphthalene	ND	0.0045	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
n-Propylbenzene	ND	0.0022	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Styrene	ND	0.0022	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Tetrachloroethylene	ND	0.0022	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Tetrahydrofuran	ND	0.011	0.0040	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Toluene	ND	0.0022	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,2,3-Trichlorobenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,3,5-Trichlorobenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,1,1-Trichloroethane	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Trichloroethylene	ND	0.0022	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,2,3-Trichloropropane	ND	0.0022	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,2,4-Trimethylbenzene	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
1,3,5-Trimethylbenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Vinyl Chloride	ND	0.011	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
m+p Xylene	ND	0.0045	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
o-Xylene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:05	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	119		70-130				10/4/23 12:05			
Toluene-d8	96.9		70-130				10/4/23 12:05			
4-Bromofluorobenzene	94.4		70-130				10/4/23 12:05			

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Project Location: Highland Plaza	Sample Description:	Work Order: 23J0301
Date Received: 10/3/2023		
Field Sample #: SB-59-3.5-4.0	Sampled: 10/2/2023 11:00	
Sample ID: 23J0301-13		
Sample Matrix: Soil		

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.3		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-59-5.0-5.5

Sampled: 10/2/2023 11:02

Sample ID: 23J0301-14

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Bromochloromethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Bromoform	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
2-Butanone (MEK)	ND	0.048	0.0074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 12:30	MFF
n-Butylbenzene	ND	0.0024	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Carbon Disulfide	ND	0.012	0.0095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Carbon Tetrachloride	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Chlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Chloroform	ND	0.0048	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,1-Dichloroethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,1-Dichloroethylene	ND	0.0048	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
cis-1,2-Dichloroethylene	0.061	0.0024	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,2-Dichloropropane	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,3-Dichloropropane	ND	0.0012	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
2,2-Dichloropropane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Diethyl Ether	ND	0.024	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-59-5.0-5.5

Sampled: 10/2/2023 11:02

Sample ID: 23J0301-14

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
2-Hexanone (MBK)	ND	0.024	0.0060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Methyl Cyclohexane	ND	0.0048	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Naphthalene	ND	0.0048	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Styrene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Tetrachloroethylene	0.0051	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Toluene	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,2,3-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Trichloroethylene	0.0052	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Vinyl Chloride	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
m+p Xylene	ND	0.0048	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 12:30	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	116		70-130				10/4/23 12:30			
Toluene-d8	94.4		70-130				10/4/23 12:30			
4-Bromofluorobenzene	96.1		70-130				10/4/23 12:30			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0301
Date Received: 10/3/2023
Field Sample #: SB-59-5.0-5.5 Sampled: 10/2/2023 11:02
Sample ID: 23J0301-14
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.4		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-59-6.0-6.5

Sampled: 10/2/2023 11:05

Sample ID: 23J0301-15

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.012	0.12	0.011	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Benzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Bromobenzene	ND	0.0024	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Bromochloromethane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Bromodichloromethane	ND	0.0024	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Bromoform	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
2-Butanone (MEK)	ND	0.047	0.0074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.046	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 13:21	MFF
n-Butylbenzene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Carbon Disulfide	ND	0.012	0.0094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Carbon Tetrachloride	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Chlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Chloroform	ND	0.0047	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
2-Chlorotoluene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00093	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Dibromomethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,1-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,1-Dichloroethylene	ND	0.0047	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
cis-1,2-Dichloroethylene	0.027	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,2-Dichloropropane	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,3-Dichloropropane	ND	0.0012	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
2,2-Dichloropropane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,1-Dichloropropene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Diethyl Ether	ND	0.024	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-59-6.0-6.5

Sampled: 10/2/2023 11:05

Sample ID: 23J0301-15

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Ethylbenzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Hexachlorobutadiene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
2-Hexanone (MBK)	ND	0.024	0.0059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Methyl Cyclohexane	ND	0.0047	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Naphthalene	ND	0.0047	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Styrene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Tetrachloroethylene	0.026	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Toluene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,2,3-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Trichloroethylene	0.0077	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Vinyl Chloride	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:21	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	111		70-130				10/4/23 13:21			
Toluene-d8	93.6		70-130				10/4/23 13:21			
4-Bromofluorobenzene	98.6		70-130				10/4/23 13:21			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0301
Date Received: 10/3/2023
Field Sample #: SB-59-6.0-6.5 Sampled: 10/2/2023 11:05
Sample ID: 23J0301-15
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.9		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-59-7.5-8.0

Sampled: 10/2/2023 11:08

Sample ID: 23J0301-16

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.0097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Acrylonitrile	ND	0.0065	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Benzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Bromobenzene	ND	0.0022	0.00050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Bromochloromethane	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Bromodichloromethane	ND	0.0022	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Bromoform	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
2-Butanone (MEK)	ND	0.043	0.0067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.043	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 13:46	MFF
n-Butylbenzene	ND	0.0022	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
sec-Butylbenzene	ND	0.0022	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
tert-Butylbenzene	ND	0.0022	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Carbon Disulfide	ND	0.011	0.0086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Carbon Tetrachloride	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Chlorobenzene	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Chlorodibromomethane	ND	0.0011	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Chloroform	ND	0.0043	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
2-Chlorotoluene	ND	0.0022	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
4-Chlorotoluene	ND	0.0022	0.00048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00085	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Dibromomethane	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
trans-1,4-Dichloro-2-butene	ND	0.0043	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,1-Dichloroethane	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,2-Dichloroethane	ND	0.0022	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,1-Dichloroethylene	ND	0.0043	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
cis-1,2-Dichloroethylene	0.054	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,2-Dichloropropane	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,3-Dichloropropane	ND	0.0011	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
2,2-Dichloropropane	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,1-Dichloropropene	ND	0.0022	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Diethyl Ether	ND	0.022	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-59-7.5-8.0

Sampled: 10/2/2023 11:08

Sample ID: 23J0301-16

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,4-Dioxane	ND	0.11	0.049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Ethylbenzene	ND	0.0022	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Hexachlorobutadiene	ND	0.0022	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
2-Hexanone (MBK)	ND	0.022	0.0054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Methyl Acetate	ND	0.0022	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Methyl Cyclohexane	ND	0.0043	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Methylene Chloride	ND	0.022	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Naphthalene	ND	0.0043	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
n-Propylbenzene	ND	0.0022	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Styrene	ND	0.0022	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Tetrachloroethylene	0.052	0.0022	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Tetrahydrofuran	ND	0.011	0.0038	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Toluene	ND	0.0022	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,2,3-Trichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,3,5-Trichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,1,1-Trichloroethane	ND	0.0022	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Trichloroethylene	0.018	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,2,3-Trichloropropane	ND	0.0022	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,2,4-Trimethylbenzene	ND	0.0022	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
1,3,5-Trimethylbenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Vinyl Chloride	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
m+p Xylene	ND	0.0043	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
o-Xylene	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 13:46	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	123		70-130				10/4/23 13:46			
Toluene-d8	95.3		70-130				10/4/23 13:46			
4-Bromofluorobenzene	98.4		70-130				10/4/23 13:46			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza Sample Description: Work Order: 23J0301
Date Received: 10/3/2023
Field Sample #: SB-59-7.5-8.0 Sampled: 10/2/2023 11:08
Sample ID: 23J0301-16
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.6		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-60-1.0-1.5

Sampled: 10/2/2023 11:18

Sample ID: 23J0301-17

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.0099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Acrylonitrile	ND	0.0065	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Benzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Bromobenzene	ND	0.0022	0.00050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Bromochloromethane	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Bromodichloromethane	ND	0.0022	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Bromoform	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
2-Butanone (MEK)	ND	0.044	0.0068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.043	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 14:12	MFF
n-Butylbenzene	ND	0.0022	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
sec-Butylbenzene	ND	0.0022	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
tert-Butylbenzene	ND	0.0022	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Carbon Disulfide	ND	0.011	0.0087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Carbon Tetrachloride	ND	0.0022	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Chlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Chlorodibromomethane	ND	0.0011	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Chloroform	ND	0.0044	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
2-Chlorotoluene	ND	0.0022	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
4-Chlorotoluene	ND	0.0022	0.00049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00086	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Dibromomethane	ND	0.0022	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
trans-1,4-Dichloro-2-butene	ND	0.0044	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,1-Dichloroethane	ND	0.0022	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,2-Dichloroethane	ND	0.0022	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,1-Dichloroethylene	ND	0.0044	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
cis-1,2-Dichloroethylene	0.0036	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,2-Dichloropropane	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,3-Dichloropropane	ND	0.0011	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
2,2-Dichloropropane	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,1-Dichloropropene	ND	0.0022	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Diethyl Ether	ND	0.022	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-60-1.0-1.5

Sampled: 10/2/2023 11:18

Sample ID: 23J0301-17

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,4-Dioxane	ND	0.11	0.050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Ethylbenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Hexachlorobutadiene	ND	0.0022	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
2-Hexanone (MBK)	ND	0.022	0.0055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Methyl Acetate	ND	0.0022	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0044	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Methyl Cyclohexane	0.0027	0.0044	0.00085	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Methylene Chloride	0.0017	0.022	0.0010	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 14:12	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Naphthalene	ND	0.0044	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
n-Propylbenzene	ND	0.0022	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Styrene	ND	0.0022	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Tetrachloroethylene	1.0	0.0022	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Tetrachloroethylene	8.6	0.57	0.097	mg/Kg dry	10		SW-846 8260D	10/5/23	10/10/23 0:15	EEH
Tetrahydrofuran	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Toluene	0.0014	0.0022	0.00074	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,2,3-Trichlorobenzene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,3,5-Trichlorobenzene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,1,1-Trichloroethane	ND	0.0022	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Trichloroethylene	0.0060	0.0022	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,2,3-Trichloropropane	ND	0.0022	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,2,4-Trimethylbenzene	ND	0.0022	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
1,3,5-Trimethylbenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
Vinyl Chloride	ND	0.011	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
m+p Xylene	ND	0.0044	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF
o-Xylene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 14:12	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	109	70-130	
1,2-Dichloroethane-d4	113	70-130	
Toluene-d8	103	70-130	
Toluene-d8	99.2	70-130	
4-Bromofluorobenzene	100	70-130	
4-Bromofluorobenzene	98.2	70-130	

Project Location: Highland Plaza

Date Received: 10/3/2023

Field Sample #: SB-60-1.0-1.5

Sample ID: 23J0301-17

Sample Matrix: Soil

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Description:

Sampled: 10/2/2023 11:18

Work Order: 23J0301

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.2		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-60-2.0-2.5

Sampled: 10/2/2023 11:20

Sample ID: 23J0301-18

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.081	0.12	0.010	mg/Kg dry	1	V-06, J	SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Acrylonitrile	ND	0.0069	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00079	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Benzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Bromobenzene	ND	0.0023	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Bromochloromethane	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Bromodichloromethane	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Bromoform	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
2-Butanone (MEK)	ND	0.046	0.0072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.046	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
n-Butylbenzene	ND	0.0023	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
tert-Butylbenzene	ND	0.0023	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Carbon Disulfide	0.015	0.012	0.0092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Carbon Tetrachloride	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Chlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Chlorodibromomethane	ND	0.0012	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Chloroethane	ND	0.023	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Chloroform	ND	0.0046	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Chloromethane	ND	0.012	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
2-Chlorotoluene	ND	0.0023	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
4-Chlorotoluene	ND	0.0023	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Dibromomethane	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,1-Dichloroethane	ND	0.0023	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,2-Dichloroethane	ND	0.0023	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,1-Dichloroethylene	0.0013	0.0046	0.00095	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/5/23 6:19	MFF
cis-1,2-Dichloroethylene	1.7	0.0023	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
cis-1,2-Dichloroethylene	2.1	0.13	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/10/23 0:43	EEH
trans-1,2-Dichloroethylene	0.019	0.0023	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,2-Dichloropropane	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,3-Dichloropropane	ND	0.0012	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
2,2-Dichloropropane	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-60-2.0-2.5

Sampled: 10/2/2023 11:20

Sample ID: 23J0301-18

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	0.023	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Diisopropyl Ether (DIPE)	ND	0.0012	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,4-Dioxane	ND	0.12	0.052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Ethylbenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Hexachlorobutadiene	ND	0.0023	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
2-Hexanone (MBK)	ND	0.023	0.0058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Methyl Acetate	ND	0.0023	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Methyl Cyclohexane	ND	0.0046	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Naphthalene	ND	0.0046	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
n-Propylbenzene	ND	0.0023	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Styrene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Tetrachloroethylene	0.0052	0.0023	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Tetrahydrofuran	ND	0.012	0.0041	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Toluene	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,2,3-Trichlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Trichloroethylene	0.0015	0.0023	0.00093	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
Vinyl Chloride	ND	0.012	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
m+p Xylene	ND	0.0046	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF
o-Xylene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:19	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	109	70-130	10/10/23 0:43
1,2-Dichloroethane-d4	116	70-130	10/5/23 6:19
Toluene-d8	105	70-130	10/10/23 0:43
Toluene-d8	96.9	70-130	10/5/23 6:19
4-Bromofluorobenzene	105	70-130	10/10/23 0:43
4-Bromofluorobenzene	97.7	70-130	10/5/23 6:19

Project Location: Highland Plaza

Date Received: 10/3/2023

Field Sample #: SB-60-2.0-2.5

Sample ID: 23J0301-18

Sample Matrix: Soil

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Sample Description:

Sampled: 10/2/2023 11:20

Work Order: 23J0301

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.9		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-60-3.5-4.0

Sampled: 10/2/2023 11:23

Sample ID: 23J0301-19

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.027	0.11	0.010	mg/Kg dry	1	V-06, J	SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Acrylonitrile	ND	0.0069	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00078	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Benzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Bromobenzene	ND	0.0023	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Bromochloromethane	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Bromodichloromethane	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Bromoform	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Bromomethane	ND	0.011	0.0020	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
2-Butanone (MEK)	ND	0.046	0.0072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.045	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
n-Butylbenzene	ND	0.0023	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
tert-Butylbenzene	ND	0.0023	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
tert-Butyl Ethyl Ether (TBEE)	0.013	0.0011	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Carbon Disulfide	ND	0.011	0.0092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Carbon Tetrachloride	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Chlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Chlorodibromomethane	ND	0.0011	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Chloroethane	ND	0.023	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Chloroform	ND	0.0046	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
2-Chlorotoluene	ND	0.0023	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
4-Chlorotoluene	ND	0.0023	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Dibromomethane	ND	0.0023	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,1-Dichloroethane	ND	0.0023	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,2-Dichloroethane	ND	0.0023	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,1-Dichloroethylene	ND	0.0046	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
cis-1,2-Dichloroethylene	1.2	0.0023	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
cis-1,2-Dichloroethylene	0.52	0.060	0.0084	mg/Kg dry	1		SW-846 8260D	10/5/23	10/10/23 1:11	EEH
trans-1,2-Dichloroethylene	0.0070	0.0023	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,2-Dichloropropane	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,3-Dichloropropane	ND	0.0011	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
2,2-Dichloropropane	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-60-3.5-4.0

Sampled: 10/2/2023 11:23

Sample ID: 23J0301-19

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	0.023	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Diisopropyl Ether (DIPE)	ND	0.0011	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,4-Dioxane	ND	0.11	0.052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Ethylbenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Hexachlorobutadiene	ND	0.0023	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
2-Hexanone (MBK)	ND	0.023	0.0058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Methyl Acetate	ND	0.0023	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Methyl Cyclohexane	ND	0.0046	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Naphthalene	ND	0.0046	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
n-Propylbenzene	ND	0.0023	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Styrene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Tetrachloroethylene	0.0013	0.0023	0.00096	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Tetrahydrofuran	ND	0.011	0.0041	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Toluene	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,2,3-Trichlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Trichloroethylene	ND	0.0023	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
Vinyl Chloride	ND	0.011	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
m+p Xylene	ND	0.0046	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF
o-Xylene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 6:48	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	108	70-130	10/10/23 1:11
1,2-Dichloroethane-d4	119	70-130	10/5/23 6:48
Toluene-d8	104	70-130	10/10/23 1:11
Toluene-d8	94.8	70-130	10/5/23 6:48
4-Bromofluorobenzene	103	70-130	10/10/23 1:11
4-Bromofluorobenzene	93.7	70-130	10/5/23 6:48

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-60-3.5-4.0

Sampled: 10/2/2023 11:23

Sample ID: 23J0301-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-60-5.0-5.5

Sampled: 10/2/2023 11:30

Sample ID: 23J0301-20

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.018	0.11	0.0096	mg/Kg dry	1	V-06, J	SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Acrylonitrile	ND	0.0063	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00072	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Benzene	ND	0.0021	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Bromobenzene	ND	0.0021	0.00049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Bromochloromethane	ND	0.0021	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Bromodichloromethane	ND	0.0021	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Bromoform	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Bromomethane	ND	0.011	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
2-Butanone (MEK)	ND	0.042	0.0066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
n-Butylbenzene	ND	0.0021	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
sec-Butylbenzene	ND	0.0021	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
tert-Butylbenzene	ND	0.0021	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Carbon Disulfide	ND	0.011	0.0085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Carbon Tetrachloride	ND	0.0021	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Chlorobenzene	ND	0.0021	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Chlorodibromomethane	ND	0.0011	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Chloroethane	ND	0.021	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Chloroform	ND	0.0042	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Chloromethane	ND	0.011	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
2-Chlorotoluene	ND	0.0021	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
4-Chlorotoluene	ND	0.0021	0.00047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Dibromomethane	ND	0.0021	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,2-Dichlorobenzene	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,3-Dichlorobenzene	ND	0.0021	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,4-Dichlorobenzene	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	0.0011	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,1-Dichloroethane	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,2-Dichloroethane	ND	0.0021	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,1-Dichloroethylene	0.00095	0.0042	0.00087	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/5/23 7:15	MFF
cis-1,2-Dichloroethylene	0.87	0.059	0.0081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/10/23 3:01	EEH
cis-1,2-Dichloroethylene	1.5	0.0021	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
trans-1,2-Dichloroethylene	0.0065	0.0021	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,2-Dichloropropane	ND	0.0021	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,3-Dichloropropane	ND	0.0011	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
2,2-Dichloropropane	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,1-Dichloropropene	ND	0.0021	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0301

Date Received: 10/3/2023

Field Sample #: SB-60-5.0-5.5

Sampled: 10/2/2023 11:30

Sample ID: 23J0301-20

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diethyl Ether	ND	0.021	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Diisopropyl Ether (DIPE)	ND	0.0011	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,4-Dioxane	ND	0.11	0.048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Ethylbenzene	ND	0.0021	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Hexachlorobutadiene	ND	0.0021	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
2-Hexanone (MBK)	ND	0.021	0.0053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Isopropylbenzene (Cumene)	ND	0.0021	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Methyl Acetate	ND	0.0021	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Methyl Cyclohexane	ND	0.0042	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Methylene Chloride	ND	0.021	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	0.0047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Naphthalene	ND	0.0042	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
n-Propylbenzene	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Styrene	ND	0.0021	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Tetrachloroethylene	ND	0.0021	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Tetrahydrofuran	ND	0.011	0.0038	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Toluene	ND	0.0021	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,2,3-Trichlorobenzene	ND	0.0021	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,2,4-Trichlorobenzene	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,3,5-Trichlorobenzene	ND	0.0021	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,1,1-Trichloroethane	ND	0.0021	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,1,2-Trichloroethane	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Trichloroethylene	ND	0.0021	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,2,3-Trichloropropane	ND	0.0021	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,2,4-Trimethylbenzene	ND	0.0021	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
1,3,5-Trimethylbenzene	ND	0.0021	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
Vinyl Chloride	ND	0.011	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
m+p Xylene	ND	0.0042	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF
o-Xylene	ND	0.0021	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/5/23 7:15	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	108	70-130	10/10/23 3:01
1,2-Dichloroethane-d4	126	70-130	10/5/23 7:15
Toluene-d8	105	70-130	10/10/23 3:01
Toluene-d8	94.6	70-130	10/5/23 7:15
4-Bromofluorobenzene	105	70-130	10/10/23 3:01
4-Bromofluorobenzene	88.1	70-130	10/5/23 7:15

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Project Location: Highland Plaza Sample Description: Work Order: 23J0301
Date Received: 10/3/2023
Field Sample #: SB-60-5.0-5.5 Sampled: 10/2/2023 11:30
Sample ID: 23J0301-20
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.4		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-60-6.0-6.5

Sampled: 10/2/2023 11:33

Sample ID: 23J0326-01

Sample Matrix: Soil

Sample Flags: PR-03, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	5.8	0.23	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Acrylonitrile	ND	0.58	0.054	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.058	0.015	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Benzene	ND	0.12	0.021	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Bromobenzene	ND	0.12	0.017	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Bromochloromethane	ND	0.12	0.033	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Bromodichloromethane	ND	0.12	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Bromoform	ND	0.12	0.048	mg/Kg dry	2	V-05	SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Bromomethane	ND	0.23	0.15	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
2-Butanone (MEK)	ND	2.3	0.20	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
tert-Butyl Alcohol (TBA)	ND	2.3	0.50	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
n-Butylbenzene	ND	0.12	0.017	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
sec-Butylbenzene	ND	0.12	0.015	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
tert-Butylbenzene	ND	0.12	0.016	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.058	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Carbon Disulfide	ND	0.58	0.18	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Carbon Tetrachloride	ND	0.12	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Chlorobenzene	ND	0.12	0.014	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Chlorodibromomethane	ND	0.058	0.023	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Chloroethane	ND	0.23	0.040	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Chloroform	ND	0.23	0.016	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Chloromethane	0.065	0.23	0.059	mg/Kg dry	2	J	SW-846 8260D	10/5/23	10/9/23 18:38	MFF
2-Chlorotoluene	ND	0.12	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
4-Chlorotoluene	ND	0.12	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.58	0.099	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,2-Dibromoethane (EDB)	ND	0.058	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Dibromomethane	ND	0.12	0.037	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,2-Dichlorobenzene	ND	0.12	0.015	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,3-Dichlorobenzene	ND	0.12	0.016	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,4-Dichlorobenzene	ND	0.12	0.015	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
trans-1,4-Dichloro-2-butene	ND	0.23	0.17	mg/Kg dry	2	V-05	SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.23	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,1-Dichloroethane	ND	0.12	0.016	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,2-Dichloroethane	ND	0.12	0.035	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,1-Dichloroethylene	ND	0.12	0.016	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
cis-1,2-Dichloroethylene	5.3	0.12	0.016	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
trans-1,2-Dichloroethylene	ND	0.12	0.020	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,2-Dichloropropane	ND	0.12	0.023	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,3-Dichloropropane	ND	0.058	0.013	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
2,2-Dichloropropane	ND	0.12	0.041	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,1-Dichloropropene	ND	0.23	0.017	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
cis-1,3-Dichloropropene	ND	0.058	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
trans-1,3-Dichloropropene	ND	0.058	0.017	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Diethyl Ether	ND	0.23	0.017	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-60-6.0-6.5

Sampled: 10/2/2023 11:33

Sample ID: 23J0326-01

Sample Matrix: Soil

Sample Flags: PR-03, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.058	0.023	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,4-Dioxane	ND	5.8	2.1	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Ethylbenzene	ND	0.12	0.026	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Hexachlorobutadiene	ND	0.12	0.055	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
2-Hexanone (MBK)	ND	1.2	0.14	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Isopropylbenzene (Cumene)	ND	0.12	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.12	0.015	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Methyl Acetate	ND	1.2	0.070	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.12	0.020	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Methyl Cyclohexane	ND	0.12	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Methylene Chloride	ND	0.58	0.021	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
4-Methyl-2-pentanone (MIBK)	ND	1.2	0.15	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Naphthalene	ND	0.23	0.044	mg/Kg dry	2	V-05	SW-846 8260D	10/5/23	10/9/23 18:38	MFF
n-Propylbenzene	ND	0.12	0.014	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Styrene	ND	0.12	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,1,1,2-Tetrachloroethane	ND	0.12	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,1,2,2-Tetrachloroethane	ND	0.058	0.016	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Tetrachloroethylene	ND	0.12	0.020	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Tetrahydrofuran	ND	1.2	0.057	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Toluene	ND	0.12	0.026	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,2,3-Trichlorobenzene	ND	0.58	0.040	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,2,4-Trichlorobenzene	ND	0.12	0.035	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,3,5-Trichlorobenzene	ND	0.12	0.024	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,1,1-Trichloroethane	ND	0.12	0.017	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,1,2-Trichloroethane	ND	0.12	0.022	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Trichloroethylene	ND	0.12	0.020	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Trichlorofluoromethane (Freon 11)	ND	0.23	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,2,3-Trichloropropane	ND	0.23	0.032	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.12	0.024	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,2,4-Trimethylbenzene	ND	0.12	0.023	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
1,3,5-Trimethylbenzene	ND	0.12	0.017	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Vinyl Chloride	ND	0.23	0.028	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
m+p Xylene	ND	0.23	0.057	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
o-Xylene	ND	0.12	0.028	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 18:38	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	110		70-130				10/9/23 18:38			
Toluene-d8	103		70-130				10/9/23 18:38			
4-Bromofluorobenzene	97.0		70-130				10/9/23 18:38			

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Project Location: Highland Plaza	Sample Description:	Work Order: 23J0326
Date Received: 10/3/2023		
Field Sample #: SB-60-6.0-6.5	Sampled: 10/2/2023 11:33	
Sample ID: 23J0326-01		
Sample Matrix: Soil		

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.4		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-60-7.5-8.0

Sampled: 10/2/2023 11:35

Sample ID: 23J0326-02

Sample Matrix: Soil

Sample Flags: PR-03, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	6.2	0.25	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Acrylonitrile	ND	0.62	0.058	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.062	0.016	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Benzene	ND	0.12	0.023	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Bromobenzene	ND	0.12	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Bromochloromethane	ND	0.12	0.035	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Bromodichloromethane	ND	0.12	0.020	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Bromoform	ND	0.12	0.051	mg/Kg dry	2	V-05	SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Bromomethane	ND	0.25	0.17	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
2-Butanone (MEK)	ND	2.5	0.21	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
tert-Butyl Alcohol (TBA)	ND	2.5	0.53	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
n-Butylbenzene	ND	0.12	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
sec-Butylbenzene	ND	0.12	0.016	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
tert-Butylbenzene	ND	0.12	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.062	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Carbon Disulfide	ND	0.62	0.19	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Carbon Tetrachloride	ND	0.12	0.020	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Chlorobenzene	ND	0.12	0.015	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Chlorodibromomethane	ND	0.062	0.025	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Chloroethane	ND	0.25	0.043	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Chloroform	ND	0.25	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Chloromethane	ND	0.25	0.063	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
2-Chlorotoluene	ND	0.12	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
4-Chlorotoluene	ND	0.12	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.62	0.11	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,2-Dibromoethane (EDB)	ND	0.062	0.020	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Dibromomethane	ND	0.12	0.040	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,2-Dichlorobenzene	ND	0.12	0.016	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,3-Dichlorobenzene	ND	0.12	0.017	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,4-Dichlorobenzene	ND	0.12	0.016	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
trans-1,4-Dichloro-2-butene	ND	0.25	0.19	mg/Kg dry	2	V-05	SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.25	0.020	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,1-Dichloroethane	ND	0.12	0.017	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,2-Dichloroethane	ND	0.12	0.038	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,1-Dichloroethylene	ND	0.12	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
cis-1,2-Dichloroethylene	3.5	0.12	0.017	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
trans-1,2-Dichloroethylene	ND	0.12	0.021	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,2-Dichloropropane	ND	0.12	0.024	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,3-Dichloropropane	ND	0.062	0.014	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
2,2-Dichloropropane	ND	0.12	0.043	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,1-Dichloropropene	ND	0.25	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
cis-1,3-Dichloropropene	ND	0.062	0.020	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
trans-1,3-Dichloropropene	ND	0.062	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Diethyl Ether	ND	0.25	0.018	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-60-7.5-8.0

Sampled: 10/2/2023 11:35

Sample ID: 23J0326-02

Sample Matrix: Soil

Sample Flags: PR-03, RL-11

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.062	0.025	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,4-Dioxane	ND	6.2	2.2	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Ethylbenzene	ND	0.12	0.028	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Hexachlorobutadiene	ND	0.12	0.059	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
2-Hexanone (MBK)	ND	1.2	0.15	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Isopropylbenzene (Cumene)	ND	0.12	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.12	0.016	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Methyl Acetate	ND	1.2	0.076	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.12	0.021	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Methyl Cyclohexane	ND	0.12	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Methylene Chloride	ND	0.62	0.022	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
4-Methyl-2-pentanone (MIBK)	ND	1.2	0.16	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Naphthalene	ND	0.25	0.047	mg/Kg dry	2	V-05	SW-846 8260D	10/5/23	10/9/23 19:05	MFF
n-Propylbenzene	ND	0.12	0.016	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Styrene	ND	0.12	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,1,1,2-Tetrachloroethane	ND	0.12	0.020	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,1,2,2-Tetrachloroethane	ND	0.062	0.017	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Tetrachloroethylene	4.8	0.12	0.021	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Tetrahydrofuran	ND	1.2	0.061	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Toluene	ND	0.12	0.028	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,2,3-Trichlorobenzene	ND	0.62	0.043	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,2,4-Trichlorobenzene	ND	0.12	0.037	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,3,5-Trichlorobenzene	ND	0.12	0.026	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,1,1-Trichloroethane	ND	0.12	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,1,2-Trichloroethane	0.027	0.12	0.024	mg/Kg dry	2	J	SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Trichloroethylene	0.91	0.12	0.022	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Trichlorofluoromethane (Freon 11)	ND	0.25	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,2,3-Trichloropropane	ND	0.25	0.035	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.12	0.026	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,2,4-Trimethylbenzene	ND	0.12	0.025	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
1,3,5-Trimethylbenzene	ND	0.12	0.019	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Vinyl Chloride	ND	0.25	0.030	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
m+p Xylene	ND	0.25	0.061	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
o-Xylene	ND	0.12	0.030	mg/Kg dry	2		SW-846 8260D	10/5/23	10/9/23 19:05	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	110		70-130				10/9/23 19:05			
Toluene-d8	99.4		70-130				10/9/23 19:05			
4-Bromofluorobenzene	95.4		70-130				10/9/23 19:05			

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Project Location: Highland Plaza	Sample Description:	Work Order: 23J0326
Date Received: 10/3/2023		
Field Sample #: SB-60-7.5-8.0	Sampled: 10/2/2023 11:35	
Sample ID: 23J0326-02		
Sample Matrix: Soil		

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-1.0-1.5

Sampled: 10/2/2023 12:04

Sample ID: 23J0326-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.096	0.0087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Acrylonitrile	ND	0.0057	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00096	0.00065	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Benzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Bromobenzene	ND	0.0019	0.00044	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Bromochloromethane	ND	0.0019	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Bromodichloromethane	ND	0.0019	0.00050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Bromoform	ND	0.0019	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Bromomethane	ND	0.0096	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
2-Butanone (MEK)	ND	0.038	0.0060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
tert-Butyl Alcohol (TBA)	ND	0.096	0.038	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 6:47	MFF
n-Butylbenzene	ND	0.0019	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
sec-Butylbenzene	ND	0.0019	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
tert-Butylbenzene	ND	0.0019	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00096	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Carbon Disulfide	ND	0.0096	0.0077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Carbon Tetrachloride	ND	0.0019	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Chlorobenzene	ND	0.0019	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Chlorodibromomethane	ND	0.00096	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Chloroethane	ND	0.019	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Chloroform	ND	0.0038	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Chloromethane	ND	0.0096	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
2-Chlorotoluene	ND	0.0019	0.00048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
4-Chlorotoluene	ND	0.0019	0.00043	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,2-Dibromoethane (EDB)	ND	0.00096	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Dibromomethane	ND	0.0019	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,2-Dichlorobenzene	ND	0.0019	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,3-Dichlorobenzene	ND	0.0019	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,4-Dichlorobenzene	ND	0.0019	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,1-Dichloroethane	ND	0.0019	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,2-Dichloroethane	ND	0.0019	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,1-Dichloroethylene	ND	0.0038	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
cis-1,2-Dichloroethylene	0.0020	0.0019	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
trans-1,2-Dichloroethylene	ND	0.0019	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,2-Dichloropropane	ND	0.0019	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,3-Dichloropropane	ND	0.00096	0.00047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
2,2-Dichloropropane	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,1-Dichloropropene	ND	0.0019	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
cis-1,3-Dichloropropene	ND	0.00096	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
trans-1,3-Dichloropropene	ND	0.00096	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Diethyl Ether	ND	0.019	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-1.0-1.5

Sampled: 10/2/2023 12:04

Sample ID: 23J0326-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00096	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,4-Dioxane	ND	0.096	0.044	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Ethylbenzene	ND	0.0019	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Hexachlorobutadiene	ND	0.0019	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
2-Hexanone (MBK)	ND	0.019	0.0048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Isopropylbenzene (Cumene)	ND	0.0019	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Methyl Acetate	ND	0.0019	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Methyl Cyclohexane	0.0013	0.0038	0.00074	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Methylene Chloride	ND	0.019	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	0.0042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Naphthalene	ND	0.0038	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
n-Propylbenzene	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Styrene	ND	0.0019	0.00047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,1,2,2-Tetrachloroethane	ND	0.00096	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Tetrachloroethylene	0.0046	0.0019	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Tetrahydrofuran	ND	0.0096	0.0034	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Toluene	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,2,3-Trichlorobenzene	ND	0.0019	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,2,4-Trichlorobenzene	ND	0.0019	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,3,5-Trichlorobenzene	ND	0.0019	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,1,1-Trichloroethane	ND	0.0019	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,1,2-Trichloroethane	ND	0.0019	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Trichloroethylene	ND	0.0019	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0096	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,2,3-Trichloropropane	ND	0.0019	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0096	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,2,4-Trimethylbenzene	ND	0.0019	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
1,3,5-Trimethylbenzene	ND	0.0019	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Vinyl Chloride	ND	0.0096	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
m+p Xylene	ND	0.0038	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
o-Xylene	ND	0.0019	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 6:47	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	113		70-130				10/6/23 6:47			
Toluene-d8	95.2		70-130				10/6/23 6:47			
4-Bromofluorobenzene	89.2		70-130				10/6/23 6:47			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-1.0-1.5

Sampled: 10/2/2023 12:04

Sample ID: 23J0326-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	95.6		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-2.0-2.5

Sampled: 10/2/2023 12:06

Sample ID: 23J0326-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.025	0.11	0.010	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Acrylonitrile	ND	0.0067	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00076	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Benzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Bromobenzene	ND	0.0022	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Bromochloromethane	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Bromodichloromethane	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Bromoform	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
2-Butanone (MEK)	ND	0.044	0.0069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.044	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 7:20	MFF
n-Butylbenzene	ND	0.0022	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
sec-Butylbenzene	ND	0.0022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
tert-Butylbenzene	ND	0.0022	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Carbon Disulfide	ND	0.011	0.0089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Carbon Tetrachloride	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Chlorobenzene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Chlorodibromomethane	ND	0.0011	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Chloroform	ND	0.0044	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
2-Chlorotoluene	ND	0.0022	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
4-Chlorotoluene	ND	0.0022	0.00050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Dibromomethane	ND	0.0022	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
trans-1,4-Dichloro-2-butene	ND	0.0044	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,1-Dichloroethane	ND	0.0022	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,2-Dichloroethane	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,1-Dichloroethylene	ND	0.0044	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
cis-1,2-Dichloroethylene	ND	0.0022	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,2-Dichloropropane	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,3-Dichloropropane	ND	0.0011	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
2,2-Dichloropropane	ND	0.0022	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,1-Dichloropropene	ND	0.0022	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Diethyl Ether	ND	0.022	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-2.0-2.5

Sampled: 10/2/2023 12:06

Sample ID: 23J0326-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,4-Dioxane	ND	0.11	0.051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Ethylbenzene	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Hexachlorobutadiene	ND	0.0022	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
2-Hexanone (MBK)	ND	0.022	0.0056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Methyl Acetate	ND	0.0022	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0044	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Methyl Cyclohexane	ND	0.0044	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Methylene Chloride	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Naphthalene	ND	0.0044	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
n-Propylbenzene	ND	0.0022	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Styrene	ND	0.0022	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Tetrachloroethylene	ND	0.0022	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Tetrahydrofuran	ND	0.011	0.0040	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Toluene	ND	0.0022	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,2,3-Trichlorobenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,3,5-Trichlorobenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,1,1-Trichloroethane	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Trichloroethylene	ND	0.0022	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,2,3-Trichloropropane	ND	0.0022	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,2,4-Trimethylbenzene	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
1,3,5-Trimethylbenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Vinyl Chloride	ND	0.011	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
m+p Xylene	ND	0.0044	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
o-Xylene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:20	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	119		70-130				10/6/23 7:20			
Toluene-d8	100		70-130				10/6/23 7:20			
4-Bromofluorobenzene	78.2		70-130				10/6/23 7:20			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0326
Date Received: 10/3/2023
Field Sample #: SB-61-2.0-2.5 Sampled: 10/2/2023 12:06
Sample ID: 23J0326-04
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.4		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-3.5-4.0

Sampled: 10/2/2023 12:10

Sample ID: 23J0326-05

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	0.013	0.11	0.010	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Acrylonitrile	ND	0.0068	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00077	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Benzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Bromobenzene	ND	0.0023	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Bromochloromethane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Bromodichloromethane	ND	0.0023	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Bromoform	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
2-Butanone (MEK)	ND	0.045	0.0070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.044	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 7:49	MFF
n-Butylbenzene	ND	0.0023	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
tert-Butylbenzene	ND	0.0023	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Carbon Disulfide	ND	0.011	0.0090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Carbon Tetrachloride	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Chlorobenzene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Chlorodibromomethane	ND	0.0011	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Chloroethane	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Chloroform	ND	0.0045	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
2-Chlorotoluene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
4-Chlorotoluene	ND	0.0023	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Dibromomethane	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,1-Dichloroethane	ND	0.0023	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,2-Dichloroethane	ND	0.0023	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,1-Dichloroethylene	ND	0.0045	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
cis-1,2-Dichloroethylene	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,2-Dichloropropane	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,3-Dichloropropane	ND	0.0011	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
2,2-Dichloropropane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Diethyl Ether	ND	0.023	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-3.5-4.0

Sampled: 10/2/2023 12:10

Sample ID: 23J0326-05

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,4-Dioxane	ND	0.11	0.051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Ethylbenzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Hexachlorobutadiene	ND	0.0023	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
2-Hexanone (MBK)	ND	0.023	0.0057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Methyl Acetate	ND	0.0023	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Methyl Cyclohexane	ND	0.0045	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Naphthalene	ND	0.0045	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
n-Propylbenzene	ND	0.0023	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Styrene	ND	0.0023	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Tetrachloroethylene	ND	0.0023	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Tetrahydrofuran	ND	0.011	0.0040	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Toluene	ND	0.0023	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,2,3-Trichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Trichloroethylene	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Vinyl Chloride	ND	0.011	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
m+p Xylene	ND	0.0045	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
o-Xylene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 7:49	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	119		70-130				10/6/23 7:49			
Toluene-d8	98.4		70-130				10/6/23 7:49			
4-Bromofluorobenzene	88.2		70-130				10/6/23 7:49			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0326
Date Received: 10/3/2023
Field Sample #: SB-61-3.5-4.0 Sampled: 10/2/2023 12:10
Sample ID: 23J0326-05
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.0		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-5.0-5.5

Sampled: 10/2/2023 12:15

Sample ID: 23J0326-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	0.0094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Acrylonitrile	ND	0.0062	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	0.00071	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Benzene	ND	0.0021	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Bromobenzene	ND	0.0021	0.00048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Bromochloromethane	ND	0.0021	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Bromodichloromethane	ND	0.0021	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Bromoform	ND	0.0021	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Bromomethane	ND	0.010	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
2-Butanone (MEK)	ND	0.041	0.0065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
tert-Butyl Alcohol (TBA)	ND	0.10	0.041	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 8:24	MFF
n-Butylbenzene	ND	0.0021	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
sec-Butylbenzene	ND	0.0021	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
tert-Butylbenzene	ND	0.0021	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Carbon Disulfide	ND	0.010	0.0083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Carbon Tetrachloride	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Chlorobenzene	ND	0.0021	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Chlorodibromomethane	ND	0.0010	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Chloroethane	ND	0.021	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Chloroform	ND	0.0041	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Chloromethane	ND	0.010	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
2-Chlorotoluene	ND	0.0021	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
4-Chlorotoluene	ND	0.0021	0.00047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Dibromomethane	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,2-Dichlorobenzene	ND	0.0021	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,3-Dichlorobenzene	ND	0.0021	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,4-Dichlorobenzene	ND	0.0021	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
trans-1,4-Dichloro-2-butene	ND	0.0041	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,1-Dichloroethane	ND	0.0021	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,2-Dichloroethane	ND	0.0021	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,1-Dichloroethylene	ND	0.0041	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
cis-1,2-Dichloroethylene	0.00075	0.0021	0.00066	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/6/23 8:24	MFF
trans-1,2-Dichloroethylene	ND	0.0021	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,2-Dichloropropane	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,3-Dichloropropane	ND	0.0010	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
2,2-Dichloropropane	ND	0.0021	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,1-Dichloropropene	ND	0.0021	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
cis-1,3-Dichloropropene	ND	0.0010	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
trans-1,3-Dichloropropene	ND	0.0010	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Diethyl Ether	ND	0.021	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-5.0-5.5

Sampled: 10/2/2023 12:15

Sample ID: 23J0326-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,4-Dioxane	ND	0.10	0.047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Ethylbenzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Hexachlorobutadiene	ND	0.0021	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
2-Hexanone (MBK)	ND	0.021	0.0052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Isopropylbenzene (Cumene)	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Methyl Acetate	ND	0.0021	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0041	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Methyl Cyclohexane	ND	0.0041	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Methylene Chloride	ND	0.021	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	0.0046	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Naphthalene	ND	0.0041	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
n-Propylbenzene	ND	0.0021	0.00050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Styrene	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Tetrachloroethylene	ND	0.0021	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Tetrahydrofuran	ND	0.010	0.0037	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Toluene	ND	0.0021	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,2,3-Trichlorobenzene	ND	0.0021	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,2,4-Trichlorobenzene	ND	0.0021	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,3,5-Trichlorobenzene	ND	0.0021	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,1,1-Trichloroethane	ND	0.0021	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,1,2-Trichloroethane	ND	0.0021	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Trichloroethylene	ND	0.0021	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,2,3-Trichloropropane	ND	0.0021	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,2,4-Trimethylbenzene	ND	0.0021	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
1,3,5-Trimethylbenzene	ND	0.0021	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Vinyl Chloride	ND	0.010	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
m+p Xylene	ND	0.0041	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
o-Xylene	ND	0.0021	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 8:24	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	115		70-130				10/6/23 8:24			
Toluene-d8	95.6		70-130				10/6/23 8:24			
4-Bromofluorobenzene	88.6		70-130				10/6/23 8:24			

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Project Location: Highland Plaza	Sample Description:	Work Order: 23J0326
Date Received: 10/3/2023		
Field Sample #: SB-61-5.0-5.5	Sampled: 10/2/2023 12:15	
Sample ID: 23J0326-06		
Sample Matrix: Soil		

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-6.0-6.5

Sampled: 10/2/2023 12:17

Sample ID: 23J0326-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.0097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Acrylonitrile	ND	0.0065	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00074	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Benzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Bromobenzene	ND	0.0022	0.00050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Bromochloromethane	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Bromodichloromethane	ND	0.0022	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Bromoform	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
2-Butanone (MEK)	ND	0.043	0.0067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.043	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 9:07	MFF
n-Butylbenzene	ND	0.0022	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
sec-Butylbenzene	ND	0.0022	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
tert-Butylbenzene	ND	0.0022	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Carbon Disulfide	ND	0.011	0.0086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Carbon Tetrachloride	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Chlorobenzene	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Chlorodibromomethane	ND	0.0011	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Chloroform	ND	0.0043	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
2-Chlorotoluene	ND	0.0022	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
4-Chlorotoluene	ND	0.0022	0.00048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Dibromomethane	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
trans-1,4-Dichloro-2-butene	ND	0.0043	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,1-Dichloroethane	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,2-Dichloroethane	ND	0.0022	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,1-Dichloroethylene	ND	0.0043	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
cis-1,2-Dichloroethylene	0.0012	0.0022	0.00069	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/6/23 9:07	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,2-Dichloropropane	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,3-Dichloropropane	ND	0.0011	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
2,2-Dichloropropane	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,1-Dichloropropene	ND	0.0022	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Diethyl Ether	ND	0.022	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-6.0-6.5

Sampled: 10/2/2023 12:17

Sample ID: 23J0326-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,4-Dioxane	ND	0.11	0.049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Ethylbenzene	ND	0.0022	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Hexachlorobutadiene	ND	0.0022	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
2-Hexanone (MBK)	ND	0.022	0.0054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Methyl Acetate	ND	0.0022	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Methyl Cyclohexane	ND	0.0043	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Methylene Chloride	ND	0.022	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Naphthalene	ND	0.0043	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
n-Propylbenzene	ND	0.0022	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Styrene	ND	0.0022	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Tetrachloroethylene	ND	0.0022	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Tetrahydrofuran	ND	0.011	0.0038	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Toluene	ND	0.0022	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,2,3-Trichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,3,5-Trichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,1,1-Trichloroethane	ND	0.0022	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Trichloroethylene	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,2,3-Trichloropropane	ND	0.0022	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,2,4-Trimethylbenzene	ND	0.0022	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
1,3,5-Trimethylbenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Vinyl Chloride	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
m+p Xylene	ND	0.0043	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
o-Xylene	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:07	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	122		70-130				10/6/23 9:07			
Toluene-d8	96.4		70-130				10/6/23 9:07			
4-Bromofluorobenzene	84.2		70-130				10/6/23 9:07			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0326
Date Received: 10/3/2023
Field Sample #: SB-61-6.0-6.5 Sampled: 10/2/2023 12:17
Sample ID: 23J0326-07
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.1		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-7.5-8.0

Sampled: 10/2/2023 12:20

Sample ID: 23J0326-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Acrylonitrile	ND	0.0066	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00076	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Benzene	ND	0.0022	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Bromobenzene	ND	0.0022	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Bromochloromethane	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Bromodichloromethane	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Bromoform	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
2-Butanone (MEK)	ND	0.044	0.0069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.044	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 9:40	MFF
n-Butylbenzene	ND	0.0022	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
sec-Butylbenzene	ND	0.0022	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
tert-Butylbenzene	ND	0.0022	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Carbon Disulfide	ND	0.011	0.0089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Carbon Tetrachloride	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Chlorobenzene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Chlorodibromomethane	ND	0.0011	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Chloroform	ND	0.0044	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
2-Chlorotoluene	ND	0.0022	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
4-Chlorotoluene	ND	0.0022	0.00050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Dibromomethane	ND	0.0022	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
trans-1,4-Dichloro-2-butene	ND	0.0044	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,1-Dichloroethane	ND	0.0022	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,2-Dichloroethane	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,1-Dichloroethylene	ND	0.0044	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
cis-1,2-Dichloroethylene	0.0014	0.0022	0.00071	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/6/23 9:40	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,2-Dichloropropane	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,3-Dichloropropane	ND	0.0011	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
2,2-Dichloropropane	ND	0.0022	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,1-Dichloropropene	ND	0.0022	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Diethyl Ether	ND	0.022	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-7.5-8.0

Sampled: 10/2/2023 12:20

Sample ID: 23J0326-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,4-Dioxane	ND	0.11	0.050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Ethylbenzene	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Hexachlorobutadiene	ND	0.0022	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
2-Hexanone (MBK)	ND	0.022	0.0056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Methyl Acetate	ND	0.0022	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0044	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Methyl Cyclohexane	ND	0.0044	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Methylene Chloride	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Naphthalene	ND	0.0044	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
n-Propylbenzene	ND	0.0022	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Styrene	ND	0.0022	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Tetrachloroethylene	0.0021	0.0022	0.00093	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Tetrahydrofuran	ND	0.011	0.0040	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Toluene	ND	0.0022	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,2,3-Trichlorobenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,3,5-Trichlorobenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,1,1-Trichloroethane	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Trichloroethylene	0.0011	0.0022	0.00089	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,2,3-Trichloropropane	ND	0.0022	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,2,4-Trimethylbenzene	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
1,3,5-Trimethylbenzene	ND	0.0022	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Vinyl Chloride	ND	0.011	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
m+p Xylene	ND	0.0044	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
o-Xylene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 9:40	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	112		70-130				10/6/23 9:40			
Toluene-d8	95.5		70-130				10/6/23 9:40			
4-Bromofluorobenzene	87.1		70-130				10/6/23 9:40			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-61-7.5-8.0

Sampled: 10/2/2023 12:20

Sample ID: 23J0326-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.2		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-1.0-1.5

Sampled: 10/2/2023 12:20

Sample ID: 23J0326-09

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Bromochloromethane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Bromoform	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
2-Butanone (MEK)	ND	0.047	0.0074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 10:08	MFF
n-Butylbenzene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Carbon Disulfide	ND	0.012	0.0095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Carbon Tetrachloride	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Chlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Chloroform	ND	0.0047	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,1-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,1-Dichloroethylene	ND	0.0047	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,2-Dichloropropane	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,3-Dichloropropane	ND	0.0012	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
2,2-Dichloropropane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,1-Dichloropropene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Diethyl Ether	ND	0.024	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-1.0-1.5

Sampled: 10/2/2023 12:20

Sample ID: 23J0326-09

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Ethylbenzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Hexachlorobutadiene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
2-Hexanone (MBK)	ND	0.024	0.0059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Methyl Cyclohexane	ND	0.0047	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Naphthalene	ND	0.0047	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Styrene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Tetrachloroethylene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Toluene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,2,3-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Trichloroethylene	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Vinyl Chloride	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:08	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	116		70-130				10/6/23 10:08			
Toluene-d8	93.4		70-130				10/6/23 10:08			
4-Bromofluorobenzene	89.6		70-130				10/6/23 10:08			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0326
Date Received: 10/3/2023
Field Sample #: SB-62-1.0-1.5 Sampled: 10/2/2023 12:20
Sample ID: 23J0326-09
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.2		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-2.0-2.5

Sampled: 10/2/2023 12:23

Sample ID: 23J0326-10

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Acrylonitrile	ND	0.0069	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00079	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Benzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Bromobenzene	ND	0.0023	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Bromochloromethane	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Bromodichloromethane	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Bromoform	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
2-Butanone (MEK)	ND	0.046	0.0072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.046	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 10:35	MFF
n-Butylbenzene	ND	0.0023	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
tert-Butylbenzene	ND	0.0023	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Carbon Disulfide	ND	0.012	0.0092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Carbon Tetrachloride	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Chlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Chlorodibromomethane	ND	0.0012	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Chloroethane	ND	0.023	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Chloroform	ND	0.0046	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Chloromethane	ND	0.012	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
2-Chlorotoluene	ND	0.0023	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
4-Chlorotoluene	ND	0.0023	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Dibromomethane	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,1-Dichloroethane	ND	0.0023	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,2-Dichloroethane	ND	0.0023	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,1-Dichloroethylene	ND	0.0046	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
cis-1,2-Dichloroethylene	ND	0.0023	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,2-Dichloropropane	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,3-Dichloropropane	ND	0.0012	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
2,2-Dichloropropane	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Diethyl Ether	ND	0.023	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-2.0-2.5

Sampled: 10/2/2023 12:23

Sample ID: 23J0326-10

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,4-Dioxane	ND	0.12	0.053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Ethylbenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Hexachlorobutadiene	ND	0.0023	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
2-Hexanone (MBK)	ND	0.023	0.0058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Methyl Acetate	ND	0.0023	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Methyl Cyclohexane	ND	0.0046	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Naphthalene	ND	0.0046	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
n-Propylbenzene	ND	0.0023	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Styrene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Tetrachloroethylene	ND	0.0023	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Tetrahydrofuran	ND	0.012	0.0041	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Toluene	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,2,3-Trichlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Trichloroethylene	ND	0.0023	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Vinyl Chloride	ND	0.012	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
m+p Xylene	ND	0.0046	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
o-Xylene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 10:35	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	123		70-130				10/6/23 10:35			
Toluene-d8	96.4		70-130				10/6/23 10:35			
4-Bromofluorobenzene	89.4		70-130				10/6/23 10:35			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0326
Date Received: 10/3/2023
Field Sample #: SB-62-2.0-2.5 Sampled: 10/2/2023 12:23
Sample ID: 23J0326-10
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.6		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-3.5-4.0

Sampled: 10/2/2023 12:25

Sample ID: 23J0326-11

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Acrylonitrile	ND	0.0070	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00079	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Benzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Bromobenzene	ND	0.0023	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Bromochloromethane	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Bromodichloromethane	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Bromoform	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
2-Butanone (MEK)	ND	0.046	0.0073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.046	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 11:01	MFF
n-Butylbenzene	ND	0.0023	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
tert-Butylbenzene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Carbon Disulfide	ND	0.012	0.0093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Carbon Tetrachloride	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Chlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Chlorodibromomethane	ND	0.0012	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Chloroethane	ND	0.023	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Chloroform	ND	0.0046	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Chloromethane	ND	0.012	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
2-Chlorotoluene	ND	0.0023	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
4-Chlorotoluene	ND	0.0023	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Dibromomethane	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,1-Dichloroethane	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,2-Dichloroethane	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,1-Dichloroethylene	ND	0.0046	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
cis-1,2-Dichloroethylene	ND	0.0023	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,2-Dichloropropane	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,3-Dichloropropane	ND	0.0012	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
2,2-Dichloropropane	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Diethyl Ether	ND	0.023	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-3.5-4.0

Sampled: 10/2/2023 12:25

Sample ID: 23J0326-11

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,4-Dioxane	ND	0.12	0.053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Ethylbenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Hexachlorobutadiene	ND	0.0023	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
2-Hexanone (MBK)	ND	0.023	0.0058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Methyl Acetate	ND	0.0023	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Methyl Cyclohexane	ND	0.0046	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Naphthalene	ND	0.0046	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
n-Propylbenzene	ND	0.0023	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Styrene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Tetrachloroethylene	ND	0.0023	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Tetrahydrofuran	ND	0.012	0.0041	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Toluene	ND	0.0023	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,2,3-Trichlorobenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Trichloroethylene	ND	0.0023	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Vinyl Chloride	ND	0.012	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
m+p Xylene	ND	0.0046	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
o-Xylene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:01	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	113		70-130				10/6/23 11:01			
Toluene-d8	94.8		70-130				10/6/23 11:01			
4-Bromofluorobenzene	93.9		70-130				10/6/23 11:01			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-3.5-4.0

Sampled: 10/2/2023 12:25

Sample ID: 23J0326-11

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.1		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-5.0-5.5

Sampled: 10/2/2023 12:30

Sample ID: 23J0326-12

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Acrylonitrile	ND	0.0069	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00078	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Benzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Bromobenzene	ND	0.0023	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Bromochloromethane	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Bromodichloromethane	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Bromoform	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Bromomethane	ND	0.011	0.0020	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
2-Butanone (MEK)	ND	0.046	0.0072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.045	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 11:27	MFF
n-Butylbenzene	ND	0.0023	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
tert-Butylbenzene	ND	0.0023	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Carbon Disulfide	ND	0.011	0.0092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Carbon Tetrachloride	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Chlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Chlorodibromomethane	ND	0.0011	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Chloroethane	ND	0.023	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Chloroform	ND	0.0046	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
2-Chlorotoluene	ND	0.0023	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
4-Chlorotoluene	ND	0.0023	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Dibromomethane	ND	0.0023	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,1-Dichloroethane	ND	0.0023	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,2-Dichloroethane	ND	0.0023	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,1-Dichloroethylene	ND	0.0046	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
cis-1,2-Dichloroethylene	ND	0.0023	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,2-Dichloropropane	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,3-Dichloropropane	ND	0.0011	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
2,2-Dichloropropane	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Diethyl Ether	ND	0.023	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-5.0-5.5

Sampled: 10/2/2023 12:30

Sample ID: 23J0326-12

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,4-Dioxane	ND	0.11	0.052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Ethylbenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Hexachlorobutadiene	ND	0.0023	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
2-Hexanone (MBK)	ND	0.023	0.0058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Methyl Acetate	ND	0.0023	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Methyl Cyclohexane	ND	0.0046	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Naphthalene	ND	0.0046	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
n-Propylbenzene	ND	0.0023	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Styrene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Tetrachloroethylene	ND	0.0023	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Tetrahydrofuran	ND	0.011	0.0041	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Toluene	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,2,3-Trichlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Trichloroethylene	ND	0.0023	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Vinyl Chloride	ND	0.011	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
m+p Xylene	ND	0.0046	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
o-Xylene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:27	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	110		70-130				10/6/23 11:27			
Toluene-d8	95.8		70-130				10/6/23 11:27			
4-Bromofluorobenzene	93.8		70-130				10/6/23 11:27			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-5.0-5.5

Sampled: 10/2/2023 12:30

Sample ID: 23J0326-12

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.2		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-6.0-6.5

Sampled: 10/2/2023 12:33

Sample ID: 23J0326-13

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.10	0.0095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Acrylonitrile	ND	0.0063	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0010	0.00072	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Benzene	ND	0.0021	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Bromobenzene	ND	0.0021	0.00048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Bromochloromethane	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Bromodichloromethane	ND	0.0021	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Bromoform	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Bromomethane	ND	0.010	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
2-Butanone (MEK)	ND	0.042	0.0065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
tert-Butyl Alcohol (TBA)	ND	0.10	0.041	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 13:20	MFF
n-Butylbenzene	ND	0.0021	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
sec-Butylbenzene	ND	0.0021	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
tert-Butylbenzene	ND	0.0021	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Carbon Disulfide	ND	0.010	0.0084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Carbon Tetrachloride	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Chlorobenzene	ND	0.0021	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Chlorodibromomethane	ND	0.0010	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Chloroethane	ND	0.021	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Chloroform	ND	0.0042	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Chloromethane	ND	0.010	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
2-Chlorotoluene	ND	0.0021	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
4-Chlorotoluene	ND	0.0021	0.00047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,2-Dibromoethane (EDB)	ND	0.0010	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Dibromomethane	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,2-Dichlorobenzene	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,3-Dichlorobenzene	ND	0.0021	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,4-Dichlorobenzene	ND	0.0021	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
trans-1,4-Dichloro-2-butene	ND	0.0042	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,1-Dichloroethane	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,2-Dichloroethane	ND	0.0021	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,1-Dichloroethylene	ND	0.0042	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
cis-1,2-Dichloroethylene	ND	0.0021	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
trans-1,2-Dichloroethylene	ND	0.0021	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,2-Dichloropropane	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,3-Dichloropropane	ND	0.0010	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
2,2-Dichloropropane	ND	0.0021	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,1-Dichloropropene	ND	0.0021	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
cis-1,3-Dichloropropene	ND	0.0010	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
trans-1,3-Dichloropropene	ND	0.0010	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Diethyl Ether	ND	0.021	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-6.0-6.5

Sampled: 10/2/2023 12:33

Sample ID: 23J0326-13

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0010	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,4-Dioxane	ND	0.10	0.048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Ethylbenzene	ND	0.0021	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Hexachlorobutadiene	ND	0.0021	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
2-Hexanone (MBK)	ND	0.021	0.0053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Isopropylbenzene (Cumene)	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Methyl Acetate	ND	0.0021	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0042	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Methyl Cyclohexane	ND	0.0042	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Methylene Chloride	ND	0.021	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	0.0046	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Naphthalene	ND	0.0042	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
n-Propylbenzene	ND	0.0021	0.00050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Styrene	ND	0.0021	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.0010	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Tetrachloroethylene	ND	0.0021	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Tetrahydrofuran	ND	0.010	0.0037	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Toluene	ND	0.0021	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,2,3-Trichlorobenzene	ND	0.0021	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,2,4-Trichlorobenzene	ND	0.0021	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,3,5-Trichlorobenzene	ND	0.0021	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,1,1-Trichloroethane	ND	0.0021	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,1,2-Trichloroethane	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Trichloroethylene	ND	0.0021	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Trichlorofluoromethane (Freon 11)	ND	0.010	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,2,3-Trichloropropane	ND	0.0021	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.010	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,2,4-Trimethylbenzene	ND	0.0021	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
1,3,5-Trimethylbenzene	ND	0.0021	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Vinyl Chloride	ND	0.010	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
m+p Xylene	ND	0.0042	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
o-Xylene	ND	0.0021	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:20	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	110		70-130				10/6/23 13:20			
Toluene-d8	95.2		70-130				10/6/23 13:20			
4-Bromofluorobenzene	94.9		70-130				10/6/23 13:20			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-6.0-6.5

Sampled: 10/2/2023 12:33

Sample ID: 23J0326-13

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.6		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-7.5-8.0

Sampled: 10/2/2023 12:35

Sample ID: 23J0326-14

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.0099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Acrylonitrile	ND	0.0066	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00075	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Benzene	ND	0.0022	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Bromobenzene	ND	0.0022	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Bromochloromethane	ND	0.0022	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Bromodichloromethane	ND	0.0022	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Bromoform	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
2-Butanone (MEK)	ND	0.044	0.0068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.043	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 13:46	MFF
n-Butylbenzene	ND	0.0022	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
sec-Butylbenzene	ND	0.0022	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
tert-Butylbenzene	ND	0.0022	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Carbon Disulfide	ND	0.011	0.0088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Carbon Tetrachloride	ND	0.0022	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Chlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Chlorodibromomethane	ND	0.0011	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Chloroform	ND	0.0044	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
2-Chlorotoluene	ND	0.0022	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
4-Chlorotoluene	ND	0.0022	0.00049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Dibromomethane	ND	0.0022	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
trans-1,4-Dichloro-2-butene	ND	0.0044	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,1-Dichloroethane	ND	0.0022	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,2-Dichloroethane	ND	0.0022	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,1-Dichloroethylene	ND	0.0044	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
cis-1,2-Dichloroethylene	ND	0.0022	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,2-Dichloropropane	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,3-Dichloropropane	ND	0.0011	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
2,2-Dichloropropane	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,1-Dichloropropene	ND	0.0022	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Diethyl Ether	ND	0.022	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-7.5-8.0

Sampled: 10/2/2023 12:35

Sample ID: 23J0326-14

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,4-Dioxane	ND	0.11	0.050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Ethylbenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Hexachlorobutadiene	ND	0.0022	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
2-Hexanone (MBK)	ND	0.022	0.0055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Methyl Acetate	ND	0.0022	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0044	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Methyl Cyclohexane	ND	0.0044	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Methylene Chloride	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Naphthalene	ND	0.0044	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
n-Propylbenzene	ND	0.0022	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Styrene	ND	0.0022	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Tetrachloroethylene	ND	0.0022	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Tetrahydrofuran	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Toluene	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,2,3-Trichlorobenzene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,3,5-Trichlorobenzene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,1,1-Trichloroethane	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Trichloroethylene	ND	0.0022	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,2,3-Trichloropropane	ND	0.0022	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,2,4-Trimethylbenzene	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
1,3,5-Trimethylbenzene	ND	0.0022	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Vinyl Chloride	ND	0.011	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
m+p Xylene	ND	0.0044	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
o-Xylene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 13:46	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	111		70-130				10/6/23 13:46			
Toluene-d8	99.0		70-130				10/6/23 13:46			
4-Bromofluorobenzene	93.2		70-130				10/6/23 13:46			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-62-7.5-8.0

Sampled: 10/2/2023 12:35

Sample ID: 23J0326-14

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.2		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-1.0-1.5

Sampled: 10/2/2023 12:40

Sample ID: 23J0326-15

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.0097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Acrylonitrile	ND	0.0065	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00074	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Benzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Bromobenzene	ND	0.0022	0.00050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Bromochloromethane	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Bromodichloromethane	ND	0.0022	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Bromoform	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
2-Butanone (MEK)	ND	0.043	0.0067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.043	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 11:54	MFF
n-Butylbenzene	ND	0.0022	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
sec-Butylbenzene	ND	0.0022	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
tert-Butylbenzene	ND	0.0022	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Carbon Disulfide	ND	0.011	0.0086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Carbon Tetrachloride	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Chlorobenzene	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Chlorodibromomethane	ND	0.0011	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Chloroform	ND	0.0043	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
2-Chlorotoluene	ND	0.0022	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
4-Chlorotoluene	ND	0.0022	0.00048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Dibromomethane	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
trans-1,4-Dichloro-2-butene	ND	0.0043	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,1-Dichloroethane	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,2-Dichloroethane	ND	0.0022	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,1-Dichloroethylene	ND	0.0043	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
cis-1,2-Dichloroethylene	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,2-Dichloropropane	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,3-Dichloropropane	ND	0.0011	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
2,2-Dichloropropane	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,1-Dichloropropene	ND	0.0022	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Diethyl Ether	ND	0.022	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-1.0-1.5

Sampled: 10/2/2023 12:40

Sample ID: 23J0326-15

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,4-Dioxane	ND	0.11	0.049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Ethylbenzene	ND	0.0022	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Hexachlorobutadiene	ND	0.0022	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
2-Hexanone (MBK)	ND	0.022	0.0054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Methyl Acetate	ND	0.0022	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Methyl Cyclohexane	ND	0.0043	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Methylene Chloride	ND	0.022	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Naphthalene	0.0079	0.0043	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
n-Propylbenzene	ND	0.0022	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Styrene	ND	0.0022	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Tetrachloroethylene	0.0042	0.0022	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Tetrahydrofuran	ND	0.011	0.0038	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Toluene	ND	0.0022	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,2,3-Trichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,3,5-Trichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,1,1-Trichloroethane	ND	0.0022	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Trichloroethylene	0.0021	0.0022	0.00087	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,2,3-Trichloropropane	ND	0.0022	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,2,4-Trimethylbenzene	ND	0.0022	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
1,3,5-Trimethylbenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Vinyl Chloride	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
m+p Xylene	ND	0.0043	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
o-Xylene	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 11:54	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	111		70-130				10/6/23 11:54			
Toluene-d8	99.8		70-130				10/6/23 11:54			
4-Bromofluorobenzene	91.2		70-130				10/6/23 11:54			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-1.0-1.5

Sampled: 10/2/2023 12:40

Sample ID: 23J0326-15

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.3		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-2.0-2.5

Sampled: 10/2/2023 12:43

Sample ID: 23J0326-16

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Acrylonitrile	ND	0.0067	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00076	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Benzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Bromobenzene	ND	0.0022	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Bromochloromethane	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Bromodichloromethane	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Bromoform	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
2-Butanone (MEK)	ND	0.044	0.0069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.044	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 14:31	MFF
n-Butylbenzene	ND	0.0022	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
sec-Butylbenzene	ND	0.0022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
tert-Butylbenzene	ND	0.0022	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Carbon Disulfide	ND	0.011	0.0089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Carbon Tetrachloride	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Chlorobenzene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Chlorodibromomethane	ND	0.0011	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Chloroform	ND	0.0044	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
2-Chlorotoluene	ND	0.0022	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
4-Chlorotoluene	ND	0.0022	0.00050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Dibromomethane	ND	0.0022	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
trans-1,4-Dichloro-2-butene	ND	0.0044	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,1-Dichloroethane	ND	0.0022	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,2-Dichloroethane	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,1-Dichloroethylene	ND	0.0044	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
cis-1,2-Dichloroethylene	ND	0.0022	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,2-Dichloropropane	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,3-Dichloropropane	ND	0.0011	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
2,2-Dichloropropane	ND	0.0022	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,1-Dichloropropene	ND	0.0022	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Diethyl Ether	ND	0.022	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-2.0-2.5

Sampled: 10/2/2023 12:43

Sample ID: 23J0326-16

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,4-Dioxane	ND	0.11	0.051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Ethylbenzene	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Hexachlorobutadiene	ND	0.0022	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
2-Hexanone (MBK)	ND	0.022	0.0056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Methyl Acetate	ND	0.0022	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0044	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Methyl Cyclohexane	ND	0.0044	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Methylene Chloride	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Naphthalene	0.0019	0.0044	0.00080	mg/Kg dry	1	J	SW-846 8260D	10/4/23	10/6/23 14:31	MFF
n-Propylbenzene	ND	0.0022	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Styrene	ND	0.0022	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Tetrachloroethylene	ND	0.0022	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Tetrahydrofuran	ND	0.011	0.0040	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Toluene	ND	0.0022	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,2,3-Trichlorobenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,3,5-Trichlorobenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,1,1-Trichloroethane	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Trichloroethylene	ND	0.0022	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,2,3-Trichloropropane	ND	0.0022	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,2,4-Trimethylbenzene	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
1,3,5-Trimethylbenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Vinyl Chloride	ND	0.011	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
m+p Xylene	ND	0.0044	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
o-Xylene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:31	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	113		70-130				10/6/23 14:31			
Toluene-d8	99.1		70-130				10/6/23 14:31			
4-Bromofluorobenzene	92.3		70-130				10/6/23 14:31			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0326
Date Received: 10/3/2023
Field Sample #: SB-63-2.0-2.5 Sampled: 10/2/2023 12:43
Sample ID: 23J0326-16
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-3.5-4.0

Sampled: 10/2/2023 12:45

Sample ID: 23J0326-17

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.0096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Acrylonitrile	ND	0.0064	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00073	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Benzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Bromobenzene	ND	0.0021	0.00049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Bromochloromethane	ND	0.0021	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Bromodichloromethane	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Bromoform	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Bromomethane	ND	0.011	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
2-Butanone (MEK)	ND	0.043	0.0067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.042	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 14:56	MFF
n-Butylbenzene	ND	0.0021	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
sec-Butylbenzene	ND	0.0021	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
tert-Butylbenzene	ND	0.0021	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Carbon Disulfide	ND	0.011	0.0085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Carbon Tetrachloride	ND	0.0021	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Chlorobenzene	ND	0.0021	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Chlorodibromomethane	ND	0.0011	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Chloroethane	ND	0.021	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Chloroform	ND	0.0043	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
2-Chlorotoluene	ND	0.0021	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
4-Chlorotoluene	ND	0.0021	0.00048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Dibromomethane	ND	0.0021	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,2-Dichlorobenzene	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,3-Dichlorobenzene	ND	0.0021	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,4-Dichlorobenzene	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
trans-1,4-Dichloro-2-butene	ND	0.0043	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,1-Dichloroethane	ND	0.0021	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,2-Dichloroethane	ND	0.0021	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,1-Dichloroethylene	ND	0.0043	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
cis-1,2-Dichloroethylene	ND	0.0021	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
trans-1,2-Dichloroethylene	ND	0.0021	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,2-Dichloropropane	ND	0.0021	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,3-Dichloropropane	ND	0.0011	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
2,2-Dichloropropane	ND	0.0021	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,1-Dichloropropene	ND	0.0021	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Diethyl Ether	ND	0.021	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-3.5-4.0

Sampled: 10/2/2023 12:45

Sample ID: 23J0326-17

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,4-Dioxane	ND	0.11	0.049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Ethylbenzene	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Hexachlorobutadiene	ND	0.0021	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
2-Hexanone (MBK)	ND	0.021	0.0054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Isopropylbenzene (Cumene)	ND	0.0021	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Methyl Acetate	ND	0.0021	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Methyl Cyclohexane	ND	0.0043	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Methylene Chloride	ND	0.021	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	0.0047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Naphthalene	ND	0.0043	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
n-Propylbenzene	ND	0.0021	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Styrene	ND	0.0021	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Tetrachloroethylene	ND	0.0021	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Tetrahydrofuran	ND	0.011	0.0038	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Toluene	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,2,3-Trichlorobenzene	ND	0.0021	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,2,4-Trichlorobenzene	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,3,5-Trichlorobenzene	ND	0.0021	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,1,1-Trichloroethane	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,1,2-Trichloroethane	ND	0.0021	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Trichloroethylene	ND	0.0021	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,2,3-Trichloropropane	ND	0.0021	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,2,4-Trimethylbenzene	ND	0.0021	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
1,3,5-Trimethylbenzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Vinyl Chloride	ND	0.011	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
m+p Xylene	ND	0.0043	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
o-Xylene	ND	0.0021	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 14:56	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	114		70-130				10/6/23 14:56			
Toluene-d8	96.1		70-130				10/6/23 14:56			
4-Bromofluorobenzene	94.5		70-130				10/6/23 14:56			

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Project Location: Highland Plaza	Sample Description:	Work Order: 23J0326
Date Received: 10/3/2023		
Field Sample #: SB-63-3.5-4.0	Sampled: 10/2/2023 12:45	
Sample ID: 23J0326-17		
Sample Matrix: Soil		

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	90.5		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-5.0-5.5

Sampled: 10/2/2023 12:50

Sample ID: 23J0326-18

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.0097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Acrylonitrile	ND	0.0064	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00073	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Benzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Bromobenzene	ND	0.0021	0.00050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Bromochloromethane	ND	0.0021	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Bromodichloromethane	ND	0.0021	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Bromoform	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
2-Butanone (MEK)	ND	0.043	0.0067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.042	mg/Kg dry	1	V-05	SW-846 8260D	10/4/23	10/6/23 15:22	MFF
n-Butylbenzene	ND	0.0021	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
sec-Butylbenzene	ND	0.0021	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
tert-Butylbenzene	ND	0.0021	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Carbon Disulfide	ND	0.011	0.0086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Carbon Tetrachloride	ND	0.0021	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Chlorobenzene	ND	0.0021	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Chlorodibromomethane	ND	0.0011	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Chloroethane	ND	0.021	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Chloroform	ND	0.0043	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
2-Chlorotoluene	ND	0.0021	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
4-Chlorotoluene	ND	0.0021	0.00048	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0021	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Dibromomethane	ND	0.0021	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,2-Dichlorobenzene	ND	0.0021	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,3-Dichlorobenzene	ND	0.0021	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,4-Dichlorobenzene	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
trans-1,4-Dichloro-2-butene	ND	0.0043	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.021	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,1-Dichloroethane	ND	0.0021	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,2-Dichloroethane	ND	0.0021	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,1-Dichloroethylene	ND	0.0043	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
cis-1,2-Dichloroethylene	ND	0.0021	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
trans-1,2-Dichloroethylene	ND	0.0021	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,2-Dichloropropane	ND	0.0021	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,3-Dichloropropane	ND	0.0011	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
2,2-Dichloropropane	ND	0.0021	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,1-Dichloropropene	ND	0.0021	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Diethyl Ether	ND	0.021	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-5.0-5.5

Sampled: 10/2/2023 12:50

Sample ID: 23J0326-18

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,4-Dioxane	ND	0.11	0.049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Ethylbenzene	ND	0.0021	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Hexachlorobutadiene	ND	0.0021	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
2-Hexanone (MBK)	ND	0.021	0.0054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Isopropylbenzene (Cumene)	ND	0.0021	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0021	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Methyl Acetate	ND	0.0021	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Methyl Cyclohexane	ND	0.0043	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Methylene Chloride	ND	0.021	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.021	0.0047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Naphthalene	ND	0.0043	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
n-Propylbenzene	ND	0.0021	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Styrene	ND	0.0021	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0021	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Tetrachloroethylene	0.0038	0.0021	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Tetrahydrofuran	ND	0.011	0.0038	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Toluene	ND	0.0021	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,2,3-Trichlorobenzene	ND	0.0021	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,2,4-Trichlorobenzene	ND	0.0021	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,3,5-Trichlorobenzene	ND	0.0021	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,1,1-Trichloroethane	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,1,2-Trichloroethane	ND	0.0021	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Trichloroethylene	ND	0.0021	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,2,3-Trichloropropane	ND	0.0021	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,2,4-Trimethylbenzene	ND	0.0021	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
1,3,5-Trimethylbenzene	ND	0.0021	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Vinyl Chloride	ND	0.011	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
m+p Xylene	ND	0.0043	0.0015	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
o-Xylene	ND	0.0021	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/6/23 15:22	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	111		70-130				10/6/23 15:22			
Toluene-d8	96.5		70-130				10/6/23 15:22			
4-Bromofluorobenzene	94.2		70-130				10/6/23 15:22			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0326
Date Received: 10/3/2023
Field Sample #: SB-63-5.0-5.5 Sampled: 10/2/2023 12:50
Sample ID: 23J0326-18
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-6.0-6.5

Sampled: 10/2/2023 12:53

Sample ID: 23J0326-19

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.0097	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Acrylonitrile	ND	0.0065	0.00096	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00074	mg/Kg dry	1	V-05	SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Benzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Bromobenzene	ND	0.0022	0.00050	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Bromochloromethane	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Bromodichloromethane	ND	0.0022	0.00056	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Bromoform	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
2-Butanone (MEK)	ND	0.043	0.0067	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.043	mg/Kg dry	1	V-05	SW-846 8260D	10/9/23	10/9/23 5:56	MFF
n-Butylbenzene	ND	0.0022	0.00070	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
sec-Butylbenzene	ND	0.0022	0.0010	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
tert-Butylbenzene	ND	0.0022	0.00092	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00084	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Carbon Disulfide	ND	0.011	0.0086	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Carbon Tetrachloride	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Chlorobenzene	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Chlorodibromomethane	ND	0.0011	0.00068	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Chloroform	ND	0.0043	0.00067	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
2-Chlorotoluene	ND	0.0022	0.00054	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
4-Chlorotoluene	ND	0.0022	0.00048	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00082	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Dibromomethane	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00057	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
trans-1,4-Dichloro-2-butene	ND	0.0043	0.00067	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0011	mg/Kg dry	1	V-05	SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,1-Dichloroethane	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,2-Dichloroethane	ND	0.0022	0.00072	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,1-Dichloroethylene	ND	0.0043	0.00088	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
cis-1,2-Dichloroethylene	ND	0.0022	0.00069	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00078	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,2-Dichloropropane	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,3-Dichloropropane	ND	0.0011	0.00053	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
2,2-Dichloropropane	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,1-Dichloropropene	ND	0.0022	0.00095	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00060	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00066	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Diethyl Ether	ND	0.022	0.00088	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-6.0-6.5

Sampled: 10/2/2023 12:53

Sample ID: 23J0326-19

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00073	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,4-Dioxane	ND	0.11	0.049	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Ethylbenzene	ND	0.0022	0.00064	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Hexachlorobutadiene	ND	0.0022	0.00090	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
2-Hexanone (MBK)	ND	0.022	0.0054	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Methyl Acetate	ND	0.0022	0.0015	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0043	0.00072	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Methyl Cyclohexane	ND	0.0043	0.00084	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Methylene Chloride	ND	0.022	0.0010	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0048	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Naphthalene	ND	0.0043	0.00077	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
n-Propylbenzene	ND	0.0022	0.00052	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Styrene	ND	0.0022	0.00053	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00059	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Tetrachloroethylene	0.0076	0.0022	0.00091	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Tetrahydrofuran	ND	0.011	0.0038	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Toluene	ND	0.0022	0.00073	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,2,3-Trichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00065	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,3,5-Trichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,1,1-Trichloroethane	ND	0.0022	0.00082	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00057	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Trichloroethylene	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,2,3-Trichloropropane	ND	0.0022	0.00095	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00093	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,2,4-Trimethylbenzene	ND	0.0022	0.00082	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
1,3,5-Trimethylbenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Vinyl Chloride	ND	0.011	0.00080	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
m+p Xylene	ND	0.0043	0.0015	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
o-Xylene	ND	0.0022	0.00060	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 5:56	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	118		70-130				10/9/23 5:56			
Toluene-d8	95.8		70-130				10/9/23 5:56			
4-Bromofluorobenzene	99.4		70-130				10/9/23 5:56			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-6.0-6.5

Sampled: 10/2/2023 12:53

Sample ID: 23J0326-19

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.5		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-7.5-8.0

Sampled: 10/2/2023 12:55

Sample ID: 23J0326-20

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.095	0.0086	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Acrylonitrile	ND	0.0057	0.00085	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00095	0.00065	mg/Kg dry	1	V-05	SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Benzene	ND	0.0019	0.00055	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Bromobenzene	ND	0.0019	0.00044	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Bromochloromethane	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Bromodichloromethane	ND	0.0019	0.00049	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Bromoform	ND	0.0019	0.00058	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Bromomethane	ND	0.0095	0.0016	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
2-Butanone (MEK)	ND	0.038	0.0059	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
tert-Butyl Alcohol (TBA)	ND	0.095	0.037	mg/Kg dry	1	V-05	SW-846 8260D	10/9/23	10/9/23 6:22	MFF
n-Butylbenzene	ND	0.0019	0.00062	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
sec-Butylbenzene	ND	0.0019	0.00090	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
tert-Butylbenzene	ND	0.0019	0.00081	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00095	0.00074	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Carbon Disulfide	ND	0.0095	0.0076	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Carbon Tetrachloride	ND	0.0019	0.00075	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Chlorobenzene	ND	0.0019	0.00053	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Chlorodibromomethane	ND	0.00095	0.00060	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Chloroethane	ND	0.019	0.0010	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Chloroform	ND	0.0038	0.00059	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Chloromethane	ND	0.0095	0.00094	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
2-Chlorotoluene	ND	0.0019	0.00048	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
4-Chlorotoluene	ND	0.0019	0.00043	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0019	0.00075	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,2-Dibromoethane (EDB)	ND	0.00095	0.00072	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Dibromomethane	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,2-Dichlorobenzene	ND	0.0019	0.00050	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,3-Dichlorobenzene	ND	0.0019	0.00052	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,4-Dichlorobenzene	ND	0.0019	0.00057	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
trans-1,4-Dichloro-2-butene	ND	0.0038	0.00059	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.019	0.00098	mg/Kg dry	1	V-05	SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,1-Dichloroethane	ND	0.0019	0.00065	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,2-Dichloroethane	ND	0.0019	0.00063	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,1-Dichloroethylene	ND	0.0038	0.00078	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
cis-1,2-Dichloroethylene	ND	0.0019	0.00060	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
trans-1,2-Dichloroethylene	ND	0.0019	0.00069	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,2-Dichloropropane	ND	0.0019	0.00059	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,3-Dichloropropane	ND	0.00095	0.00047	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
2,2-Dichloropropane	ND	0.0019	0.00074	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,1-Dichloropropene	ND	0.0019	0.00084	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
cis-1,3-Dichloropropene	ND	0.00095	0.00053	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
trans-1,3-Dichloropropene	ND	0.00095	0.00058	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Diethyl Ether	ND	0.019	0.00078	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-7.5-8.0

Sampled: 10/2/2023 12:55

Sample ID: 23J0326-20

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.00095	0.00065	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,4-Dioxane	ND	0.095	0.043	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Ethylbenzene	ND	0.0019	0.00057	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Hexachlorobutadiene	ND	0.0019	0.00079	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
2-Hexanone (MBK)	ND	0.019	0.0048	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Isopropylbenzene (Cumene)	ND	0.0019	0.00059	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0019	0.00059	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Methyl Acetate	ND	0.0019	0.0014	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0038	0.00064	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Methyl Cyclohexane	ND	0.0038	0.00074	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Methylene Chloride	ND	0.019	0.00091	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.019	0.0042	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Naphthalene	ND	0.0038	0.00068	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
n-Propylbenzene	ND	0.0019	0.00046	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Styrene	ND	0.0019	0.00047	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0019	0.00051	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.00095	0.00052	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Tetrachloroethylene	0.0070	0.0019	0.00080	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Tetrahydrofuran	ND	0.0095	0.0034	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Toluene	ND	0.0019	0.00064	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,2,3-Trichlorobenzene	ND	0.0019	0.00054	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,2,4-Trichlorobenzene	ND	0.0019	0.00057	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,3,5-Trichlorobenzene	ND	0.0019	0.00054	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,1,1-Trichloroethane	ND	0.0019	0.00072	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,1,2-Trichloroethane	ND	0.0019	0.00051	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Trichloroethylene	ND	0.0019	0.00076	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0095	0.00071	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,2,3-Trichloropropane	ND	0.0019	0.00084	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0095	0.00081	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,2,4-Trimethylbenzene	ND	0.0019	0.00072	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
1,3,5-Trimethylbenzene	ND	0.0019	0.00055	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Vinyl Chloride	ND	0.0095	0.00070	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
m+p Xylene	ND	0.0038	0.0014	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
o-Xylene	ND	0.0019	0.00053	mg/Kg dry	1		SW-846 8260D	10/9/23	10/9/23 6:22	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	118		70-130				10/9/23 6:22			
Toluene-d8	98.2		70-130				10/9/23 6:22			
4-Bromofluorobenzene	96.3		70-130				10/9/23 6:22			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0326

Date Received: 10/3/2023

Field Sample #: SB-63-7.5-8.0

Sampled: 10/2/2023 12:55

Sample ID: 23J0326-20

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.1		% Wt	1	H-06	SM 2540G	10/13/23	10/13/23 12:54	AV

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-1.0-1.5

Sampled: 10/2/2023 08:56

Sample ID: 23J0292-01

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Bromochloromethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Bromoform	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 6:41	MFF
2-Butanone (MEK)	ND	0.047	0.0074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
n-Butylbenzene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Carbon Disulfide	ND	0.012	0.0095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Carbon Tetrachloride	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Chlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Chloroform	ND	0.0047	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,1-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,1-Dichloroethylene	ND	0.0047	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,2-Dichloropropane	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,3-Dichloropropane	ND	0.0012	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
2,2-Dichloropropane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Diethyl Ether	ND	0.024	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-1.0-1.5

Sampled: 10/2/2023 08:56

Sample ID: 23J0292-01

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Hexachlorobutadiene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
2-Hexanone (MBK)	ND	0.024	0.0060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Methyl Cyclohexane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Naphthalene	ND	0.012	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Styrene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Toluene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,2,3-Trichlorobenzene	ND	0.0047	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Trichloroethylene	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Vinyl Chloride	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 6:41	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	99.1		70-130				10/4/23 6:41			
Toluene-d8	95.4		70-130				10/4/23 6:41			
4-Bromofluorobenzene	98.6		70-130				10/4/23 6:41			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-1.0-1.5

Sampled: 10/2/2023 08:56

Sample ID: 23J0292-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.9		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-2.0-2.5

Sampled: 10/2/2023 08:58

Sample ID: 23J0292-02

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Acrylonitrile	ND	0.0070	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Benzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Bromobenzene	ND	0.0023	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Bromochloromethane	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Bromodichloromethane	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Bromoform	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 7:07	MFF
2-Butanone (MEK)	ND	0.047	0.0073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.046	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
n-Butylbenzene	ND	0.0023	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
tert-Butylbenzene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Carbon Disulfide	ND	0.012	0.0094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Carbon Tetrachloride	ND	0.0023	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Chlorobenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Chlorodibromomethane	ND	0.0012	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Chloroethane	ND	0.023	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Chloroform	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
2-Chlorotoluene	ND	0.0023	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
4-Chlorotoluene	ND	0.0023	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Dibromomethane	ND	0.0023	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,1-Dichloroethane	ND	0.0023	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,2-Dichloroethane	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,1-Dichloroethylene	ND	0.0047	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
cis-1,2-Dichloroethylene	ND	0.0023	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,2-Dichloropropane	ND	0.0023	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,3-Dichloropropane	ND	0.0012	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
2,2-Dichloropropane	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Diethyl Ether	ND	0.023	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-2.0-2.5

Sampled: 10/2/2023 08:58

Sample ID: 23J0292-02

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,4-Dioxane	ND	0.12	0.053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Ethylbenzene	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Hexachlorobutadiene	ND	0.0023	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
2-Hexanone (MBK)	ND	0.023	0.0059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Methyl Acetate	ND	0.0023	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Methyl Cyclohexane	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Naphthalene	ND	0.012	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
n-Propylbenzene	ND	0.0023	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Styrene	ND	0.0023	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Tetrachloroethylene	ND	0.0023	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Toluene	ND	0.0023	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,2,3-Trichlorobenzene	ND	0.0047	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Trichloroethylene	ND	0.0023	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Vinyl Chloride	ND	0.012	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
o-Xylene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:07	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	99.5		70-130				10/4/23 7:07			
Toluene-d8	96.2		70-130				10/4/23 7:07			
4-Bromofluorobenzene	97.4		70-130				10/4/23 7:07			

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Project Location: Highland Plaza	Sample Description:	Work Order: 23J0292
Date Received: 10/3/2023		
Field Sample #: SB-64-2.0-2.5	Sampled: 10/2/2023 08:58	
Sample ID: 23J0292-02		
Sample Matrix: Soil		

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.0		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-3.5-4.0

Sampled: 10/2/2023 09:00

Sample ID: 23J0292-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Bromochloromethane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Bromoform	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 7:32	MFF
2-Butanone (MEK)	ND	0.047	0.0074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
n-Butylbenzene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Carbon Disulfide	ND	0.012	0.0095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Carbon Tetrachloride	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Chlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Chloroform	ND	0.0047	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,1-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,1-Dichloroethylene	ND	0.0047	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,2-Dichloropropane	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,3-Dichloropropane	ND	0.0012	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
2,2-Dichloropropane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,1-Dichloropropene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Diethyl Ether	ND	0.024	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-3.5-4.0

Sampled: 10/2/2023 09:00

Sample ID: 23J0292-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Hexachlorobutadiene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
2-Hexanone (MBK)	ND	0.024	0.0059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Methyl Cyclohexane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Naphthalene	ND	0.012	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Styrene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Tetrachloroethylene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Toluene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,2,3-Trichlorobenzene	ND	0.0047	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Trichloroethylene	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Vinyl Chloride	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:32	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	94.6		70-130				10/4/23 7:32			
Toluene-d8	95.3		70-130				10/4/23 7:32			
4-Bromofluorobenzene	97.1		70-130				10/4/23 7:32			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-3.5-4.0

Sampled: 10/2/2023 09:00

Sample ID: 23J0292-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.5		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-5.0-5.5

Sampled: 10/2/2023 08:50

Sample ID: 23J0292-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Acrylonitrile	ND	0.0072	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Bromochloromethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Bromoform	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 7:58	MFF
2-Butanone (MEK)	ND	0.048	0.0075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
n-Butylbenzene	ND	0.0024	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Carbon Disulfide	ND	0.012	0.0096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Carbon Tetrachloride	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Chlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Chlorodibromomethane	ND	0.0012	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Chloroform	ND	0.0048	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
4-Chlorotoluene	ND	0.0024	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,1-Dichloroethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,2-Dichloroethane	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,1-Dichloroethylene	ND	0.0048	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00087	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,2-Dichloropropane	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,3-Dichloropropane	ND	0.0012	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
2,2-Dichloropropane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00073	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Diethyl Ether	ND	0.024	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-5.0-5.5

Sampled: 10/2/2023 08:50

Sample ID: 23J0292-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
2-Hexanone (MBK)	ND	0.024	0.0060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	0.00080	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Methyl Cyclohexane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0053	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Naphthalene	ND	0.012	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Styrene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Tetrahydrofuran	ND	0.012	0.0043	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Toluene	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,2,3-Trichlorobenzene	ND	0.0048	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Trichloroethylene	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Vinyl Chloride	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
m+p Xylene	ND	0.0048	0.0017	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
o-Xylene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 7:58	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	96.4		70-130				10/4/23 7:58			
Toluene-d8	95.6		70-130				10/4/23 7:58			
4-Bromofluorobenzene	98.3		70-130				10/4/23 7:58			

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-5.0-5.5

Sampled: 10/2/2023 08:50

Sample ID: 23J0292-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.1		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-6.0-6.5

Sampled: 10/2/2023 08:48

Sample ID: 23J0292-05

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Acrylonitrile	ND	0.0074	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Benzene	ND	0.0025	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Bromobenzene	ND	0.0025	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Bromochloromethane	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Bromodichloromethane	ND	0.0025	0.00065	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Bromoform	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 8:23	MFF
2-Butanone (MEK)	ND	0.049	0.0077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.049	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
n-Butylbenzene	ND	0.0025	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
sec-Butylbenzene	ND	0.0025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
tert-Butylbenzene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Carbon Disulfide	ND	0.012	0.0099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Carbon Tetrachloride	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Chlorobenzene	ND	0.0025	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Chlorodibromomethane	ND	0.0012	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Chloroethane	ND	0.025	0.0014	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Chloroform	ND	0.0049	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
2-Chlorotoluene	ND	0.0025	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
4-Chlorotoluene	ND	0.0025	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	0.00098	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Dibromomethane	ND	0.0025	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,2-Dichlorobenzene	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,3-Dichlorobenzene	ND	0.0025	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,4-Dichlorobenzene	ND	0.0025	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
trans-1,4-Dichloro-2-butene	ND	0.0049	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	0.0013	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,1-Dichloroethane	ND	0.0025	0.00085	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,2-Dichloroethane	ND	0.0025	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,1-Dichloroethylene	ND	0.0049	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
cis-1,2-Dichloroethylene	ND	0.0025	0.00079	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
trans-1,2-Dichloroethylene	ND	0.0025	0.00090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,2-Dichloropropane	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,3-Dichloropropane	ND	0.0012	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
2,2-Dichloropropane	ND	0.0025	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,1-Dichloropropene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Diethyl Ether	ND	0.025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-6.0-6.5

Sampled: 10/2/2023 08:48

Sample ID: 23J0292-05

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,4-Dioxane	ND	0.12	0.056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Ethylbenzene	ND	0.0025	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Hexachlorobutadiene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
2-Hexanone (MBK)	ND	0.025	0.0062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Isopropylbenzene (Cumene)	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Methyl Acetate	ND	0.0025	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0049	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Methyl Cyclohexane	ND	0.0025	0.00096	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Methylene Chloride	ND	0.025	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	0.0055	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Naphthalene	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
n-Propylbenzene	ND	0.0025	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Styrene	ND	0.0025	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Tetrachloroethylene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Tetrahydrofuran	ND	0.012	0.0044	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Toluene	ND	0.0025	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,2,3-Trichlorobenzene	ND	0.0049	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,2,4-Trichlorobenzene	ND	0.0025	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,3,5-Trichlorobenzene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,1,1-Trichloroethane	ND	0.0025	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,1,2-Trichloroethane	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Trichloroethylene	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00092	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,2,3-Trichloropropane	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,2,4-Trimethylbenzene	ND	0.0025	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
1,3,5-Trimethylbenzene	ND	0.0025	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Vinyl Chloride	ND	0.012	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
m+p Xylene	ND	0.0049	0.0018	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
o-Xylene	ND	0.0025	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:23	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	95.4		70-130				10/4/23 8:23			
Toluene-d8	94.4		70-130				10/4/23 8:23			
4-Bromofluorobenzene	96.0		70-130				10/4/23 8:23			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Highland Plaza	Sample Description:	Work Order: 23J0292
Date Received: 10/3/2023		
Field Sample #: SB-64-6.0-6.5	Sampled: 10/2/2023 08:48	
Sample ID: 23J0292-05		
Sample Matrix: Soil		

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.9		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-7.5-8.0

Sampled: 10/2/2023 08:45

Sample ID: 23J0292-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Acrylonitrile	ND	0.0068	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Benzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Bromobenzene	ND	0.0023	0.00052	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Bromochloromethane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Bromodichloromethane	ND	0.0023	0.00059	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Bromoform	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Bromomethane	ND	0.011	0.0020	mg/Kg dry	1	V-34	SW-846 8260D	10/4/23	10/4/23 8:49	MFF
2-Butanone (MEK)	ND	0.045	0.0071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.045	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
n-Butylbenzene	ND	0.0023	0.00074	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
tert-Butylbenzene	ND	0.0023	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Carbon Disulfide	ND	0.011	0.0090	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Carbon Tetrachloride	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Chlorobenzene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Chlorodibromomethane	ND	0.0011	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Chloroethane	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Chloroform	ND	0.0045	0.00071	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
2-Chlorotoluene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
4-Chlorotoluene	ND	0.0023	0.00051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Dibromomethane	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
trans-1,4-Dichloro-2-butene	ND	0.0045	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,1-Dichloroethane	ND	0.0023	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,2-Dichloroethane	ND	0.0023	0.00075	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,1-Dichloroethylene	ND	0.0045	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
cis-1,2-Dichloroethylene	ND	0.0023	0.00072	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00082	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,2-Dichloropropane	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,3-Dichloropropane	ND	0.0011	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
2,2-Dichloropropane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00069	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Diethyl Ether	ND	0.023	0.00093	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF

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Project Location: Highland Plaza

Sample Description:

Work Order: 23J0292

Date Received: 10/3/2023

Field Sample #: SB-64-7.5-8.0

Sampled: 10/2/2023 08:45

Sample ID: 23J0292-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00077	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,4-Dioxane	ND	0.11	0.051	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Ethylbenzene	ND	0.0023	0.00067	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Hexachlorobutadiene	ND	0.0023	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
2-Hexanone (MBK)	ND	0.023	0.0057	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Methyl Acetate	ND	0.0023	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0045	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Methyl Cyclohexane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0050	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Naphthalene	ND	0.011	0.00081	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
n-Propylbenzene	ND	0.0023	0.00054	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Styrene	ND	0.0023	0.00056	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00062	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Tetrachloroethylene	ND	0.0023	0.00095	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Tetrahydrofuran	ND	0.011	0.0040	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Toluene	ND	0.0023	0.00076	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,2,3-Trichlorobenzene	ND	0.0045	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Trichloroethylene	ND	0.0023	0.00091	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00084	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00097	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00086	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Vinyl Chloride	ND	0.011	0.00083	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
m+p Xylene	ND	0.0045	0.0016	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
o-Xylene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/4/23	10/4/23 8:49	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	98.7		70-130				10/4/23 8:49			
Toluene-d8	96.7		70-130				10/4/23 8:49			
4-Bromofluorobenzene	97.4		70-130				10/4/23 8:49			

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Project Location: Highland Plaza Sample Description: Work Order: 23J0292
Date Received: 10/3/2023
Field Sample #: SB-64-7.5-8.0 Sampled: 10/2/2023 08:45
Sample ID: 23J0292-06
Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.4		% Wt	1	H-06	SM 2540G	10/17/23	10/17/23 9:24	CCC

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (1.0-1.5)

Sampled: 10/3/2023 08:54

Sample ID: 23J0459-01

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Acrylonitrile	ND	0.0072	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00082	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Benzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Bromochloromethane	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Bromodichloromethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Bromoform	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/5/23	10/5/23 10:55	MFF
2-Butanone (MEK)	ND	0.048	0.0075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
n-Butylbenzene	ND	0.0024	0.00078	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00094	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Carbon Disulfide	ND	0.012	0.0096	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Carbon Tetrachloride	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Chlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Chlorodibromomethane	ND	0.0012	0.00076	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Chloroform	ND	0.0048	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
4-Chlorotoluene	ND	0.0024	0.00054	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00092	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Dibromomethane	ND	0.0024	0.00083	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,1-Dichloroethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,2-Dichloroethane	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,1-Dichloroethylene	ND	0.0048	0.00098	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00076	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00087	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,2-Dichloropropane	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,3-Dichloropropane	ND	0.0012	0.00059	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
2,2-Dichloropropane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Diethyl Ether	ND	0.024	0.00098	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (1.0-1.5)

Sampled: 10/3/2023 08:54

Sample ID: 23J0459-01

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00082	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,4-Dioxane	ND	0.12	0.055	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Ethylbenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
2-Hexanone (MBK)	ND	0.024	0.0060	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Methyl Cyclohexane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Methylene Chloride	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0053	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Naphthalene	ND	0.012	0.00086	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
n-Propylbenzene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Styrene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Tetrachloroethylene	0.0032	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Tetrahydrofuran	ND	0.012	0.0043	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Toluene	0.0020	0.0024	0.00081	mg/Kg dry	1	J	SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,2,3-Trichlorobenzene	ND	0.0048	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Trichloroethylene	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Vinyl Chloride	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
m+p Xylene	ND	0.0048	0.0017	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
o-Xylene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 10:55	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	91.4		70-130				10/5/23 10:55			
Toluene-d8	94.6		70-130				10/5/23 10:55			
4-Bromofluorobenzene	97.2		70-130				10/5/23 10:55			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (1.0-1.5)

Sampled: 10/3/2023 08:54

Sample ID: 23J0459-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.3		% Wt	1		SM 2540G	10/10/23	10/10/23 7:27	AV

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (2.0-2.5)

Sampled: 10/3/2023 09:10

Sample ID: 23J0459-02

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	0.012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Acrylonitrile	ND	0.0077	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	0.00087	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Benzene	ND	0.0026	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Bromobenzene	ND	0.0026	0.00059	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Bromochloromethane	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Bromodichloromethane	ND	0.0026	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Bromoform	ND	0.0026	0.00078	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Bromomethane	ND	0.013	0.0022	mg/Kg dry	1	V-34	SW-846 8260D	10/5/23	10/5/23 11:20	MFF
2-Butanone (MEK)	ND	0.051	0.0080	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
tert-Butyl Alcohol (TBA)	ND	0.13	0.050	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
n-Butylbenzene	ND	0.0026	0.00083	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
sec-Butylbenzene	ND	0.0026	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
tert-Butylbenzene	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Carbon Disulfide	ND	0.013	0.010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Carbon Tetrachloride	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Chlorobenzene	ND	0.0026	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Chlorodibromomethane	ND	0.0013	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Chloroethane	ND	0.026	0.0014	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Chloroform	ND	0.0051	0.00080	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Chloromethane	ND	0.013	0.0013	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
2-Chlorotoluene	ND	0.0026	0.00064	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
4-Chlorotoluene	ND	0.0026	0.00057	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0026	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	0.00098	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Dibromomethane	ND	0.0026	0.00088	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,2-Dichlorobenzene	ND	0.0026	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,3-Dichlorobenzene	ND	0.0026	0.00070	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,4-Dichlorobenzene	ND	0.0026	0.00077	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
trans-1,4-Dichloro-2-butene	ND	0.0051	0.00079	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.026	0.0013	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,1-Dichloroethane	ND	0.0026	0.00088	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,2-Dichloroethane	ND	0.0026	0.00085	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,1-Dichloroethylene	ND	0.0051	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
cis-1,2-Dichloroethylene	ND	0.0026	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
trans-1,2-Dichloroethylene	ND	0.0026	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,2-Dichloropropane	ND	0.0026	0.00079	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,3-Dichloropropane	ND	0.0013	0.00063	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
2,2-Dichloropropane	ND	0.0026	0.00099	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,1-Dichloropropene	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
cis-1,3-Dichloropropene	ND	0.0013	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
trans-1,3-Dichloropropene	ND	0.0013	0.00078	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Diethyl Ether	ND	0.026	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (2.0-2.5)

Sampled: 10/3/2023 09:10

Sample ID: 23J0459-02

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	0.00087	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,4-Dioxane	ND	0.13	0.058	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Ethylbenzene	ND	0.0026	0.00076	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Hexachlorobutadiene	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
2-Hexanone (MBK)	ND	0.026	0.0064	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Isopropylbenzene (Cumene)	ND	0.0026	0.00079	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0026	0.00079	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Methyl Acetate	ND	0.0026	0.0018	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0051	0.00086	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Methyl Cyclohexane	ND	0.0026	0.00099	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Methylene Chloride	ND	0.026	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.026	0.0056	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Naphthalene	ND	0.013	0.00092	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
n-Propylbenzene	ND	0.0026	0.00062	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Styrene	ND	0.0026	0.00063	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,1,1,2-Tetrachloroethane	ND	0.0026	0.00069	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	0.00070	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Tetrachloroethylene	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Tetrahydrofuran	ND	0.013	0.0046	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Toluene	ND	0.0026	0.00086	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,2,3-Trichlorobenzene	ND	0.0051	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,2,4-Trichlorobenzene	ND	0.0026	0.00077	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,3,5-Trichlorobenzene	ND	0.0026	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,1,1-Trichloroethane	ND	0.0026	0.00098	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,1,2-Trichloroethane	ND	0.0026	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Trichloroethylene	0.0012	0.0026	0.0010	mg/Kg dry	1	J	SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	0.00095	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,2,3-Trichloropropane	ND	0.0026	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,2,4-Trimethylbenzene	ND	0.0026	0.00098	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
1,3,5-Trimethylbenzene	ND	0.0026	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Vinyl Chloride	ND	0.013	0.00094	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
m+p Xylene	ND	0.0051	0.0018	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
o-Xylene	ND	0.0026	0.00071	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:20	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	95.2		70-130				10/5/23 11:20			
Toluene-d8	96.1		70-130				10/5/23 11:20			
4-Bromofluorobenzene	96.5		70-130				10/5/23 11:20			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (2.0-2.5)

Sampled: 10/3/2023 09:10

Sample ID: 23J0459-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.2		% Wt	1		SM 2540G	10/10/23	10/10/23 7:27	AV

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (3.5-4.0)

Sampled: 10/3/2023 09:17

Sample ID: 23J0459-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Acrylonitrile	ND	0.0072	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Bromochloromethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Bromoform	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/5/23	10/5/23 11:46	MFF
2-Butanone (MEK)	ND	0.048	0.0075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
n-Butylbenzene	ND	0.0024	0.00078	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00094	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Carbon Disulfide	ND	0.012	0.0096	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Carbon Tetrachloride	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Chlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Chlorodibromomethane	ND	0.0012	0.00076	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Chloroform	ND	0.0048	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
4-Chlorotoluene	ND	0.0024	0.00054	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,1-Dichloroethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,2-Dichloroethane	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,1-Dichloroethylene	ND	0.0048	0.00098	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00076	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00087	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,2-Dichloropropane	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,3-Dichloropropane	ND	0.0012	0.00059	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
2,2-Dichloropropane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Diethyl Ether	ND	0.024	0.00098	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (3.5-4.0)

Sampled: 10/3/2023 09:17

Sample ID: 23J0459-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
2-Hexanone (MBK)	ND	0.024	0.0060	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	0.00080	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Methyl Cyclohexane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0053	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Naphthalene	ND	0.012	0.00086	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Styrene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Tetrachloroethylene	0.0023	0.0024	0.0010	mg/Kg dry	1	J	SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Tetrahydrofuran	ND	0.012	0.0043	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Toluene	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,2,3-Trichlorobenzene	ND	0.0048	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Trichloroethylene	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Vinyl Chloride	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
m+p Xylene	ND	0.0048	0.0017	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
o-Xylene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 11:46	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	98.1		70-130				10/5/23 11:46			
Toluene-d8	95.2		70-130				10/5/23 11:46			
4-Bromofluorobenzene	99.1		70-130				10/5/23 11:46			

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (3.5-4.0)

Sample ID: 23J0459-03

Sampled: 10/3/2023 09:17

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.0		% Wt	1		SM 2540G	10/10/23	10/10/23 7:27	AV

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (5.0-5.5)

Sampled: 10/3/2023 09:21

Sample ID: 23J0459-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Bromochloromethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Bromoform	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/5/23	10/5/23 12:11	MFF
2-Butanone (MEK)	ND	0.047	0.0074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
n-Butylbenzene	ND	0.0024	0.00078	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Carbon Disulfide	ND	0.012	0.0095	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Carbon Tetrachloride	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Chlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Chloroform	ND	0.0047	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,1-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,1-Dichloroethylene	ND	0.0047	0.00097	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00076	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00087	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,2-Dichloropropane	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,3-Dichloropropane	ND	0.0012	0.00059	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
2,2-Dichloropropane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Diethyl Ether	ND	0.024	0.00097	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (5.0-5.5)

Sampled: 10/3/2023 09:21

Sample ID: 23J0459-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
2-Hexanone (MBK)	ND	0.024	0.0060	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00080	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Methyl Cyclohexane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0052	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Naphthalene	ND	0.012	0.00085	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Styrene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Tetrachloroethylene	0.0017	0.0024	0.0010	mg/Kg dry	1	J	SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Toluene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,2,3-Trichlorobenzene	ND	0.0047	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Trichloroethylene	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Vinyl Chloride	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:11	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	94.5		70-130				10/5/23 12:11			
Toluene-d8	95.8		70-130				10/5/23 12:11			
4-Bromofluorobenzene	98.4		70-130				10/5/23 12:11			

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (5.0-5.5)

Sampled: 10/3/2023 09:21

Sample ID: 23J0459-04

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.9		% Wt	1		SM 2540G	10/10/23	10/10/23 7:27	AV

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (6.0-6.5)

Sampled: 10/3/2023 09:24

Sample ID: 23J0459-05

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Bromochloromethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Bromoform	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1	V-34	SW-846 8260D	10/5/23	10/5/23 12:37	MFF
2-Butanone (MEK)	ND	0.047	0.0074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
n-Butylbenzene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Carbon Disulfide	ND	0.012	0.0095	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Carbon Tetrachloride	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Chlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Chloroform	ND	0.0047	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,1-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,1-Dichloroethylene	ND	0.0047	0.00097	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00086	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,2-Dichloropropane	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,3-Dichloropropane	ND	0.0012	0.00058	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
2,2-Dichloropropane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Diethyl Ether	ND	0.024	0.00097	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (6.0-6.5)

Sampled: 10/3/2023 09:24

Sample ID: 23J0459-05

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Hexachlorobutadiene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
2-Hexanone (MBK)	ND	0.024	0.0060	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00080	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Methyl Cyclohexane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0052	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Naphthalene	ND	0.012	0.00085	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Styrene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Tetrachloroethylene	0.0040	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Toluene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,2,3-Trichlorobenzene	ND	0.0047	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Trichloroethylene	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Vinyl Chloride	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 12:37	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	88.5		70-130				10/5/23 12:37			
Toluene-d8	96.0		70-130				10/5/23 12:37			
4-Bromofluorobenzene	97.8		70-130				10/5/23 12:37			

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (6.0-6.5)

Sampled: 10/3/2023 09:24

Sample ID: 23J0459-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)									
Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.6		% Wt	1		SM 2540G	10/10/23	10/10/23 7:27	AV

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (7.5-8.0)

Sampled: 10/3/2023 09:26

Sample ID: 23J0459-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Acrylonitrile	ND	0.0071	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Bromochloromethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Bromoform	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Bromomethane	ND	0.012	0.0020	mg/Kg dry	1	V-34	SW-846 8260D	10/5/23	10/5/23 13:02	MFF
2-Butanone (MEK)	ND	0.047	0.0074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
n-Butylbenzene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Carbon Disulfide	ND	0.012	0.0095	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Carbon Tetrachloride	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Chlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Chlorodibromomethane	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Chloroform	ND	0.0047	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
4-Chlorotoluene	ND	0.0024	0.00053	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
trans-1,4-Dichloro-2-butene	ND	0.0047	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,1-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,2-Dichloroethane	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,1-Dichloroethylene	ND	0.0047	0.00097	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00086	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,2-Dichloropropane	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,3-Dichloropropane	ND	0.0012	0.00058	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
2,2-Dichloropropane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,1-Dichloropropene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Diethyl Ether	ND	0.024	0.00097	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (7.5-8.0)

Sampled: 10/3/2023 09:26

Sample ID: 23J0459-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Hexachlorobutadiene	ND	0.0024	0.00099	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
2-Hexanone (MBK)	ND	0.024	0.0059	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0047	0.00080	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Methyl Cyclohexane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0052	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Naphthalene	ND	0.012	0.00085	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Styrene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00065	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Tetrachloroethylene	0.0050	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Tetrahydrofuran	ND	0.012	0.0042	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Toluene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,2,3-Trichlorobenzene	ND	0.0047	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Trichloroethylene	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00090	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Vinyl Chloride	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
m+p Xylene	ND	0.0047	0.0017	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
o-Xylene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:02	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	92.2		70-130				10/5/23 13:02			
Toluene-d8	95.5		70-130				10/5/23 13:02			
4-Bromofluorobenzene	97.8		70-130				10/5/23 13:02			

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (7.5-8.0)

Sampled: 10/3/2023 09:26

Sample ID: 23J0459-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.8		% Wt	1		SM 2540G	10/10/23	10/10/23 7:27	AV

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (14.5-15.0)

Sampled: 10/3/2023 09:55

Sample ID: 23J0459-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Acrylonitrile	ND	0.0073	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00083	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Benzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Bromobenzene	ND	0.0024	0.00056	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Bromochloromethane	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Bromodichloromethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Bromoform	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/5/23	10/5/23 13:28	MFF
2-Butanone (MEK)	ND	0.048	0.0076	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.048	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
n-Butylbenzene	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00095	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Carbon Disulfide	ND	0.012	0.0097	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Carbon Tetrachloride	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Chlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Chlorodibromomethane	ND	0.0012	0.00077	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Chloroform	ND	0.0048	0.00076	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
2-Chlorotoluene	ND	0.0024	0.00061	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
4-Chlorotoluene	ND	0.0024	0.00054	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Dibromomethane	ND	0.0024	0.00084	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,1-Dichloroethane	ND	0.0024	0.00083	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,2-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,1-Dichloroethylene	ND	0.0048	0.00099	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00088	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,2-Dichloropropane	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,3-Dichloropropane	ND	0.0012	0.00060	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
2,2-Dichloropropane	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Diethyl Ether	ND	0.024	0.00099	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (14.5-15.0)

Sampled: 10/3/2023 09:55

Sample ID: 23J0459-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00082	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,4-Dioxane	ND	0.12	0.055	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Ethylbenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
2-Hexanone (MBK)	ND	0.024	0.0061	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Methyl Cyclohexane	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Methylene Chloride	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0053	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Naphthalene	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
n-Propylbenzene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Styrene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Tetrahydrofuran	ND	0.012	0.0043	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Toluene	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,2,3-Trichlorobenzene	ND	0.0048	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Trichloroethylene	ND	0.0024	0.00097	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00090	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Vinyl Chloride	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
m+p Xylene	ND	0.0048	0.0017	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
o-Xylene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:28	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	94.3		70-130				10/5/23 13:28			
Toluene-d8	95.3		70-130				10/5/23 13:28			
4-Bromofluorobenzene	97.8		70-130				10/5/23 13:28			

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Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (14.5-15.0)

Sampled: 10/3/2023 09:55

Sample ID: 23J0459-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.7		% Wt	1		SM 2540G	10/10/23	10/10/23 7:27	AV

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (23.5-24.0)

Sampled: 10/3/2023 10:30

Sample ID: 23J0459-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.0099	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Acrylonitrile	ND	0.0066	0.00098	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Benzene	ND	0.0022	0.00064	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Bromobenzene	ND	0.0022	0.00051	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Bromochloromethane	ND	0.0022	0.00086	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Bromodichloromethane	ND	0.0022	0.00057	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Bromoform	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Bromomethane	ND	0.011	0.0019	mg/Kg dry	1	V-34	SW-846 8260D	10/5/23	10/5/23 13:53	MFF
2-Butanone (MEK)	ND	0.044	0.0069	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.043	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
n-Butylbenzene	ND	0.0022	0.00072	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
sec-Butylbenzene	ND	0.0022	0.0010	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
tert-Butylbenzene	ND	0.0022	0.00094	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00086	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Carbon Disulfide	ND	0.011	0.0088	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Carbon Tetrachloride	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Chlorobenzene	ND	0.0022	0.00062	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Chlorodibromomethane	ND	0.0011	0.00070	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Chloroethane	ND	0.022	0.0012	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Chloroform	ND	0.0044	0.00069	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
2-Chlorotoluene	ND	0.0022	0.00055	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
4-Chlorotoluene	ND	0.0022	0.00049	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0022	0.00087	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00084	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Dibromomethane	ND	0.0022	0.00076	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,2-Dichlorobenzene	ND	0.0022	0.00058	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,3-Dichlorobenzene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,4-Dichlorobenzene	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
trans-1,4-Dichloro-2-butene	ND	0.0044	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,1-Dichloroethane	ND	0.0022	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,2-Dichloroethane	ND	0.0022	0.00073	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,1-Dichloroethylene	ND	0.0044	0.00090	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
cis-1,2-Dichloroethylene	ND	0.0022	0.00070	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
trans-1,2-Dichloroethylene	ND	0.0022	0.00080	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,2-Dichloropropane	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,3-Dichloropropane	ND	0.0011	0.00054	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
2,2-Dichloropropane	ND	0.0022	0.00086	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,1-Dichloropropene	ND	0.0022	0.00097	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00062	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Diethyl Ether	ND	0.022	0.00090	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (23.5-24.0)

Sampled: 10/3/2023 10:30

Sample ID: 23J0459-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00075	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,4-Dioxane	ND	0.11	0.050	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Ethylbenzene	ND	0.0022	0.00066	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Hexachlorobutadiene	ND	0.0022	0.00092	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
2-Hexanone (MBK)	ND	0.022	0.0055	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Isopropylbenzene (Cumene)	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0022	0.00068	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Methyl Acetate	ND	0.0022	0.0016	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0044	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Methyl Cyclohexane	ND	0.0022	0.00085	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Methylene Chloride	ND	0.022	0.0011	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.022	0.0049	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Naphthalene	ND	0.011	0.00079	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
n-Propylbenzene	ND	0.0022	0.00053	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Styrene	ND	0.0022	0.00054	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,1,1,2-Tetrachloroethane	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00061	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Tetrachloroethylene	ND	0.0022	0.00092	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Tetrahydrofuran	ND	0.011	0.0039	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Toluene	ND	0.0022	0.00074	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,2,3-Trichlorobenzene	ND	0.0044	0.00062	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,2,4-Trichlorobenzene	ND	0.0022	0.00067	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,3,5-Trichlorobenzene	ND	0.0022	0.00063	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,1,1-Trichloroethane	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,1,2-Trichloroethane	ND	0.0022	0.00059	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Trichloroethylene	ND	0.0022	0.00088	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00082	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,2,3-Trichloropropane	ND	0.0022	0.00097	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00095	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,2,4-Trimethylbenzene	ND	0.0022	0.00084	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
1,3,5-Trimethylbenzene	ND	0.0022	0.00064	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Vinyl Chloride	ND	0.011	0.00081	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
m+p Xylene	ND	0.0044	0.0016	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
o-Xylene	ND	0.0022	0.00061	mg/Kg dry	1		SW-846 8260D	10/5/23	10/5/23 13:53	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	91.9		70-130				10/5/23 13:53			
Toluene-d8	94.3		70-130				10/5/23 13:53			
4-Bromofluorobenzene	97.8		70-130				10/5/23 13:53			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 Highland Parkway, Tonawand

Sample Description:

Work Order: 23J0459

Date Received: 10/4/2023

Field Sample #: MW-5R (23.5-24.0)

Sampled: 10/3/2023 10:30

Sample ID: 23J0459-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	85.8		% Wt	1		SM 2540G	10/10/23	10/10/23 7:27	AV

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(1.0-1.5)

Sampled: 10/4/2023 08:25

Sample ID: 23J0841-01

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Acrylonitrile	ND	0.0068	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00078	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Benzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Bromobenzene	ND	0.0023	0.00053	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Bromochloromethane	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Bromodichloromethane	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Bromoform	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Bromomethane	ND	0.011	0.0020	mg/Kg dry	1	V-34	SW-846 8260D	10/6/23	10/6/23 14:08	MFF
2-Butanone (MEK)	ND	0.046	0.0071	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.045	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
n-Butylbenzene	ND	0.0023	0.00074	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
tert-Butylbenzene	ND	0.0023	0.00098	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00090	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Carbon Disulfide	ND	0.011	0.0091	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Carbon Tetrachloride	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Chlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Chlorodibromomethane	ND	0.0011	0.00072	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Chloroethane	ND	0.023	0.0013	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Chloroform	ND	0.0046	0.00071	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
2-Chlorotoluene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
4-Chlorotoluene	ND	0.0023	0.00051	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00087	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Dibromomethane	ND	0.0023	0.00079	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	0.00071	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,1-Dichloroethane	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,2-Dichloroethane	ND	0.0023	0.00076	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,1-Dichloroethylene	ND	0.0046	0.00094	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
cis-1,2-Dichloroethylene	ND	0.0023	0.00073	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00083	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,2-Dichloropropane	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,3-Dichloropropane	ND	0.0011	0.00056	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
2,2-Dichloropropane	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00064	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00070	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Diethyl Ether	ND	0.023	0.00094	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(1.0-1.5)

Sampled: 10/4/2023 08:25

Sample ID: 23J0841-01

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00078	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,4-Dioxane	ND	0.11	0.052	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Ethylbenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Hexachlorobutadiene	ND	0.0023	0.00096	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
2-Hexanone (MBK)	ND	0.023	0.0057	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Methyl Acetate	ND	0.0023	0.0016	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	0.00077	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Methyl Cyclohexane	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0050	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Naphthalene	ND	0.011	0.00082	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
n-Propylbenzene	ND	0.0023	0.00055	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Styrene	ND	0.0023	0.00056	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00063	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Tetrachloroethylene	ND	0.0023	0.00096	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Tetrahydrofuran	ND	0.011	0.0041	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Toluene	ND	0.0023	0.00077	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,2,3-Trichlorobenzene	ND	0.0046	0.00065	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00087	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Trichloroethylene	ND	0.0023	0.00092	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00085	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00098	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00087	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Vinyl Chloride	ND	0.011	0.00084	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
m+p Xylene	ND	0.0046	0.0016	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
o-Xylene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:08	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	84.8		70-130				10/6/23 14:08			
Toluene-d8	95.5		70-130				10/6/23 14:08			
4-Bromofluorobenzene	95.6		70-130				10/6/23 14:08			

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Project Location: 215 HIGHLAND PKWY, TONAW Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(1.0-1.5)

Sampled: 10/4/2023 08:25

Sample ID: 23J0841-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	92.3		% Wt	1		SM 2540G	10/11/23	10/11/23 11:45	AV

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(2.0-2.5)

Sampled: 10/4/2023 08:33

Sample ID: 23J0841-02

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Acrylonitrile	ND	0.0072	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Benzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Bromobenzene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Bromochloromethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Bromodichloromethane	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Bromoform	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/6/23	10/6/23 14:33	MFF
2-Butanone (MEK)	ND	0.048	0.0075	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.047	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
n-Butylbenzene	ND	0.0024	0.00078	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00094	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Carbon Disulfide	ND	0.012	0.0096	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Carbon Tetrachloride	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Chlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Chlorodibromomethane	ND	0.0012	0.00076	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Chloroform	ND	0.0048	0.00075	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
2-Chlorotoluene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
4-Chlorotoluene	ND	0.0024	0.00054	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00091	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Dibromomethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	0.00074	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,1-Dichloroethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,2-Dichloroethane	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,1-Dichloroethylene	ND	0.0048	0.00098	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00076	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00087	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,2-Dichloropropane	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,3-Dichloropropane	ND	0.0012	0.00059	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
2,2-Dichloropropane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00073	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Diethyl Ether	ND	0.024	0.00098	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(2.0-2.5)

Sampled: 10/4/2023 08:33

Sample ID: 23J0841-02

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00081	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,4-Dioxane	ND	0.12	0.054	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Ethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
2-Hexanone (MBK)	ND	0.024	0.0060	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	0.00080	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Methyl Cyclohexane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Methylene Chloride	ND	0.024	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0053	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Naphthalene	ND	0.012	0.00086	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
n-Propylbenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Styrene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Tetrahydrofuran	ND	0.012	0.0043	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Toluene	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,2,3-Trichlorobenzene	ND	0.0048	0.00067	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Trichloroethylene	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00091	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Vinyl Chloride	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
m+p Xylene	ND	0.0048	0.0017	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
o-Xylene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:33	MFF
Surrogates	% Recovery	Recovery Limits		Flag/Qual						
1,2-Dichloroethane-d4	89.3	70-130				10/6/23 14:33				
Toluene-d8	95.1	70-130				10/6/23 14:33				
4-Bromofluorobenzene	96.3	70-130				10/6/23 14:33				

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Project Location: 215 HIGHLAND PKWY, TONAW Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(2.0-2.5)

Sampled: 10/4/2023 08:33

Sample ID: 23J0841-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	89.0		% Wt	1		SM 2540G	10/11/23	10/11/23 11:45	AV

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(3.5-4.0)

Sampled: 10/4/2023 08:33

Sample ID: 23J0841-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Acrylonitrile	ND	0.0072	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00082	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Benzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Bromobenzene	ND	0.0024	0.00056	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Bromochloromethane	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Bromodichloromethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Bromoform	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/6/23	10/6/23 14:59	MFF
2-Butanone (MEK)	ND	0.048	0.0075	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.048	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
n-Butylbenzene	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00095	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Carbon Disulfide	ND	0.012	0.0097	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Carbon Tetrachloride	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Chlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Chlorodibromomethane	ND	0.0012	0.00076	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Chloroform	ND	0.0048	0.00075	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
2-Chlorotoluene	ND	0.0024	0.00061	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
4-Chlorotoluene	ND	0.0024	0.00054	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00092	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Dibromomethane	ND	0.0024	0.00083	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	0.00075	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,1-Dichloroethane	ND	0.0024	0.00083	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,2-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,1-Dichloroethylene	ND	0.0048	0.00099	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00088	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,2-Dichloropropane	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,3-Dichloropropane	ND	0.0012	0.00059	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
2,2-Dichloropropane	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00068	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00074	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Diethyl Ether	ND	0.024	0.00099	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(3.5-4.0)

Sampled: 10/4/2023 08:33

Sample ID: 23J0841-03

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00082	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,4-Dioxane	ND	0.12	0.055	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Ethylbenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
2-Hexanone (MBK)	ND	0.024	0.0061	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	0.00081	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Methyl Cyclohexane	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Methylene Chloride	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0053	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Naphthalene	ND	0.012	0.00087	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
n-Propylbenzene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Styrene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00066	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Tetrahydrofuran	ND	0.012	0.0043	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Toluene	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,2,3-Trichlorobenzene	ND	0.0048	0.00068	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Trichloroethylene	ND	0.0024	0.00097	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00090	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Vinyl Chloride	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
m+p Xylene	ND	0.0048	0.0017	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
o-Xylene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 14:59	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	90.4		70-130				10/6/23 14:59			
Toluene-d8	96.4		70-130				10/6/23 14:59			
4-Bromofluorobenzene	97.3		70-130				10/6/23 14:59			

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Project Location: 215 HIGHLAND PKWY, TONAW Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(3.5-4.0)

Sampled: 10/4/2023 08:33

Sample ID: 23J0841-03

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.2		% Wt	1		SM 2540G	10/11/23	10/11/23 11:45	AV

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(5.0-5.5)

Sampled: 10/4/2023 08:50

Sample ID: 23J0841-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Acrylonitrile	ND	0.0073	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00083	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Benzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Bromobenzene	ND	0.0024	0.00057	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Bromochloromethane	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Bromodichloromethane	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Bromoform	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/6/23	10/6/23 15:24	MFF
2-Butanone (MEK)	ND	0.049	0.0076	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.048	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
n-Butylbenzene	ND	0.0024	0.00080	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
sec-Butylbenzene	ND	0.0024	0.0012	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00096	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Carbon Disulfide	ND	0.012	0.0098	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Carbon Tetrachloride	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Chlorobenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Chlorodibromomethane	ND	0.0012	0.00077	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Chloroform	ND	0.0049	0.00076	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
2-Chlorotoluene	ND	0.0024	0.00062	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
4-Chlorotoluene	ND	0.0024	0.00055	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00097	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Dibromomethane	ND	0.0024	0.00084	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
trans-1,4-Dichloro-2-butene	ND	0.0049	0.00076	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,1-Dichloroethane	ND	0.0024	0.00084	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,2-Dichloroethane	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,1-Dichloroethylene	ND	0.0049	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00078	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00089	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,2-Dichloropropane	ND	0.0024	0.00076	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,3-Dichloropropane	ND	0.0012	0.00060	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
2,2-Dichloropropane	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00069	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00075	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Diethyl Ether	ND	0.024	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF

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Project Location: 215 HIGHLAND PKWY, TONAW Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(5.0-5.5)

Sampled: 10/4/2023 08:50

Sample ID: 23J0841-04

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00083	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,4-Dioxane	ND	0.12	0.056	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Ethylbenzene	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
2-Hexanone (MBK)	ND	0.024	0.0061	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00076	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00076	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Methyl Acetate	ND	0.0024	0.0018	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0049	0.00082	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Methyl Cyclohexane	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Methylene Chloride	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0054	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Naphthalene	ND	0.012	0.00088	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
n-Propylbenzene	ND	0.0024	0.00059	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Styrene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00066	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Tetrahydrofuran	ND	0.012	0.0044	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Toluene	ND	0.0024	0.00083	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,2,3-Trichlorobenzene	ND	0.0049	0.00069	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Trichloroethylene	ND	0.0024	0.00098	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00091	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0011	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Vinyl Chloride	ND	0.012	0.00090	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
m+p Xylene	ND	0.0049	0.0017	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
o-Xylene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/6/23	10/6/23 15:24	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	88.8		70-130				10/6/23 15:24			
Toluene-d8	94.9		70-130				10/6/23 15:24			
4-Bromofluorobenzene	97.1		70-130				10/6/23 15:24			

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Project Location: 215 HIGHLAND PKWY, TONAW Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(5.0-5.5)

Sampled: 10/4/2023 08:50

Sample ID: 23J0841-04Sample Matrix: Soil**Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)**

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	88.0		% Wt	1		SM 2540G	10/11/23	10/11/23 11:45	AV

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(6.0-6.5)

Sampled: 10/4/2023 09:00

Sample ID: 23J0841-05

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Acrylonitrile	ND	0.0073	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00083	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Benzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Bromobenzene	ND	0.0024	0.00056	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Bromochloromethane	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Bromodichloromethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Bromoform	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/7/23	10/7/23 6:57	MFF
2-Butanone (MEK)	ND	0.049	0.0076	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.048	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
n-Butylbenzene	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00095	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Carbon Disulfide	ND	0.012	0.0097	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Carbon Tetrachloride	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Chlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Chlorodibromomethane	ND	0.0012	0.00077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Chloroform	ND	0.0049	0.00076	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
2-Chlorotoluene	ND	0.0024	0.00061	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
4-Chlorotoluene	ND	0.0024	0.00054	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Dibromomethane	ND	0.0024	0.00084	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
trans-1,4-Dichloro-2-butene	ND	0.0049	0.00075	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,1-Dichloroethane	ND	0.0024	0.00083	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,2-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,1-Dichloroethylene	ND	0.0049	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00088	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,2-Dichloropropane	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,3-Dichloropropane	ND	0.0012	0.00060	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
2,2-Dichloropropane	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00068	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00074	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Diethyl Ether	ND	0.024	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(6.0-6.5)

Sampled: 10/4/2023 09:00

Sample ID: 23J0841-05

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00083	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,4-Dioxane	ND	0.12	0.055	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Ethylbenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
2-Hexanone (MBK)	ND	0.024	0.0061	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0049	0.00082	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Methyl Cyclohexane	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Methylene Chloride	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0054	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Naphthalene	ND	0.0049	0.00087	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
n-Propylbenzene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Styrene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Tetrahydrofuran	ND	0.012	0.0043	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Toluene	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,2,3-Trichlorobenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Trichloroethylene	ND	0.0024	0.00098	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00091	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00071	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Vinyl Chloride	ND	0.012	0.00090	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
m+p Xylene	ND	0.0049	0.0017	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
o-Xylene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 6:57	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	91.6		70-130				10/7/23 6:57			
Toluene-d8	96.1		70-130				10/7/23 6:57			
4-Bromofluorobenzene	97.9		70-130				10/7/23 6:57			

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Project Location: 215 HIGHLAND PKWY, TONAW Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(6.0-6.5)

Sampled: 10/4/2023 09:00

Sample ID: 23J0841-05

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.7		% Wt	1		SM 2540G	10/11/23	10/11/23 11:45	AV

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(7.5-8.0)

Sampled: 10/4/2023 09:00

Sample ID: 23J0841-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.12	0.011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Acrylonitrile	ND	0.0073	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0012	0.00083	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Benzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Bromobenzene	ND	0.0024	0.00056	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Bromochloromethane	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Bromodichloromethane	ND	0.0024	0.00063	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Bromoform	ND	0.0024	0.00074	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Bromomethane	ND	0.012	0.0021	mg/Kg dry	1	V-34	SW-846 8260D	10/7/23	10/7/23 7:22	MFF
2-Butanone (MEK)	ND	0.048	0.0076	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
tert-Butyl Alcohol (TBA)	ND	0.12	0.048	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
n-Butylbenzene	ND	0.0024	0.00079	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
sec-Butylbenzene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
tert-Butylbenzene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0012	0.00095	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Carbon Disulfide	ND	0.012	0.0097	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Carbon Tetrachloride	ND	0.0024	0.00095	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Chlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Chlorodibromomethane	ND	0.0012	0.00077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Chloroethane	ND	0.024	0.0013	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Chloroform	ND	0.0048	0.00076	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Chloromethane	ND	0.012	0.0012	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
2-Chlorotoluene	ND	0.0024	0.00061	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
4-Chlorotoluene	ND	0.0024	0.00054	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0024	0.00096	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,2-Dibromoethane (EDB)	ND	0.0012	0.00093	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Dibromomethane	ND	0.0024	0.00084	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,2-Dichlorobenzene	ND	0.0024	0.00064	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,3-Dichlorobenzene	ND	0.0024	0.00067	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,4-Dichlorobenzene	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
trans-1,4-Dichloro-2-butene	ND	0.0048	0.00075	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,1-Dichloroethane	ND	0.0024	0.00083	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,2-Dichloroethane	ND	0.0024	0.00081	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,1-Dichloroethylene	ND	0.0048	0.00099	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
cis-1,2-Dichloroethylene	ND	0.0024	0.00077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
trans-1,2-Dichloroethylene	ND	0.0024	0.00088	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,2-Dichloropropane	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,3-Dichloropropane	ND	0.0012	0.00060	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
2,2-Dichloropropane	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,1-Dichloropropene	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
cis-1,3-Dichloropropene	ND	0.0012	0.00068	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
trans-1,3-Dichloropropene	ND	0.0012	0.00074	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Diethyl Ether	ND	0.024	0.00099	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(7.5-8.0)

Sampled: 10/4/2023 09:00

Sample ID: 23J0841-06

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0012	0.00082	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,4-Dioxane	ND	0.12	0.055	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Ethylbenzene	ND	0.0024	0.00072	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Hexachlorobutadiene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
2-Hexanone (MBK)	ND	0.024	0.0061	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Isopropylbenzene (Cumene)	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0024	0.00075	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Methyl Acetate	ND	0.0024	0.0017	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0048	0.00081	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Methyl Cyclohexane	ND	0.0024	0.00094	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Methylene Chloride	ND	0.024	0.0012	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.024	0.0053	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Naphthalene	ND	0.0048	0.00087	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
n-Propylbenzene	ND	0.0024	0.00058	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Styrene	ND	0.0024	0.00060	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,1,1,2-Tetrachloroethane	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,1,2,2-Tetrachloroethane	ND	0.0012	0.00067	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Tetrachloroethylene	ND	0.0024	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Tetrahydrofuran	ND	0.012	0.0043	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Toluene	ND	0.0024	0.00082	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,2,3-Trichlorobenzene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,2,4-Trichlorobenzene	ND	0.0024	0.00073	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,3,5-Trichlorobenzene	ND	0.0024	0.00069	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,1,1-Trichloroethane	ND	0.0024	0.00093	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,1,2-Trichloroethane	ND	0.0024	0.00065	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Trichloroethylene	ND	0.0024	0.00097	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Trichlorofluoromethane (Freon 11)	ND	0.012	0.00090	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,2,3-Trichloropropane	ND	0.0024	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.012	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,2,4-Trimethylbenzene	ND	0.0024	0.00092	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
1,3,5-Trimethylbenzene	ND	0.0024	0.00070	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Vinyl Chloride	ND	0.012	0.00089	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
m+p Xylene	ND	0.0048	0.0017	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
o-Xylene	ND	0.0024	0.00068	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:22	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	93.1		70-130				10/7/23 7:22			
Toluene-d8	96.9		70-130				10/7/23 7:22			
4-Bromofluorobenzene	101		70-130				10/7/23 7:22			

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Project Location: 215 HIGHLAND PKWY, TONAW Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(7.5-8.0)

Sampled: 10/4/2023 09:00

Sample ID: 23J0841-06

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	87.7		% Wt	1		SM 2540G	10/11/23	10/11/23 11:45	AV

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(14.5-15.0)

Sampled: 10/4/2023 09:40

Sample ID: 23J0841-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.11	0.010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Acrylonitrile	ND	0.0068	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0011	0.00078	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Benzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Bromobenzene	ND	0.0023	0.00053	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Bromochloromethane	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Bromodichloromethane	ND	0.0023	0.00059	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Bromoform	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Bromomethane	ND	0.011	0.0020	mg/Kg dry	1	V-34	SW-846 8260D	10/7/23	10/7/23 7:48	MFF
2-Butanone (MEK)	ND	0.046	0.0071	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
tert-Butyl Alcohol (TBA)	ND	0.11	0.045	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
n-Butylbenzene	ND	0.0023	0.00074	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
sec-Butylbenzene	ND	0.0023	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
tert-Butylbenzene	ND	0.0023	0.00098	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0011	0.00089	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Carbon Disulfide	ND	0.011	0.0091	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Carbon Tetrachloride	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Chlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Chlorodibromomethane	ND	0.0011	0.00072	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Chloroethane	ND	0.023	0.0013	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Chloroform	ND	0.0046	0.00071	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Chloromethane	ND	0.011	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
2-Chlorotoluene	ND	0.0023	0.00057	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
4-Chlorotoluene	ND	0.0023	0.00051	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0023	0.00090	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,2-Dibromoethane (EDB)	ND	0.0011	0.00087	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Dibromomethane	ND	0.0023	0.00079	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,2-Dichlorobenzene	ND	0.0023	0.00060	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,3-Dichlorobenzene	ND	0.0023	0.00063	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,4-Dichlorobenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
trans-1,4-Dichloro-2-butene	ND	0.0046	0.00070	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.023	0.0012	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,1-Dichloroethane	ND	0.0023	0.00078	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,2-Dichloroethane	ND	0.0023	0.00076	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,1-Dichloroethylene	ND	0.0046	0.00093	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
cis-1,2-Dichloroethylene	ND	0.0023	0.00073	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
trans-1,2-Dichloroethylene	ND	0.0023	0.00083	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,2-Dichloropropane	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,3-Dichloropropane	ND	0.0011	0.00056	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
2,2-Dichloropropane	ND	0.0023	0.00089	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,1-Dichloropropene	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
cis-1,3-Dichloropropene	ND	0.0011	0.00064	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
trans-1,3-Dichloropropene	ND	0.0011	0.00069	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Diethyl Ether	ND	0.023	0.00093	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(14.5-15.0)

Sampled: 10/4/2023 09:40

Sample ID: 23J0841-07

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0011	0.00078	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,4-Dioxane	ND	0.11	0.052	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Ethylbenzene	ND	0.0023	0.00068	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Hexachlorobutadiene	ND	0.0023	0.00096	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
2-Hexanone (MBK)	ND	0.023	0.0057	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Isopropylbenzene (Cumene)	ND	0.0023	0.00071	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0023	0.00070	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Methyl Acetate	ND	0.0023	0.0016	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0046	0.00077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Methyl Cyclohexane	ND	0.0023	0.00088	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Methylene Chloride	ND	0.023	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.023	0.0050	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Naphthalene	ND	0.0046	0.00082	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
n-Propylbenzene	ND	0.0023	0.00055	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Styrene	ND	0.0023	0.00056	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,1,1,2-Tetrachloroethane	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,1,2,2-Tetrachloroethane	ND	0.0011	0.00063	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Tetrachloroethylene	ND	0.0023	0.00096	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Tetrahydrofuran	ND	0.011	0.0041	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Toluene	ND	0.0023	0.00077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,2,3-Trichlorobenzene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,2,4-Trichlorobenzene	ND	0.0023	0.00069	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,3,5-Trichlorobenzene	ND	0.0023	0.00065	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,1,1-Trichloroethane	ND	0.0023	0.00087	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,1,2-Trichloroethane	ND	0.0023	0.00061	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Trichloroethylene	ND	0.0023	0.00092	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Trichlorofluoromethane (Freon 11)	ND	0.011	0.00085	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,2,3-Trichloropropane	ND	0.0023	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.011	0.00098	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,2,4-Trimethylbenzene	ND	0.0023	0.00087	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
1,3,5-Trimethylbenzene	ND	0.0023	0.00066	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Vinyl Chloride	ND	0.011	0.00084	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
m+p Xylene	ND	0.0046	0.0016	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
o-Xylene	ND	0.0023	0.00064	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 7:48	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	93.8		70-130				10/7/23 7:48			
Toluene-d8	94.1		70-130				10/7/23 7:48			
4-Bromofluorobenzene	97.8		70-130				10/7/23 7:48			

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Project Location: 215 HIGHLAND PKWY, TONAW Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(14.5-15.0)

Sampled: 10/4/2023 09:40

Sample ID: 23J0841-07

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	86.3		% Wt	1		SM 2540G	10/11/23	10/11/23 11:45	AV

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Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(23.5-24.0)

Sampled: 10/4/2023 10:15

Sample ID: 23J0841-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.13	0.011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Acrylonitrile	ND	0.0076	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.0013	0.00087	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Benzene	ND	0.0025	0.00074	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Bromobenzene	ND	0.0025	0.00059	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Bromochloromethane	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Bromodichloromethane	ND	0.0025	0.00066	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Bromoform	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Bromomethane	ND	0.013	0.0022	mg/Kg dry	1	V-34	SW-846 8260D	10/7/23	10/7/23 8:14	MFF
2-Butanone (MEK)	ND	0.051	0.0079	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
tert-Butyl Alcohol (TBA)	ND	0.13	0.050	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
n-Butylbenzene	ND	0.0025	0.00083	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
sec-Butylbenzene	ND	0.0025	0.0012	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
tert-Butylbenzene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.0013	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Carbon Disulfide	ND	0.013	0.010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Carbon Tetrachloride	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Chlorobenzene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Chlorodibromomethane	ND	0.0013	0.00080	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Chloroethane	ND	0.025	0.0014	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Chloroform	ND	0.0051	0.00079	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Chloromethane	ND	0.013	0.0013	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
2-Chlorotoluene	ND	0.0025	0.00064	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
4-Chlorotoluene	ND	0.0025	0.00057	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,2-Dibromoethane (EDB)	ND	0.0013	0.00097	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Dibromomethane	ND	0.0025	0.00088	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,2-Dichlorobenzene	ND	0.0025	0.00067	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,3-Dichlorobenzene	ND	0.0025	0.00070	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,4-Dichlorobenzene	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
trans-1,4-Dichloro-2-butene	ND	0.0051	0.00078	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.025	0.0013	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,1-Dichloroethane	ND	0.0025	0.00087	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,2-Dichloroethane	ND	0.0025	0.00085	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,1-Dichloroethylene	ND	0.0051	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
cis-1,2-Dichloroethylene	ND	0.0025	0.00081	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
trans-1,2-Dichloroethylene	ND	0.0025	0.00092	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,2-Dichloropropane	ND	0.0025	0.00079	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,3-Dichloropropane	ND	0.0013	0.00062	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
2,2-Dichloropropane	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,1-Dichloropropene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
cis-1,3-Dichloropropene	ND	0.0013	0.00071	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
trans-1,3-Dichloropropene	ND	0.0013	0.00077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Diethyl Ether	ND	0.025	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 HIGHLAND PKWY, TONAW

Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(23.5-24.0)

Sampled: 10/4/2023 10:15

Sample ID: 23J0841-08

Sample Matrix: Soil

Sample Flags: PR-03, PR-15

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	DL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Diisopropyl Ether (DIPE)	ND	0.0013	0.00086	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,4-Dioxane	ND	0.13	0.058	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Ethylbenzene	ND	0.0025	0.00076	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Hexachlorobutadiene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
2-Hexanone (MBK)	ND	0.025	0.0064	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Isopropylbenzene (Cumene)	ND	0.0025	0.00079	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0025	0.00078	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Methyl Acetate	ND	0.0025	0.0018	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0051	0.00085	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Methyl Cyclohexane	ND	0.0025	0.00099	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Methylene Chloride	ND	0.025	0.0012	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.025	0.0056	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Naphthalene	ND	0.0051	0.00091	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
n-Propylbenzene	ND	0.0025	0.00061	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Styrene	ND	0.0025	0.00063	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,1,1,2-Tetrachloroethane	ND	0.0025	0.00068	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,1,2,2-Tetrachloroethane	ND	0.0013	0.00070	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Tetrachloroethylene	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Tetrahydrofuran	ND	0.013	0.0045	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Toluene	ND	0.0025	0.00086	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,2,3-Trichlorobenzene	ND	0.0025	0.00072	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,2,4-Trichlorobenzene	ND	0.0025	0.00077	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,3,5-Trichlorobenzene	ND	0.0025	0.00072	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,1,1-Trichloroethane	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,1,2-Trichloroethane	ND	0.0025	0.00068	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Trichloroethylene	ND	0.0025	0.0010	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Trichlorofluoromethane (Freon 11)	ND	0.013	0.00095	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,2,3-Trichloropropane	ND	0.0025	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.013	0.0011	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,2,4-Trimethylbenzene	ND	0.0025	0.00097	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
1,3,5-Trimethylbenzene	ND	0.0025	0.00074	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Vinyl Chloride	ND	0.013	0.00094	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
m+p Xylene	ND	0.0051	0.0018	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
o-Xylene	ND	0.0025	0.00071	mg/Kg dry	1		SW-846 8260D	10/7/23	10/7/23 8:14	MFF
Surrogates	% Recovery		Recovery Limits		Flag/Qual					
1,2-Dichloroethane-d4	87.1		70-130				10/7/23 8:14			
Toluene-d8	96.4		70-130				10/7/23 8:14			
4-Bromofluorobenzene	93.0		70-130				10/7/23 8:14			

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: 215 HIGHLAND PKWY, TONAW Sample Description:

Work Order: 23J0841

Date Received: 10/5/2023

Field Sample #: MW-7(23.5-24.0)

Sampled: 10/4/2023 10:15

Sample ID: 23J0841-08

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	84.6		% Wt	1		SM 2540G	10/11/23	10/11/23 11:45	AV



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CHAIN OF CUSTODY RECORD (New York)

1800 Elm Street SE
Minneapolis, MN 55414Page 2 of 6Contact: <https://www.pacelabs.com/contact-us/contact-environmental-sciences/>

Company Name: L. R. Engineers, Inc.
Address: 640 Delaware Ave. Buffalo NY 14204
Phone: 716-882-5476
Project Name: _____
Project Location: Highland Plaza
Project Number: 17-013-0289
Project Manager: Craig Taylor
Pace Analytical Quote Name/Number: _____
Invoice Recipient: Annette Gorecki NYS DEC
Sampled By: J. Williams

Requested Turnaround Time	
7-Day ☐	10-Day ☒
Due Date: _____	
Rush-Approval Required	
1-Day ☐	3-Day ☐
2-Day ☐	4-Day ☐
Data Delivery	
Format: PDF ☒	EXCEL ☒
Other: _____	
CLP Like Data Pkg Required: ☒	
Email To: _____	
Fax To #: _____	

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	VOCs
1	SB-55-6.0-6.5	10/2/23	0933		X	S	U	X
2	SB-55-7.5-8.0		0935		X			X
3	SB-56-1.0-1.5		0950		X			X
4	SB-56-2.0-2.5		0953		X			X
5	SB-56-3.5-4.0		0955		X			X
6	SB-56-5.0-5.5		1000		X			X
7	SB-56-6.0-6.5		1003		X			X
8	SB-56-7.5-8.0		1005		X			X
9	SB-57-1.0-1.5		1010		X			X
20	SB-57-2.0-2.5		1013		X			X

Comments:

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature) <u>[Signature]</u>	Date/Time: <u>10/2/23 1520</u>
Received by: (signature) <u>[Signature]</u>	Date/Time: <u>10/2/23 1520</u>
Relinquished by: (signature) <u>[Signature]</u>	Date/Time: <u>10/2/23 1500</u>
Received by: (signature) <u>[Signature]</u>	Date/Time: <u>10-3-23 0921</u>
Relinquished by: (signature) <u>[Signature]</u>	Date/Time: _____
Received by: (signature) _____	Date/Time: _____

Program & Regulatory Information	
☐ AWQ STDs	☐ NY TOGS
☐ NYC Sewer Discharge	☐ NY CP-51
☐ Part 360 GW (Landfill)	
☐ NY Restricted Use	
☐ NY Unrestricted Use	
☒ NY Part 375	
Other: _____	



Deliverables	
☐ Enhanced Data Package	
☒ NYSDEC EQUIS EDD	
☐ EQUIS (Standard) EDD	
☐ NY Regulatory EDD	
☐ NY Regs Hits-Only EDD	
Other: _____	

Project Entity	
☐ Government	☐ Municipality
☐ Federal	☐ 21 J
☐ City	☒ Brownfield
☐ MWRA	☐ WRTA
☐ School	☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP, LLC

Dissolved Metals Samples
☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples
☐ Field Filtered
☐ Lab to Filter

1 Matrix Codes:

GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

2 Preservation Codes:

I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

3 Container Codes:

A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

PCB ONLY

☐ Soxhlet
☐ Non Soxhlet

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

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Sampled By: J. Williams

ANALYSIS REQUESTED

of Containers
² Preservation Code
³ Container Code
<i>Dissolved Metals Samples</i>
☐ Field Filtered
☐ Lab to Filter
<i>Orthophosphate Samples</i>
☐ Field Filtered
☐ Lab to Filter

GW = Ground Water
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S = Soil
SL = Sludge
SOL = Solid
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Thiosulfate
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define)

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define)

☐ Soxhlet
☐ Non Soxhlet

Please use the following codes to indicate possible sample concentration within the **Conc Code** column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

Date/Time:

☐	Enhanced Data Package
☒	NYSDEC EQuIS EDD
☐	EQuIS (Standard) EDD
☐	NY Regulatory EDD
☐	NY Regs Hits-Only EDD

NELAP and AIHA-LAP, LLC Accredited

☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☒ Brownfield ☐ MBTA

☐ Chromatogram
☐ AIHA-LAP, LLC

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Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

1800 Elm Street SE
Minneapolis, MN 55414Page 5 of 6Contact: <https://www.pacelabs.com/contact-us/contact-environmental-sciences/>Company Name: HR Engineers, Inc.Address: 690 Delaware Ave. Buffalo, NY 14204Phone: 716-862-5476Project Name: Highland PlazaProject Location: Highland PlazaProject Number: 17-013-0289Project Manager: Craig Taylor

Pace Analytical Quote Name/Number

Invoice Recipient: Annette Gorecki, NYSDECSampled By: J. Williams

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code										
1	SB-60-6.0-6.5	10/14/23	1133		X	S	U	X									
2	SB-60-7.5-8.0		1135		X			X									
3	SB-61-1.0-1.5		1204		X			X									
4	SB-61-2.0-2.5		1206		X			X									
5	SB-61-3.5-4.0		1210		X			X									
6	SB-61-5.0-5.5		1215		X			X									
7	SB-61-6.0-6.5		1217		X			X									
8	SB-61-7.5-8.0		1220		X			X									
9	SB-62-1.0-1.5		1220		X			X									
10	SB-62-2.0-2.5		1223		X			X									

Comments:

Please use the following codes to indicate possible sample concentration
within the Conc Code column above:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)

Date/Time:

Received by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

Relinquished by: (signature)

Date/Time:

Program & Regulatory Information

- ☐ AWQ STDS ☐ NY TOGS
☐ NYC Sewer Discharge ☐ NY CP-51
☐ Part 360 GW (Landfill)
☐ NY Restricted Use
☐ NY Unrestricted Use
☒ NY Part 375

Other:

Project Entity

- ☐ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☒ 21 J ☐ School
☐ City ☒ Brownfield ☐ MBTA



Deliverables

- ☐ Enhanced Data Package
☒ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
☐ NY Regulatory EDD
☐ NY Regs Hits-Only EDD

Other:

NEPA and AHA/AIA/ILIC Approved

- Other
☐ Chromatogram
☐ AHA-LAP, LLC

of Containers

² Preservation Code³ Container Code

Dissolved Metals Samples

- ☐ Field Filtered
☐ Lab to Filter

Orthophosphate Samples

- ☐ Field Filtered
☐ Lab to Filter

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S = Summa Canister
T = Tedlar Bag
O = Other (please
define)

PCB ONLY

- ☐ Soxhlet
☐ Non Soxhlet

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Pace Analytical™

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2309418

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Doc # 380 Rev 1_03242011

1800 Elm Street SE
Minneapolis, MN 55414

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CHAIN OF CUSTODY RECORD (New York)

ct: <https://www.pacelabs.com/contact-us/contact-environmental-sciences/>LIRO ENGINEERS, INC
690 DELAWARE AVE BUFFALO NY
(716) 882-5476Project Location: HIGHLAND PLAZA C915293AN
215 HIGHLAND PARKWAY, TONAWANDA NYProject Number:
Project Manager: CRAIG TAYLOR

Pace Analytical Quote Name/Number 2309418

Invoice Recipient: TAYLORC@LIRO.COM

Sampled By: JASON KRUSZAK

7-Day ☐	10-Day ☒
Due Date: STANDARD	
1-Day ☐	3-Day ☐
2-Day ☐	4-Day ☐
Format: PDF ☒ EXCEL ☒	
Other: _____	
CLP Like Data Pkg Required: ☐	
Email To: TAYLORC@LIRO.COM	
Fax To #: _____	

Pace Analytical Work Order#	Client Sample ID / Description	Beginning Date/Time	Ending Date/Time	Composite	Grab	Matrix Code	Conc Code	
1	MW-5R (1.0-1.5)	10/3/23	8:54		X	S	U	X
2	MW-5R (2.0-2.5)	10/3/23	9:10		X	S	U	X
3	MW-5R (3.5-4.0)	10/3/23	9:17		X	S	U	X
4	MW-5R (5.0-5.5)	10/3/23	9:21		X	S	U	X
5	MW-5R (6.0-6.5)	10/3/23	9:24		X	S	U	X
6	MW-5R (7.5-8.0)	10/3/23	9:26		X	S	U	X
7	MW-5R (14.5-15.0)	10/3/23	9:55		X	S	U	X
8	MW-5R (23.5-24.0)	10/3/23	10:30		X	S	U	X
		10/3/23			X	S	U	X
		10/3/23			X	S	U	X

Comments:

Please use the following codes to indicate possible sample concentration within the Conc Code column above:

H - High; M - Medium; L - Low; C - Clean; U - Unknown

Relinquished by: (signature)	Date/Time: 10/3/23 15:58
Received by: (signature)	Date/Time: 10/03/23 15:58
Relinquished by: (signature)	Date/Time: 10/03/23 15:58
Received by: (signature)	Date/Time: 10-4-23 07:31
Relinquished by: (signature)	Date/Time:
Received by: (signature)	Date/Time:

☐ AWQ STDS	☐ NY TOGS
☐ NYC Sewer Discharge	☐ NY CP-51
☐ Part 360 GW (Landfill)	
☐ NY Restricted Use	
☐ NY Unrestricted Use	
☐ NY Part 375	



☐ Enhanced Data Package
☒ NYSDEC EQUIS EDD
☒ EQUIS (Standard) EDD
☐ NY Regulatory EDD
☐ NY Regs Hits-Only EDD

Other:

NELAP and AIHA-LAP, LLC Accredited

Project Entity

☐ Government	☐ Municipality	☐ MWRA	☐ WRTA
☐ Federal	☐ 21 J	☐ School	
☐ City	☒ Brownfield	☐ MBTA	

Other:

☐ Chromatogram
☐ AIHA-LAP, LLC

of Containers
Preservation Code
Container Code

☐ Field Filtered
☐ Lab to Filter

☐ Field Filtered
☐ Lab to Filter

1 Matrix Codes:

GW = Ground Water
 WW = Waste Water
 DW = Drinking Water
 A = Air
 S = Soil
 SL = Sludge
 SOL = Solid
 O = Other (please define)

2 Preservation Codes:

I = Iced
 H = HCL
 M = Methanol
 N = Nitric Acid
 S = Sulfuric Acid
 B = Sodium Bisulfate
 X = Sodium Hydroxide
 T = Sodium Thiosulfate
 O = Other (please define)

3 Container Codes:

A = Amber Glass
 G = Glass
 P = Plastic
 ST = Sterile
 V = Vial
 S = Summa Canister
 T = Tedlar Bag
 O = Other (please define)

PCB ONLY

☐ Soxhlet
☐ Non Soxhlet

GROUNDWATER SAMPLES

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-01

Lab Sample ID: 480-222377-1

Date Collected: 08/06/24 09:03

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/12/24 22:40	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/12/24 22:40	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/12/24 22:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/12/24 22:40	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/12/24 22:40	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/12/24 22:40	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/12/24 22:40	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/12/24 22:40	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/12/24 22:40	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/12/24 22:40	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/12/24 22:40	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/12/24 22:40	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/12/24 22:40	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/12/24 22:40	1
2-Hexanone	ND		5.0	1.2	ug/L			08/12/24 22:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/12/24 22:40	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/12/24 22:40	1
Acetone	ND		10	3.0	ug/L			08/12/24 22:40	1
Benzene	ND		1.0	0.41	ug/L			08/12/24 22:40	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/12/24 22:40	1
Bromoform	ND		1.0	0.26	ug/L			08/12/24 22:40	1
Bromomethane	ND		1.0	0.69	ug/L			08/12/24 22:40	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/12/24 22:40	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/12/24 22:40	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/12/24 22:40	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/12/24 22:40	1
Chloroethane	ND		1.0	0.32	ug/L			08/12/24 22:40	1
Chloroform	ND		1.0	0.34	ug/L			08/12/24 22:40	1
Chloromethane	ND		1.0	0.35	ug/L			08/12/24 22:40	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/12/24 22:40	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/12/24 22:40	1
Cyclohexane	ND		1.0	0.18	ug/L			08/12/24 22:40	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/12/24 22:40	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/12/24 22:40	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/12/24 22:40	1
Methyl acetate	ND		2.5	1.3	ug/L			08/12/24 22:40	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/12/24 22:40	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/12/24 22:40	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/12/24 22:40	1
Styrene	ND		1.0	0.73	ug/L			08/12/24 22:40	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/12/24 22:40	1
Toluene	ND		1.0	0.51	ug/L			08/12/24 22:40	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/12/24 22:40	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/12/24 22:40	1
Trichloroethene	ND		1.0	0.46	ug/L			08/12/24 22:40	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/12/24 22:40	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/12/24 22:40	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/12/24 22:40	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-01

Lab Sample ID: 480-222377-1

Date Collected: 08/06/24 09:03

Matrix: Water

Date Received: 08/07/24 16:13

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		77 - 120		08/12/24 22:40	1
Toluene-d8 (Surr)	102		80 - 120		08/12/24 22:40	1
4-Bromofluorobenzene (Surr)	95		73 - 120		08/12/24 22:40	1
Dibromofluoromethane (Surr)	96		75 - 123		08/12/24 22:40	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	21.6		0.20	0.088	mg/L		08/12/24 09:09	08/12/24 15:43	1
Antimony	ND		0.020	0.0068	mg/L		08/12/24 09:09	08/12/24 15:43	1
Arsenic	0.011	J	0.015	0.0056	mg/L		08/12/24 09:09	08/12/24 15:43	1
Barium	0.45		0.0020	0.00070	mg/L		08/12/24 09:09	08/12/24 15:43	1
Beryllium	0.00095	J	0.0020	0.00040	mg/L		08/12/24 09:09	08/12/24 15:43	1
Cadmium	ND		0.0020	0.00050	mg/L		08/12/24 09:09	08/12/24 15:43	1
Calcium	254		0.50	0.13	mg/L		08/12/24 09:09	08/12/24 15:43	1
Chromium	0.033		0.0040	0.0024	mg/L		08/12/24 09:09	08/12/24 15:43	1
Cobalt	0.0095		0.0040	0.00060	mg/L		08/12/24 09:09	08/12/24 15:43	1
Copper	0.041		0.010	0.0045	mg/L		08/12/24 09:09	08/12/24 15:43	1
Iron	24.8		0.050	0.026	mg/L		08/12/24 09:09	08/12/24 15:43	1
Lead	0.023		0.010	0.0039	mg/L		08/12/24 09:09	08/12/24 15:43	1
Magnesium	202		0.20	0.043	mg/L		08/12/24 09:09	08/12/24 15:43	1
Manganese	0.63		0.0030	0.0010	mg/L		08/12/24 09:09	08/12/24 15:43	1
Nickel	0.024		0.010	0.0034	mg/L		08/12/24 09:09	08/12/24 15:43	1
Potassium	9.9		0.50	0.20	mg/L		08/12/24 09:09	08/12/24 15:43	1
Selenium	ND		0.025	0.0087	mg/L		08/12/24 09:09	08/12/24 15:43	1
Silver	ND		0.0060	0.0017	mg/L		08/12/24 09:09	08/12/24 15:43	1
Sodium	418		1.0	0.38	mg/L		08/12/24 09:09	08/12/24 15:43	1
Thallium	ND		0.020	0.010	mg/L		08/12/24 09:09	08/12/24 15:43	1
Vanadium	0.034		0.0050	0.0015	mg/L		08/12/24 09:09	08/12/24 15:43	1
Zinc	0.13		0.010	0.0068	mg/L		08/12/24 09:09	08/12/24 15:43	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00040	0.000084	mg/L		08/12/24 11:18	08/12/24 14:50	1

Client Sample ID: MW-02

Lab Sample ID: 480-222377-2

Date Collected: 08/07/24 07:30

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/12/24 23:03	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/12/24 23:03	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/12/24 23:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/12/24 23:03	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/12/24 23:03	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/12/24 23:03	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/12/24 23:03	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/12/24 23:03	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/12/24 23:03	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/12/24 23:03	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/12/24 23:03	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-02

Lab Sample ID: 480-222377-2

Date Collected: 08/07/24 07:30

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/12/24 23:03	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/12/24 23:03	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/12/24 23:03	1
2-Hexanone	ND		5.0	1.2	ug/L			08/12/24 23:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/12/24 23:03	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/12/24 23:03	1
Acetone	ND		10	3.0	ug/L			08/12/24 23:03	1
Benzene	ND		1.0	0.41	ug/L			08/12/24 23:03	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/12/24 23:03	1
Bromoform	ND		1.0	0.26	ug/L			08/12/24 23:03	1
Bromomethane	ND		1.0	0.69	ug/L			08/12/24 23:03	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/12/24 23:03	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/12/24 23:03	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/12/24 23:03	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/12/24 23:03	1
Chloroethane	ND		1.0	0.32	ug/L			08/12/24 23:03	1
Chloroform	ND		1.0	0.34	ug/L			08/12/24 23:03	1
Chloromethane	ND		1.0	0.35	ug/L			08/12/24 23:03	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/12/24 23:03	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/12/24 23:03	1
Cyclohexane	ND		1.0	0.18	ug/L			08/12/24 23:03	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/12/24 23:03	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/12/24 23:03	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/12/24 23:03	1
Methyl acetate	ND		2.5	1.3	ug/L			08/12/24 23:03	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/12/24 23:03	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/12/24 23:03	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/12/24 23:03	1
Styrene	ND		1.0	0.73	ug/L			08/12/24 23:03	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/12/24 23:03	1
Toluene	ND		1.0	0.51	ug/L			08/12/24 23:03	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/12/24 23:03	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/12/24 23:03	1
Trichloroethene	ND		1.0	0.46	ug/L			08/12/24 23:03	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/12/24 23:03	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/12/24 23:03	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/12/24 23:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		77 - 120		08/12/24 23:03	1
Toluene-d8 (Surr)	107		80 - 120		08/12/24 23:03	1
4-Bromofluorobenzene (Surr)	101		73 - 120		08/12/24 23:03	1
Dibromofluoromethane (Surr)	101		75 - 123		08/12/24 23:03	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	34.2		0.20	0.088	mg/L		08/12/24 09:09	08/12/24 15:45	1
Antimony	ND		0.020	0.0068	mg/L		08/12/24 09:09	08/12/24 15:45	1
Arsenic	0.015		0.015	0.0056	mg/L		08/12/24 09:09	08/12/24 15:45	1
Barium	0.32		0.0020	0.00070	mg/L		08/12/24 09:09	08/12/24 15:45	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-02

Lab Sample ID: 480-222377-2

Date Collected: 08/07/24 07:30

Matrix: Water

Date Received: 08/07/24 16:13

Method: EPA 200.7 Rev 4.4 - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	0.0015	J	0.0020	0.00040	mg/L		08/12/24 09:09	08/12/24 15:45	1
Cadmium	0.00068	J	0.0020	0.00050	mg/L		08/12/24 09:09	08/12/24 15:45	1
Calcium	152		0.50	0.13	mg/L		08/12/24 09:09	08/12/24 15:45	1
Chromium	0.063		0.0040	0.0024	mg/L		08/12/24 09:09	08/12/24 15:45	1
Cobalt	0.019		0.0040	0.00060	mg/L		08/12/24 09:09	08/12/24 15:45	1
Copper	0.032		0.010	0.0045	mg/L		08/12/24 09:09	08/12/24 15:45	1
Iron	48.2		0.050	0.026	mg/L		08/12/24 09:09	08/12/24 15:45	1
Lead	0.026		0.010	0.0039	mg/L		08/12/24 09:09	08/12/24 15:45	1
Magnesium	140		0.20	0.043	mg/L		08/12/24 09:09	08/12/24 15:45	1
Manganese	0.95		0.0030	0.0010	mg/L		08/12/24 09:09	08/12/24 15:45	1
Nickel	0.048		0.010	0.0034	mg/L		08/12/24 09:09	08/12/24 15:45	1
Potassium	14.7		0.50	0.20	mg/L		08/12/24 09:09	08/12/24 15:45	1
Selenium	ND		0.025	0.0087	mg/L		08/12/24 09:09	08/12/24 15:45	1
Silver	ND		0.0060	0.0017	mg/L		08/12/24 09:09	08/12/24 15:45	1
Sodium	41.2		1.0	0.38	mg/L		08/12/24 09:09	08/12/24 15:45	1
Thallium	ND		0.020	0.010	mg/L		08/12/24 09:09	08/12/24 15:45	1
Vanadium	0.064		0.0050	0.0015	mg/L		08/12/24 09:09	08/12/24 15:45	1
Zinc	0.15		0.010	0.0068	mg/L		08/12/24 09:09	08/12/24 15:45	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00060	0.00013	mg/L		08/12/24 11:18	08/12/24 14:51	1

Client Sample ID: MW-03

Lab Sample ID: 480-222377-3

Date Collected: 08/07/24 08:40

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/12/24 23:27	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/12/24 23:27	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/12/24 23:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/12/24 23:27	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/12/24 23:27	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/12/24 23:27	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/12/24 23:27	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/12/24 23:27	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/12/24 23:27	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/12/24 23:27	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/12/24 23:27	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/12/24 23:27	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/12/24 23:27	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/12/24 23:27	1
2-Hexanone	ND		5.0	1.2	ug/L			08/12/24 23:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/12/24 23:27	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/12/24 23:27	1
Acetone	ND		10	3.0	ug/L			08/12/24 23:27	1
Benzene	ND		1.0	0.41	ug/L			08/12/24 23:27	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/12/24 23:27	1
Bromoform	ND		1.0	0.26	ug/L			08/12/24 23:27	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-03

Lab Sample ID: 480-222377-3

Date Collected: 08/07/24 08:40

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		1.0	0.69	ug/L			08/12/24 23:27	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/12/24 23:27	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/12/24 23:27	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/12/24 23:27	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/12/24 23:27	1
Chloroethane	ND		1.0	0.32	ug/L			08/12/24 23:27	1
Chloroform	ND		1.0	0.34	ug/L			08/12/24 23:27	1
Chloromethane	ND		1.0	0.35	ug/L			08/12/24 23:27	1
cis-1,2-Dichloroethene	7.9		1.0	0.81	ug/L			08/12/24 23:27	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/12/24 23:27	1
Cyclohexane	ND		1.0	0.18	ug/L			08/12/24 23:27	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/12/24 23:27	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/12/24 23:27	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/12/24 23:27	1
Methyl acetate	ND		2.5	1.3	ug/L			08/12/24 23:27	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/12/24 23:27	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/12/24 23:27	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/12/24 23:27	1
Styrene	ND		1.0	0.73	ug/L			08/12/24 23:27	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/12/24 23:27	1
Toluene	ND		1.0	0.51	ug/L			08/12/24 23:27	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/12/24 23:27	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/12/24 23:27	1
Trichloroethene	0.46	J	1.0	0.46	ug/L			08/12/24 23:27	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/12/24 23:27	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/12/24 23:27	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/12/24 23:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	102		77 - 120		08/12/24 23:27	1
Toluene-d8 (Surr)	108		80 - 120		08/12/24 23:27	1
4-Bromofluorobenzene (Surr)	102		73 - 120		08/12/24 23:27	1
Dibromofluoromethane (Surr)	101		75 - 123		08/12/24 23:27	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	17.4		0.20	0.088	mg/L		08/12/24 09:09	08/12/24 15:47	1
Antimony	ND		0.020	0.0068	mg/L		08/12/24 09:09	08/12/24 15:47	1
Arsenic	0.0082	J	0.015	0.0056	mg/L		08/12/24 09:09	08/12/24 15:47	1
Barium	0.18		0.0020	0.00070	mg/L		08/12/24 09:09	08/12/24 15:47	1
Beryllium	0.00076	J	0.0020	0.00040	mg/L		08/12/24 09:09	08/12/24 15:47	1
Cadmium	ND		0.0020	0.00050	mg/L		08/12/24 09:09	08/12/24 15:47	1
Calcium	108		0.50	0.13	mg/L		08/12/24 09:09	08/12/24 15:47	1
Chromium	0.026		0.0040	0.0024	mg/L		08/12/24 09:09	08/12/24 15:47	1
Cobalt	0.0089		0.0040	0.00060	mg/L		08/12/24 09:09	08/12/24 15:47	1
Copper	0.017		0.010	0.0045	mg/L		08/12/24 09:09	08/12/24 15:47	1
Iron	22.6		0.050	0.026	mg/L		08/12/24 09:09	08/12/24 15:47	1
Lead	0.0088	J	0.010	0.0039	mg/L		08/12/24 09:09	08/12/24 15:47	1
Magnesium	142		0.20	0.043	mg/L		08/12/24 09:09	08/12/24 15:47	1
Manganese	0.49		0.0030	0.0010	mg/L		08/12/24 09:09	08/12/24 15:47	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-03

Date Collected: 08/07/24 08:40

Date Received: 08/07/24 16:13

Lab Sample ID: 480-222377-3

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.024		0.010	0.0034	mg/L		08/12/24 09:09	08/12/24 15:47	1
Potassium	9.9		0.50	0.20	mg/L		08/12/24 09:09	08/12/24 15:47	1
Selenium	ND		0.025	0.0087	mg/L		08/12/24 09:09	08/12/24 15:47	1
Silver	ND		0.0060	0.0017	mg/L		08/12/24 09:09	08/12/24 15:47	1
Sodium	60.5		1.0	0.38	mg/L		08/12/24 09:09	08/12/24 15:47	1
Thallium	ND		0.020	0.010	mg/L		08/12/24 09:09	08/12/24 15:47	1
Vanadium	0.032		0.0050	0.0015	mg/L		08/12/24 09:09	08/12/24 15:47	1
Zinc	0.069		0.010	0.0068	mg/L		08/12/24 09:09	08/12/24 15:47	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00040	0.000084	mg/L		08/12/24 11:18	08/12/24 14:53	1

Client Sample ID: MW-04

Date Collected: 08/07/24 12:35

Date Received: 08/07/24 16:13

Lab Sample ID: 480-222377-4

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		800	660	ug/L			08/12/24 23:50	800
1,1,2,2-Tetrachloroethane	ND		800	170	ug/L			08/12/24 23:50	800
1,1,2-Trichloroethane	ND		800	180	ug/L			08/12/24 23:50	800
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		800	250	ug/L			08/12/24 23:50	800
1,1-Dichloroethane	ND		800	300	ug/L			08/12/24 23:50	800
1,1-Dichloroethene	ND		800	230	ug/L			08/12/24 23:50	800
1,2,4-Trichlorobenzene	ND		800	330	ug/L			08/12/24 23:50	800
1,2-Dibromo-3-Chloropropane	ND		800	310	ug/L			08/12/24 23:50	800
1,2-Dibromoethane	ND		800	580	ug/L			08/12/24 23:50	800
1,2-Dichlorobenzene	ND		800	630	ug/L			08/12/24 23:50	800
1,2-Dichloroethane	ND		800	170	ug/L			08/12/24 23:50	800
1,2-Dichloropropane	ND		800	580	ug/L			08/12/24 23:50	800
1,3-Dichlorobenzene	ND		800	620	ug/L			08/12/24 23:50	800
1,4-Dichlorobenzene	ND		800	670	ug/L			08/12/24 23:50	800
2-Hexanone	ND		4000	990	ug/L			08/12/24 23:50	800
2-Butanone (MEK)	ND		8000	1100	ug/L			08/12/24 23:50	800
4-Methyl-2-pentanone (MIBK)	ND		4000	1700	ug/L			08/12/24 23:50	800
Acetone	ND		8000	2400	ug/L			08/12/24 23:50	800
Benzene	ND		800	330	ug/L			08/12/24 23:50	800
Bromodichloromethane	ND		800	310	ug/L			08/12/24 23:50	800
Bromoform	ND		800	210	ug/L			08/12/24 23:50	800
Bromomethane	ND		800	550	ug/L			08/12/24 23:50	800
Carbon disulfide	ND		800	150	ug/L			08/12/24 23:50	800
Carbon tetrachloride	ND		800	220	ug/L			08/12/24 23:50	800
Chlorobenzene	ND		800	600	ug/L			08/12/24 23:50	800
Dibromochloromethane	ND		800	260	ug/L			08/12/24 23:50	800
Chloroethane	ND		800	260	ug/L			08/12/24 23:50	800
Chloroform	ND		800	270	ug/L			08/12/24 23:50	800
Chloromethane	ND		800	280	ug/L			08/12/24 23:50	800
cis-1,2-Dichloroethene	5000		800	650	ug/L			08/12/24 23:50	800
cis-1,3-Dichloropropene	ND		800	290	ug/L			08/12/24 23:50	800

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Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-04

Lab Sample ID: 480-222377-4

Date Collected: 08/07/24 12:35

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	ND		800	140	ug/L			08/12/24 23:50	800
Dichlorodifluoromethane	ND		800	540	ug/L			08/12/24 23:50	800
Ethylbenzene	ND		800	590	ug/L			08/12/24 23:50	800
Isopropylbenzene	ND		800	630	ug/L			08/12/24 23:50	800
Methyl acetate	ND		2000	1000	ug/L			08/12/24 23:50	800
Methyl tert-butyl ether	ND		800	130	ug/L			08/12/24 23:50	800
Methylcyclohexane	ND		800	130	ug/L			08/12/24 23:50	800
Methylene Chloride	ND		800	350	ug/L			08/12/24 23:50	800
Styrene	ND		800	580	ug/L			08/12/24 23:50	800
Tetrachloroethene	81000	E	800	290	ug/L			08/12/24 23:50	800
Toluene	ND		800	410	ug/L			08/12/24 23:50	800
trans-1,2-Dichloroethene	ND		800	720	ug/L			08/12/24 23:50	800
trans-1,3-Dichloropropene	ND		800	300	ug/L			08/12/24 23:50	800
Trichloroethene	5200		800	370	ug/L			08/12/24 23:50	800
Trichlorofluoromethane	ND		800	700	ug/L			08/12/24 23:50	800
Vinyl chloride	ND		800	720	ug/L			08/12/24 23:50	800
Xylenes, Total	ND		1600	530	ug/L			08/12/24 23:50	800

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		77 - 120		08/12/24 23:50	800
Toluene-d8 (Surr)	107		80 - 120		08/12/24 23:50	800
4-Bromofluorobenzene (Surr)	100		73 - 120		08/12/24 23:50	800
Dibromofluoromethane (Surr)	101		75 - 123		08/12/24 23:50	800

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2000	1600	ug/L			08/13/24 15:18	2000
1,1,2,2-Tetrachloroethane	ND		2000	420	ug/L			08/13/24 15:18	2000
1,1,2-Trichloroethane	ND		2000	460	ug/L			08/13/24 15:18	2000
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2000	620	ug/L			08/13/24 15:18	2000
1,1-Dichloroethane	ND		2000	760	ug/L			08/13/24 15:18	2000
1,1-Dichloroethene	ND		2000	580	ug/L			08/13/24 15:18	2000
1,2,4-Trichlorobenzene	ND		2000	820	ug/L			08/13/24 15:18	2000
1,2-Dibromo-3-Chloropropane	ND		2000	780	ug/L			08/13/24 15:18	2000
1,2-Dibromoethane	ND		2000	1500	ug/L			08/13/24 15:18	2000
1,2-Dichlorobenzene	ND		2000	1600	ug/L			08/13/24 15:18	2000
1,2-Dichloroethane	ND		2000	420	ug/L			08/13/24 15:18	2000
1,2-Dichloropropane	ND		2000	1400	ug/L			08/13/24 15:18	2000
1,3-Dichlorobenzene	ND		2000	1600	ug/L			08/13/24 15:18	2000
1,4-Dichlorobenzene	ND		2000	1700	ug/L			08/13/24 15:18	2000
2-Hexanone	ND		10000	2500	ug/L			08/13/24 15:18	2000
2-Butanone (MEK)	ND		20000	2600	ug/L			08/13/24 15:18	2000
4-Methyl-2-pentanone (MIBK)	ND		10000	4200	ug/L			08/13/24 15:18	2000
Acetone	ND		20000	6000	ug/L			08/13/24 15:18	2000
Benzene	ND		2000	820	ug/L			08/13/24 15:18	2000
Bromodichloromethane	ND		2000	780	ug/L			08/13/24 15:18	2000
Bromoform	ND		2000	520	ug/L			08/13/24 15:18	2000
Bromomethane	ND		2000	1400	ug/L			08/13/24 15:18	2000
Carbon disulfide	ND		2000	380	ug/L			08/13/24 15:18	2000
Carbon tetrachloride	ND		2000	540	ug/L			08/13/24 15:18	2000

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Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-04

Lab Sample ID: 480-222377-4

Date Collected: 08/07/24 12:35

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		2000	1500	ug/L			08/13/24 15:18	2000
Dibromochloromethane	ND		2000	640	ug/L			08/13/24 15:18	2000
Chloroethane	ND		2000	640	ug/L			08/13/24 15:18	2000
Chloroform	ND		2000	680	ug/L			08/13/24 15:18	2000
Chloromethane	ND		2000	700	ug/L			08/13/24 15:18	2000
cis-1,2-Dichloroethene	4800		2000	1600	ug/L			08/13/24 15:18	2000
cis-1,3-Dichloropropene	ND		2000	720	ug/L			08/13/24 15:18	2000
Cyclohexane	ND		2000	360	ug/L			08/13/24 15:18	2000
Dichlorodifluoromethane	ND		2000	1400	ug/L			08/13/24 15:18	2000
Ethylbenzene	ND		2000	1500	ug/L			08/13/24 15:18	2000
Isopropylbenzene	ND		2000	1600	ug/L			08/13/24 15:18	2000
Methyl acetate	ND		5000	2600	ug/L			08/13/24 15:18	2000
Methyl tert-butyl ether	ND		2000	320	ug/L			08/13/24 15:18	2000
Methylcyclohexane	ND		2000	320	ug/L			08/13/24 15:18	2000
Methylene Chloride	ND		2000	880	ug/L			08/13/24 15:18	2000
Styrene	ND		2000	1500	ug/L			08/13/24 15:18	2000
Tetrachloroethene	67000		2000	720	ug/L			08/13/24 15:18	2000
Toluene	ND		2000	1000	ug/L			08/13/24 15:18	2000
trans-1,2-Dichloroethene	ND		2000	1800	ug/L			08/13/24 15:18	2000
trans-1,3-Dichloropropene	ND		2000	740	ug/L			08/13/24 15:18	2000
Trichloroethene	4600		2000	920	ug/L			08/13/24 15:18	2000
Trichlorofluoromethane	ND		2000	1800	ug/L			08/13/24 15:18	2000
Vinyl chloride	ND		2000	1800	ug/L			08/13/24 15:18	2000
Xylenes, Total	ND		4000	1300	ug/L			08/13/24 15:18	2000

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		77 - 120		08/13/24 15:18	2000
Toluene-d8 (Surr)	109		80 - 120		08/13/24 15:18	2000
4-Bromofluorobenzene (Surr)	99		73 - 120		08/13/24 15:18	2000
Dibromofluoromethane (Surr)	98		75 - 123		08/13/24 15:18	2000

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7.4		0.20	0.088	mg/L		08/12/24 09:09	08/12/24 15:54	1
Antimony	ND		0.020	0.0068	mg/L		08/12/24 09:09	08/12/24 15:54	1
Arsenic	0.0083	J	0.015	0.0056	mg/L		08/12/24 09:09	08/12/24 15:54	1
Barium	0.13		0.0020	0.00070	mg/L		08/12/24 09:09	08/12/24 15:54	1
Beryllium	ND		0.0020	0.00040	mg/L		08/12/24 09:09	08/12/24 15:54	1
Cadmium	ND		0.0020	0.00050	mg/L		08/12/24 09:09	08/12/24 15:54	1
Calcium	72.9		0.50	0.13	mg/L		08/12/24 09:09	08/12/24 15:54	1
Chromium	0.014		0.0040	0.0024	mg/L		08/12/24 09:09	08/12/24 15:54	1
Cobalt	0.0039	J	0.0040	0.00060	mg/L		08/12/24 09:09	08/12/24 15:54	1
Copper	0.0095	J	0.010	0.0045	mg/L		08/12/24 09:09	08/12/24 15:54	1
Iron	9.3		0.050	0.026	mg/L		08/12/24 09:09	08/12/24 15:54	1
Lead	0.0080	J	0.010	0.0039	mg/L		08/12/24 09:09	08/12/24 15:54	1
Magnesium	122		0.20	0.043	mg/L		08/12/24 09:09	08/12/24 15:54	1
Manganese	0.20		0.0030	0.0010	mg/L		08/12/24 09:09	08/12/24 15:54	1
Nickel	0.010		0.010	0.0034	mg/L		08/12/24 09:09	08/12/24 15:54	1
Potassium	5.9		0.50	0.20	mg/L		08/12/24 09:09	08/12/24 15:54	1
Selenium	ND		0.025	0.0087	mg/L		08/12/24 09:09	08/12/24 15:54	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-04

Lab Sample ID: 480-222377-4

Date Collected: 08/07/24 12:35

Matrix: Water

Date Received: 08/07/24 16:13

Method: EPA 200.7 Rev 4.4 - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.0060	0.0017	mg/L		08/12/24 09:09	08/12/24 15:54	1
Sodium	33.9		1.0	0.38	mg/L		08/12/24 09:09	08/12/24 15:54	1
Thallium	ND		0.020	0.010	mg/L		08/12/24 09:09	08/12/24 15:54	1
Vanadium	0.014		0.0050	0.0015	mg/L		08/12/24 09:09	08/12/24 15:54	1
Zinc	0.041		0.010	0.0068	mg/L		08/12/24 09:09	08/12/24 15:54	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		08/12/24 11:18	08/12/24 14:54	1

Client Sample ID: MW-05R

Lab Sample ID: 480-222377-5

Date Collected: 08/07/24 11:30

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/13/24 00:14	1
1,1,1,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/13/24 00:14	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/13/24 00:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/13/24 00:14	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/13/24 00:14	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/13/24 00:14	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/13/24 00:14	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/13/24 00:14	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/13/24 00:14	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/13/24 00:14	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/13/24 00:14	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/13/24 00:14	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/13/24 00:14	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/13/24 00:14	1
2-Hexanone	ND		5.0	1.2	ug/L			08/13/24 00:14	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/13/24 00:14	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/13/24 00:14	1
Acetone	ND		10	3.0	ug/L			08/13/24 00:14	1
Benzene	ND		1.0	0.41	ug/L			08/13/24 00:14	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/13/24 00:14	1
Bromoform	ND		1.0	0.26	ug/L			08/13/24 00:14	1
Bromomethane	ND		1.0	0.69	ug/L			08/13/24 00:14	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/13/24 00:14	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/13/24 00:14	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/13/24 00:14	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/13/24 00:14	1
Chloroethane	ND		1.0	0.32	ug/L			08/13/24 00:14	1
Chloroform	0.66 J		1.0	0.34	ug/L			08/13/24 00:14	1
Chloromethane	ND		1.0	0.35	ug/L			08/13/24 00:14	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/13/24 00:14	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/13/24 00:14	1
Cyclohexane	ND		1.0	0.18	ug/L			08/13/24 00:14	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/13/24 00:14	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/13/24 00:14	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-05R

Lab Sample ID: 480-222377-5

Date Collected: 08/07/24 11:30

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		1.0	0.79	ug/L			08/13/24 00:14	1
Methyl acetate	ND		2.5	1.3	ug/L			08/13/24 00:14	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/13/24 00:14	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/13/24 00:14	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/13/24 00:14	1
Styrene	ND		1.0	0.73	ug/L			08/13/24 00:14	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/13/24 00:14	1
Toluene	ND		1.0	0.51	ug/L			08/13/24 00:14	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/13/24 00:14	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/13/24 00:14	1
Trichloroethene	ND		1.0	0.46	ug/L			08/13/24 00:14	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/13/24 00:14	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/13/24 00:14	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/13/24 00:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		77 - 120		08/13/24 00:14	1
Toluene-d8 (Surr)	107		80 - 120		08/13/24 00:14	1
4-Bromofluorobenzene (Surr)	100		73 - 120		08/13/24 00:14	1
Dibromofluoromethane (Surr)	100		75 - 123		08/13/24 00:14	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.17	J	0.20	0.088	mg/L		08/12/24 09:09	08/12/24 15:56	1
Antimony	ND		0.020	0.0068	mg/L		08/12/24 09:09	08/12/24 15:56	1
Arsenic	ND		0.015	0.0056	mg/L		08/12/24 09:09	08/12/24 15:56	1
Barium	0.16		0.0020	0.00070	mg/L		08/12/24 09:09	08/12/24 15:56	1
Beryllium	ND		0.0020	0.00040	mg/L		08/12/24 09:09	08/12/24 15:56	1
Cadmium	ND		0.0020	0.00050	mg/L		08/12/24 09:09	08/12/24 15:56	1
Calcium	75.1		0.50	0.13	mg/L		08/12/24 09:09	08/12/24 15:56	1
Chromium	ND		0.0040	0.0024	mg/L		08/12/24 09:09	08/12/24 15:56	1
Cobalt	ND		0.0040	0.00060	mg/L		08/12/24 09:09	08/12/24 15:56	1
Copper	ND		0.010	0.0045	mg/L		08/12/24 09:09	08/12/24 15:56	1
Iron	0.21		0.050	0.026	mg/L		08/12/24 09:09	08/12/24 15:56	1
Lead	ND		0.010	0.0039	mg/L		08/12/24 09:09	08/12/24 15:56	1
Magnesium	107		0.20	0.043	mg/L		08/12/24 09:09	08/12/24 15:56	1
Manganese	0.017		0.0030	0.0010	mg/L		08/12/24 09:09	08/12/24 15:56	1
Nickel	ND		0.010	0.0034	mg/L		08/12/24 09:09	08/12/24 15:56	1
Potassium	4.6		0.50	0.20	mg/L		08/12/24 09:09	08/12/24 15:56	1
Selenium	ND		0.025	0.0087	mg/L		08/12/24 09:09	08/12/24 15:56	1
Silver	ND		0.0060	0.0017	mg/L		08/12/24 09:09	08/12/24 15:56	1
Sodium	34.7		1.0	0.38	mg/L		08/12/24 09:09	08/12/24 15:56	1
Thallium	ND		0.020	0.010	mg/L		08/12/24 09:09	08/12/24 15:56	1
Vanadium	ND		0.0050	0.0015	mg/L		08/12/24 09:09	08/12/24 15:56	1
Zinc	0.023		0.010	0.0068	mg/L		08/12/24 09:09	08/12/24 15:56	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		08/12/24 11:18	08/12/24 14:55	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-06

Lab Sample ID: 480-222377-6

Date Collected: 08/07/24 10:00

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/13/24 00:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/13/24 00:37	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/13/24 00:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/13/24 00:37	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/13/24 00:37	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/13/24 00:37	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/13/24 00:37	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/13/24 00:37	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/13/24 00:37	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/13/24 00:37	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/13/24 00:37	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/13/24 00:37	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/13/24 00:37	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/13/24 00:37	1
2-Hexanone	ND		5.0	1.2	ug/L			08/13/24 00:37	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/13/24 00:37	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/13/24 00:37	1
Acetone	ND		10	3.0	ug/L			08/13/24 00:37	1
Benzene	ND		1.0	0.41	ug/L			08/13/24 00:37	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/13/24 00:37	1
Bromoform	ND		1.0	0.26	ug/L			08/13/24 00:37	1
Bromomethane	ND		1.0	0.69	ug/L			08/13/24 00:37	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/13/24 00:37	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/13/24 00:37	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/13/24 00:37	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/13/24 00:37	1
Chloroethane	ND		1.0	0.32	ug/L			08/13/24 00:37	1
Chloroform	ND		1.0	0.34	ug/L			08/13/24 00:37	1
Chloromethane	ND		1.0	0.35	ug/L			08/13/24 00:37	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/13/24 00:37	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/13/24 00:37	1
Cyclohexane	ND		1.0	0.18	ug/L			08/13/24 00:37	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/13/24 00:37	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/13/24 00:37	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/13/24 00:37	1
Methyl acetate	ND		2.5	1.3	ug/L			08/13/24 00:37	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/13/24 00:37	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/13/24 00:37	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/13/24 00:37	1
Styrene	ND		1.0	0.73	ug/L			08/13/24 00:37	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/13/24 00:37	1
Toluene	ND		1.0	0.51	ug/L			08/13/24 00:37	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/13/24 00:37	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/13/24 00:37	1
Trichloroethene	ND		1.0	0.46	ug/L			08/13/24 00:37	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/13/24 00:37	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/13/24 00:37	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/13/24 00:37	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-06

Date Collected: 08/07/24 10:00

Date Received: 08/07/24 16:13

Lab Sample ID: 480-222377-6

Matrix: Water

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		77 - 120		08/13/24 00:37	1
Toluene-d8 (Surr)	108		80 - 120		08/13/24 00:37	1
4-Bromofluorobenzene (Surr)	101		73 - 120		08/13/24 00:37	1
Dibromofluoromethane (Surr)	103		75 - 123		08/13/24 00:37	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	132		0.20	0.088	mg/L		08/12/24 09:09	08/12/24 16:06	1
Antimony	ND		0.020	0.0068	mg/L		08/12/24 09:09	08/12/24 16:06	1
Arsenic	0.044		0.015	0.0056	mg/L		08/12/24 09:09	08/12/24 16:06	1
Barium	0.81		0.0020	0.00070	mg/L		08/12/24 09:09	08/12/24 16:06	1
Beryllium	0.0063		0.0020	0.00040	mg/L		08/12/24 09:09	08/12/24 16:06	1
Cadmium	0.0029		0.0020	0.00050	mg/L		08/12/24 09:09	08/12/24 16:06	1
Calcium	498		0.50	0.13	mg/L		08/12/24 09:09	08/12/24 16:06	1
Chromium	0.35		0.0040	0.0024	mg/L		08/12/24 09:09	08/12/24 16:06	1
Cobalt	0.11		0.0040	0.00060	mg/L		08/12/24 09:09	08/12/24 16:06	1
Copper	0.24		0.010	0.0045	mg/L		08/12/24 09:09	08/12/24 16:06	1
Iron	173		0.050	0.026	mg/L		08/12/24 09:09	08/12/24 16:06	1
Lead	0.14		0.010	0.0039	mg/L		08/12/24 09:09	08/12/24 16:06	1
Magnesium	308		0.20	0.043	mg/L		08/12/24 09:09	08/12/24 16:06	1
Manganese	4.2		0.0030	0.0010	mg/L		08/12/24 09:09	08/12/24 16:06	1
Nickel	0.22		0.010	0.0034	mg/L		08/12/24 09:09	08/12/24 16:06	1
Potassium	40.3		0.50	0.20	mg/L		08/12/24 09:09	08/12/24 16:06	1
Selenium	ND		0.025	0.0087	mg/L		08/12/24 09:09	08/12/24 16:06	1
Silver	0.0035	J	0.0060	0.0017	mg/L		08/12/24 09:09	08/12/24 16:06	1
Sodium	76.2		1.0	0.38	mg/L		08/12/24 09:09	08/12/24 16:06	1
Thallium	ND		0.020	0.010	mg/L		08/12/24 09:09	08/12/24 16:06	1
Vanadium	0.25		0.0050	0.0015	mg/L		08/12/24 09:09	08/12/24 16:06	1
Zinc	0.86		0.010	0.0068	mg/L		08/12/24 09:09	08/12/24 16:06	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.00038	J	0.00060	0.00013	mg/L		08/12/24 11:18	08/12/24 15:00	1

Client Sample ID: MW-07

Date Collected: 08/07/24 13:35

Date Received: 08/07/24 16:13

Lab Sample ID: 480-222377-7

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/13/24 01:01	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/13/24 01:01	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/13/24 01:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/13/24 01:01	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/13/24 01:01	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/13/24 01:01	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/13/24 01:01	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/13/24 01:01	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/13/24 01:01	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/13/24 01:01	1
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/13/24 01:01	1

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Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-07

Lab Sample ID: 480-222377-7

Date Collected: 08/07/24 13:35

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/13/24 01:01	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/13/24 01:01	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/13/24 01:01	1
2-Hexanone	ND		5.0	1.2	ug/L			08/13/24 01:01	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/13/24 01:01	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/13/24 01:01	1
Acetone	ND		10	3.0	ug/L			08/13/24 01:01	1
Benzene	ND		1.0	0.41	ug/L			08/13/24 01:01	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/13/24 01:01	1
Bromoform	ND		1.0	0.26	ug/L			08/13/24 01:01	1
Bromomethane	ND		1.0	0.69	ug/L			08/13/24 01:01	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/13/24 01:01	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/13/24 01:01	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/13/24 01:01	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/13/24 01:01	1
Chloroethane	ND		1.0	0.32	ug/L			08/13/24 01:01	1
Chloroform	ND		1.0	0.34	ug/L			08/13/24 01:01	1
Chloromethane	ND		1.0	0.35	ug/L			08/13/24 01:01	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/13/24 01:01	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/13/24 01:01	1
Cyclohexane	ND		1.0	0.18	ug/L			08/13/24 01:01	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/13/24 01:01	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/13/24 01:01	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/13/24 01:01	1
Methyl acetate	ND		2.5	1.3	ug/L			08/13/24 01:01	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/13/24 01:01	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/13/24 01:01	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/13/24 01:01	1
Styrene	ND		1.0	0.73	ug/L			08/13/24 01:01	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/13/24 01:01	1
Toluene	ND		1.0	0.51	ug/L			08/13/24 01:01	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/13/24 01:01	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/13/24 01:01	1
Trichloroethene	ND		1.0	0.46	ug/L			08/13/24 01:01	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/13/24 01:01	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/13/24 01:01	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/13/24 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		77 - 120		08/13/24 01:01	1
Toluene-d8 (Surr)	102		80 - 120		08/13/24 01:01	1
4-Bromofluorobenzene (Surr)	94		73 - 120		08/13/24 01:01	1
Dibromofluoromethane (Surr)	95		75 - 123		08/13/24 01:01	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	0.36		0.20	0.088	mg/L		08/12/24 09:09	08/12/24 16:08	1
Antimony	ND		0.020	0.0068	mg/L		08/12/24 09:09	08/12/24 16:08	1
Arsenic	ND		0.015	0.0056	mg/L		08/12/24 09:09	08/12/24 16:08	1
Barium	0.056		0.0020	0.00070	mg/L		08/12/24 09:09	08/12/24 16:08	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: MW-07

Date Collected: 08/07/24 13:35

Date Received: 08/07/24 16:13

Lab Sample ID: 480-222377-7

Matrix: Water

Method: EPA 200.7 Rev 4.4 - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.0020	0.00040	mg/L		08/12/24 09:09	08/12/24 16:08	1
Cadmium	ND		0.0020	0.00050	mg/L		08/12/24 09:09	08/12/24 16:08	1
Calcium	63.5		0.50	0.13	mg/L		08/12/24 09:09	08/12/24 16:08	1
Chromium	ND		0.0040	0.0024	mg/L		08/12/24 09:09	08/12/24 16:08	1
Cobalt	ND		0.0040	0.00060	mg/L		08/12/24 09:09	08/12/24 16:08	1
Copper	ND		0.010	0.0045	mg/L		08/12/24 09:09	08/12/24 16:08	1
Iron	0.42		0.050	0.026	mg/L		08/12/24 09:09	08/12/24 16:08	1
Lead	ND		0.010	0.0039	mg/L		08/12/24 09:09	08/12/24 16:08	1
Magnesium	163		0.20	0.043	mg/L		08/12/24 09:09	08/12/24 16:08	1
Manganese	0.012		0.0030	0.0010	mg/L		08/12/24 09:09	08/12/24 16:08	1
Nickel	ND		0.010	0.0034	mg/L		08/12/24 09:09	08/12/24 16:08	1
Potassium	5.4		0.50	0.20	mg/L		08/12/24 09:09	08/12/24 16:08	1
Selenium	ND		0.025	0.0087	mg/L		08/12/24 09:09	08/12/24 16:08	1
Silver	ND		0.0060	0.0017	mg/L		08/12/24 09:09	08/12/24 16:08	1
Sodium	65.6		1.0	0.38	mg/L		08/12/24 09:09	08/12/24 16:08	1
Thallium	ND		0.020	0.010	mg/L		08/12/24 09:09	08/12/24 16:08	1
Vanadium	0.0019	J	0.0050	0.0015	mg/L		08/12/24 09:09	08/12/24 16:08	1
Zinc	0.038		0.010	0.0068	mg/L		08/12/24 09:09	08/12/24 16:08	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.00020	0.000042	mg/L		08/12/24 11:18	08/12/24 15:04	1

Client Sample ID: DRUM

Date Collected: 08/07/24 14:00

Date Received: 08/07/24 16:13

Lab Sample ID: 480-222377-8

Matrix: Water

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.0	1.6	ug/L			08/13/24 15:41	2
1,1,2,2-Tetrachloroethane	ND		2.0	0.42	ug/L			08/13/24 15:41	2
1,1,2-Trichloroethane	ND		2.0	0.46	ug/L			08/13/24 15:41	2
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		2.0	0.62	ug/L			08/13/24 15:41	2
1,1-Dichloroethane	ND		2.0	0.76	ug/L			08/13/24 15:41	2
1,1-Dichloroethene	ND		2.0	0.58	ug/L			08/13/24 15:41	2
1,2,4-Trichlorobenzene	ND		2.0	0.82	ug/L			08/13/24 15:41	2
1,2-Dibromo-3-Chloropropane	ND		2.0	0.78	ug/L			08/13/24 15:41	2
1,2-Dibromoethane	ND		2.0	1.5	ug/L			08/13/24 15:41	2
1,2-Dichlorobenzene	ND		2.0	1.6	ug/L			08/13/24 15:41	2
1,2-Dichloroethane	ND		2.0	0.42	ug/L			08/13/24 15:41	2
1,2-Dichloropropane	ND		2.0	1.4	ug/L			08/13/24 15:41	2
1,3-Dichlorobenzene	ND		2.0	1.6	ug/L			08/13/24 15:41	2
1,4-Dichlorobenzene	ND		2.0	1.7	ug/L			08/13/24 15:41	2
2-Hexanone	ND		10	2.5	ug/L			08/13/24 15:41	2
2-Butanone (MEK)	ND		20	2.6	ug/L			08/13/24 15:41	2
4-Methyl-2-pentanone (MIBK)	ND		10	4.2	ug/L			08/13/24 15:41	2
Acetone	ND		20	6.0	ug/L			08/13/24 15:41	2
Benzene	ND		2.0	0.82	ug/L			08/13/24 15:41	2
Bromodichloromethane	ND		2.0	0.78	ug/L			08/13/24 15:41	2
Bromoform	ND		2.0	0.52	ug/L			08/13/24 15:41	2

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: DRUM

Lab Sample ID: 480-222377-8

Date Collected: 08/07/24 14:00

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromomethane	ND		2.0	1.4	ug/L			08/13/24 15:41	2
Carbon disulfide	ND		2.0	0.38	ug/L			08/13/24 15:41	2
Carbon tetrachloride	ND		2.0	0.54	ug/L			08/13/24 15:41	2
Chlorobenzene	ND		2.0	1.5	ug/L			08/13/24 15:41	2
Dibromochloromethane	ND		2.0	0.64	ug/L			08/13/24 15:41	2
Chloroethane	ND		2.0	0.64	ug/L			08/13/24 15:41	2
Chloroform	ND		2.0	0.68	ug/L			08/13/24 15:41	2
Chloromethane	ND		2.0	0.70	ug/L			08/13/24 15:41	2
cis-1,2-Dichloroethene	89		2.0	1.6	ug/L			08/13/24 15:41	2
cis-1,3-Dichloropropene	ND		2.0	0.72	ug/L			08/13/24 15:41	2
Cyclohexane	ND		2.0	0.36	ug/L			08/13/24 15:41	2
Dichlorodifluoromethane	ND		2.0	1.4	ug/L			08/13/24 15:41	2
Ethylbenzene	ND		2.0	1.5	ug/L			08/13/24 15:41	2
Isopropylbenzene	ND		2.0	1.6	ug/L			08/13/24 15:41	2
Methyl acetate	ND		5.0	2.6	ug/L			08/13/24 15:41	2
Methyl tert-butyl ether	ND		2.0	0.32	ug/L			08/13/24 15:41	2
Methylcyclohexane	ND		2.0	0.32	ug/L			08/13/24 15:41	2
Methylene Chloride	ND		2.0	0.88	ug/L			08/13/24 15:41	2
Styrene	ND		2.0	1.5	ug/L			08/13/24 15:41	2
Tetrachloroethene	3.4		2.0	0.72	ug/L			08/13/24 15:41	2
Toluene	ND		2.0	1.0	ug/L			08/13/24 15:41	2
trans-1,2-Dichloroethene	ND		2.0	1.8	ug/L			08/13/24 15:41	2
trans-1,3-Dichloropropene	ND		2.0	0.74	ug/L			08/13/24 15:41	2
Trichloroethene	2.1		2.0	0.92	ug/L			08/13/24 15:41	2
Trichlorofluoromethane	ND		2.0	1.8	ug/L			08/13/24 15:41	2
Vinyl chloride	ND		2.0	1.8	ug/L			08/13/24 15:41	2
Xylenes, Total	ND		4.0	1.3	ug/L			08/13/24 15:41	2

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		77 - 120		08/13/24 15:41	2
Toluene-d8 (Surr)	104		80 - 120		08/13/24 15:41	2
4-Bromofluorobenzene (Surr)	95		73 - 120		08/13/24 15:41	2
Dibromofluoromethane (Surr)	99		75 - 123		08/13/24 15:41	2

Client Sample ID: DUP

Lab Sample ID: 480-222377-9

Date Collected: 08/07/24 10:00

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		1.0	0.82	ug/L			08/13/24 01:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.21	ug/L			08/13/24 01:47	1
1,1,2-Trichloroethane	ND		1.0	0.23	ug/L			08/13/24 01:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		1.0	0.31	ug/L			08/13/24 01:47	1
1,1-Dichloroethane	ND		1.0	0.38	ug/L			08/13/24 01:47	1
1,1-Dichloroethene	ND		1.0	0.29	ug/L			08/13/24 01:47	1
1,2,4-Trichlorobenzene	ND		1.0	0.41	ug/L			08/13/24 01:47	1
1,2-Dibromo-3-Chloropropane	ND		1.0	0.39	ug/L			08/13/24 01:47	1
1,2-Dibromoethane	ND		1.0	0.73	ug/L			08/13/24 01:47	1
1,2-Dichlorobenzene	ND		1.0	0.79	ug/L			08/13/24 01:47	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: DUP

Lab Sample ID: 480-222377-9

Date Collected: 08/07/24 10:00

Matrix: Water

Date Received: 08/07/24 16:13

Method: SW846 8260C - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane	ND		1.0	0.21	ug/L			08/13/24 01:47	1
1,2-Dichloropropane	ND		1.0	0.72	ug/L			08/13/24 01:47	1
1,3-Dichlorobenzene	ND		1.0	0.78	ug/L			08/13/24 01:47	1
1,4-Dichlorobenzene	ND		1.0	0.84	ug/L			08/13/24 01:47	1
2-Hexanone	ND		5.0	1.2	ug/L			08/13/24 01:47	1
2-Butanone (MEK)	ND		10	1.3	ug/L			08/13/24 01:47	1
4-Methyl-2-pentanone (MIBK)	ND		5.0	2.1	ug/L			08/13/24 01:47	1
Acetone	4.0	J	10	3.0	ug/L			08/13/24 01:47	1
Benzene	ND		1.0	0.41	ug/L			08/13/24 01:47	1
Bromodichloromethane	ND		1.0	0.39	ug/L			08/13/24 01:47	1
Bromoform	ND		1.0	0.26	ug/L			08/13/24 01:47	1
Bromomethane	ND		1.0	0.69	ug/L			08/13/24 01:47	1
Carbon disulfide	ND		1.0	0.19	ug/L			08/13/24 01:47	1
Carbon tetrachloride	ND		1.0	0.27	ug/L			08/13/24 01:47	1
Chlorobenzene	ND		1.0	0.75	ug/L			08/13/24 01:47	1
Dibromochloromethane	ND		1.0	0.32	ug/L			08/13/24 01:47	1
Chloroethane	ND		1.0	0.32	ug/L			08/13/24 01:47	1
Chloroform	ND		1.0	0.34	ug/L			08/13/24 01:47	1
Chloromethane	ND		1.0	0.35	ug/L			08/13/24 01:47	1
cis-1,2-Dichloroethene	ND		1.0	0.81	ug/L			08/13/24 01:47	1
cis-1,3-Dichloropropene	ND		1.0	0.36	ug/L			08/13/24 01:47	1
Cyclohexane	ND		1.0	0.18	ug/L			08/13/24 01:47	1
Dichlorodifluoromethane	ND		1.0	0.68	ug/L			08/13/24 01:47	1
Ethylbenzene	ND		1.0	0.74	ug/L			08/13/24 01:47	1
Isopropylbenzene	ND		1.0	0.79	ug/L			08/13/24 01:47	1
Methyl acetate	ND		2.5	1.3	ug/L			08/13/24 01:47	1
Methyl tert-butyl ether	ND		1.0	0.16	ug/L			08/13/24 01:47	1
Methylcyclohexane	ND		1.0	0.16	ug/L			08/13/24 01:47	1
Methylene Chloride	ND		1.0	0.44	ug/L			08/13/24 01:47	1
Styrene	ND		1.0	0.73	ug/L			08/13/24 01:47	1
Tetrachloroethene	ND		1.0	0.36	ug/L			08/13/24 01:47	1
Toluene	ND		1.0	0.51	ug/L			08/13/24 01:47	1
trans-1,2-Dichloroethene	ND		1.0	0.90	ug/L			08/13/24 01:47	1
trans-1,3-Dichloropropene	ND		1.0	0.37	ug/L			08/13/24 01:47	1
Trichloroethene	ND		1.0	0.46	ug/L			08/13/24 01:47	1
Trichlorofluoromethane	ND		1.0	0.88	ug/L			08/13/24 01:47	1
Vinyl chloride	ND		1.0	0.90	ug/L			08/13/24 01:47	1
Xylenes, Total	ND		2.0	0.66	ug/L			08/13/24 01:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		77 - 120		08/13/24 01:47	1
Toluene-d8 (Surr)	103		80 - 120		08/13/24 01:47	1
4-Bromofluorobenzene (Surr)	94		73 - 120		08/13/24 01:47	1
Dibromofluoromethane (Surr)	97		75 - 123		08/13/24 01:47	1

Method: EPA 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	338		0.20	0.088	mg/L		08/12/24 09:09	08/12/24 16:09	1
Antimony	0.010	J	0.020	0.0068	mg/L		08/12/24 09:09	08/12/24 16:09	1
Arsenic	0.096		0.015	0.0056	mg/L		08/12/24 09:09	08/12/24 16:09	1

Eurofins Buffalo

Client Sample Results

Client: Groundwater & Environmental Services Inc
Project/Site: NYSDEC Highland Plaza; 0924016

Job ID: 480-222377-1

Client Sample ID: DUP

Lab Sample ID: 480-222377-9

Date Collected: 08/07/24 10:00

Matrix: Water

Date Received: 08/07/24 16:13

Method: EPA 200.7 Rev 4.4 - Metals (ICP) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	2.2		0.0020	0.00070	mg/L		08/12/24 09:09	08/12/24 16:09	1
Beryllium	0.015		0.0020	0.00040	mg/L		08/12/24 09:09	08/12/24 16:09	1
Cadmium	0.0064		0.0020	0.00050	mg/L		08/12/24 09:09	08/12/24 16:09	1
Calcium	2320		5.0	1.3	mg/L		08/12/24 09:09	08/13/24 12:34	10
Chromium	0.92		0.0040	0.0024	mg/L		08/12/24 09:09	08/12/24 16:09	1
Cobalt	0.42		0.0040	0.00060	mg/L		08/12/24 09:09	08/12/24 16:09	1
Copper	0.66		0.010	0.0045	mg/L		08/12/24 09:09	08/12/24 16:09	1
Iron	268		0.050	0.026	mg/L		08/12/24 09:09	08/12/24 16:09	1
Lead	0.54		0.010	0.0039	mg/L		08/12/24 09:09	08/12/24 16:09	1
Magnesium	485		0.20	0.043	mg/L		08/12/24 09:09	08/12/24 16:09	1
Manganese	11.0		0.0030	0.0010	mg/L		08/12/24 09:09	08/12/24 16:09	1
Nickel	0.54		0.010	0.0034	mg/L		08/12/24 09:09	08/12/24 16:09	1
Potassium	84.2		0.50	0.20	mg/L		08/12/24 09:09	08/12/24 16:09	1
Selenium	ND		0.025	0.0087	mg/L		08/12/24 09:09	08/12/24 16:09	1
Silver	0.0074		0.0060	0.0017	mg/L		08/12/24 09:09	08/12/24 16:09	1
Sodium	44.0		1.0	0.38	mg/L		08/12/24 09:09	08/12/24 16:09	1
Thallium	ND		0.020	0.010	mg/L		08/12/24 09:09	08/12/24 16:09	1
Vanadium	0.64		0.0050	0.0015	mg/L		08/12/24 09:09	08/12/24 16:09	1
Zinc	2.1		0.010	0.0068	mg/L		08/12/24 09:09	08/12/24 16:09	1

Method: EPA 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0014		0.00060	0.00013	mg/L		08/12/24 11:18	08/12/24 15:06	1



CHAIN OF CUSTODY

Client: New York State Dept. of Environm

FED-EX Tracking #

PAGE 01

8/16/2024

CLIENT/REPORTING INFORMATION			PROJECT INFORMATION					BILLING INFORMATION										REQUESTED ANALYSIS					LAB USE ONLY	
Groundwater & Environmental Services, Inc. 6010 North Bailey Avenue, Amherst, NY 14226 Project Manager: Thomas Palmer TPalmer@gesonline.com GESInbox@gesonline.com			Project Name: NYSDEC Tonawanda Highland Pkwy215 Project Address: 215 Highland Parkway, Tonawanda, NY Project PSID #: 1038449					Groundwater & Environmental Services, Inc. ges-invoices@gesonline.com ATTN: Accounts Payable Invoice Instructions (Project #/ Phase / Task / Altorg) 0924016///1109																
Sampler(s) Name: Jessica Paterson			Sampler(s) Name:					number of preserved bottles																
Lab Sample #	Field ID / Point of Collection (Sys_loc_code)	Depth Interval (ft)	Date Sampled	Time Sampled	Sampler	Matrix	Total # Bottles	HCl	NaOH	HNO3	H2SO4	NONE	DI Water	MEOH	ENCORE	Amber	8260C - TCL VOC	200.7 - TAL Metals ICP	245.1 - Mercury	MS/MSD				
	MW-01		8/6/24	0903	JP	WG	4	3		1							X	X	X					
	MW-02		8/7/24	0730	JP	WG	4	3		1							X	X	X					
	MW-03		8/7	0840	JP	WG	4	3		1							X	X	X					
	MW-04		8/7	1235	JP	WG	4	3		1							X	X	X					
	MW-05R		8/7	1130	JP	WG	4	3		1							X	X	X					
	MW-06		8/7	1000	JP	WG	4	3		1							X	X	X					
	MW-07		8/7	1335	JP	WG	4	3		1							X	X	X	X				
	Drum		8/7	1400	JP	water	3	3									X	X	X					
	DUP		8/7	1000	JP	WG	4	3		0							X	X	X					
																	X	X	X					

Turnaround Time (Business Days)

Lab PM Approval / Date

Laboratory Information

Lab: Eurofins Environment Testing US - Buffalo

Address: 10 Hazelwood Drive Amherst, New York 14228

Phone: 716-504-9874 - John Beninati

Lab PM: John Beninati

Lab PM Email: John.Beninati@et.eurofinsus.com

Data Deliverable Information

- ☐ Commercial 'A' (Level 1) = Results Only
- ☐ Commercial 'B' (Level 2) = Results + QC Summary
- ☐ FULLT1 (Level 3 & 4)
- ☐ NJ Reduced = Results + QC Summary + Partial Raw Data
- ☐ Commercial 'C'
- ☐ NJ Data of Known Quality Protocol Reporting
- ☐ NYASP Category A
- ☒ NYASP Category B
- ☐ State Forms
- ☐ EDD Format
- ☐ Other

Please Email the EQ EDD Package to ges@equisonline.com

EQEDD Name: NYSDEC Tonawanda Highland Pkwy215_LabReport#.28739.EQEDD.zip

Sample Custody must be documented below each time samples change possession, including courier.			
Relinquished By Sampler:	Date / Time:	Received By:	
1 Jess Paterson - GES	1 8/7/24 1613	1	
Relinquished By:	Date / Time:	Received By:	
2	2	2	
Relinquished By:	Date / Time:	Received By:	
3	3	3	
Custody Seal Number:	☐ Intact ☐ Not Intact	☐ Preserved where applicable ☐ On Ice	Cooler Temp