BCP Eligibility Sampling

Notes Utilized Throughout Tables
Soil Tables
J - Estimated value
U - The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
T - Indicates that a quality control parameter has exceeded laboratory limits
ft bls - Feet below land surface
mg/kg - Milligrams per kilogram
NYSDEC - New York State Department of Environmental Conservation
SCO - Soil Cleanup Objectives
-- No SCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO
Shaded data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO
Groundwater Tables
J - Estimated Value
U - The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
T - Indicates that a quality control parameter has exceeded laboratory limits
µg/L - Micrograms per liter
NYSDEC - New York State Department of Environmental Conservation
AWQSGVs - Ambient Water-Quality Standards and Guidance Values
-- No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs

Table 1. Summary of Volatile Organic Compounds in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-1	SB-1	SB-2	SB-2	SB-2
			Sample Date:	11/04/2024	11/04/2024	11/04/2024	11/04/2024	02/07/2025
			Sample Depth (ft bls):	0 - 2	3 - 5	0 - 2	3 - 5	5 - 7
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
1,1,1-Trichloroethane (TCA)	100	0.68	MG/KG	0.00032 U	0.00032 U	0.00032 U	0.00036 U	0.00027 U
1,1,2,2-Tetrachloroethane	--	--	MG/KG	0.00029 U	0.00029 U	0.00029 U	0.00033 U	0.00025 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	MG/KG	0.00041 U	0.00041 U	0.00041 U	0.00047 U	0.00035 U
1,1,2-Trichloroethane	--	--	MG/KG	0.00024 U	0.00024 U	0.00024 U	0.00028 U	0.0002 U
1,1-Dichloroethane	26	0.27	MG/KG	0.00028 U	0.00028 U	0.00028 U	0.00032 U	0.00024 U
1,1-Dichloroethene	100	0.33	MG/KG	0.00031 U	0.00031 U	0.00031 U	0.00035 U	0.00026 U
1,2,3-Trichlorobenzene	--	--	MG/KG	0.00025 U	0.00025 U	0.00025 U	0.00028 U	0.00021 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.00049 U	0.00049 U	0.00049 U	0.00056 U	0.00041 U
1,2,4-Trimethylbenzene	52	3.6	MG/KG	0.00051 J	0.00034 U	0.00034 U	0.00038 U	0.00028 U
1,2-Dibromo-3-Chloropropane	--	--	MG/KG	0.00062 U	0.00063 U	0.00063 U	0.00072 U	0.00053 UT
1,2-Dibromoethane (Ethylene Dibromide)	--	--	MG/KG	0.00024 U	0.00025 U	0.00025 U	0.00028 U	0.00021 U
1,2-Dichlorobenzene	100	1.1	MG/KG	0.00049 U	0.00049 U	0.0005 U	0.00056 U	0.00041 U
1,2-Dichloroethane	3.1	0.02	MG/KG	0.0004 U	0.00041 U	0.00041 U	0.00046 U	0.00034 U
1,2-Dichloropropane	--	--	MG/KG	0.00057 U	0.00058 U	0.00058 U	0.00066 U	0.00049 U
1,3,5-Trimethylbenzene (Mesitylene)	52	8.4	MG/KG	0.00043 U	0.00043 U	0.00043 U	0.00049 U	0.00036 U
1,3-Dichlorobenzene	49	2.4	MG/KG	0.0005 U	0.0005 U	0.0005 U	0.00057 U	0.00042 U
1,4-Dichlorobenzene	13	1.8	MG/KG	0.00031 U	0.00031 U	0.00031 U	0.00035 U	0.00026 U
2-Hexanone	--	--	MG/KG	0.0023 U	0.0023 U	0.0023 U	0.0027 U	0.002 U
Acetone	100	0.05	MG/KG	0.0091	0.0078 U	0.0078 U	0.0089 U	0.0096
Benzene	4.8	0.06	MG/KG	0.00035 U	0.00035 U	0.00035 U	0.0004 U	0.0003 U
Bromochloromethane	--	--	MG/KG	0.00038 U	0.00038 U	0.00039 U	0.00044 U	0.00032 U
Bromodichloromethane	--	--	MG/KG	0.00035 U	0.00035 U	0.00035 U	0.0004 U	0.0003 U
Bromoform	--	--	MG/KG	0.00058 UT	0.00058 UT	0.00058 UT	0.00066 UT	0.00049 U
Bromomethane	--	--	MG/KG	0.0014 U	0.0014 U	0.0014 U	0.0016 U	0.0011 U
Carbon Disulfide	--	--	MG/KG	0.00036 U	0.00036 U	0.00036 U	0.00041 U	0.00031 U
Carbon Tetrachloride	2.4	0.76	MG/KG	0.00052 U	0.00053 U	0.00053 U	0.0006 U	0.00044 U
Chlorobenzene	100	1.1	MG/KG	0.00024 U	0.00024 U	0.00024 U	0.00028 U	0.0002 U
Chloroethane	--	--	MG/KG	0.00071 U	0.00071 U	0.00072 U	0.00081 U	0.0006 U
Chloroform	49	0.37	MG/KG	0.0013 U	0.0013 U	0.0013 U	0.0015 U	0.0011 U
Chloromethane	--	--	MG/KG	0.00059 U	0.0006 U	0.0006 U	0.00068 U	0.0005 U
Cis-1,2-Dichloroethylene	100	0.25	MG/KG	0.00049 U	0.00049 U	0.00049 U	0.00056 U	0.00041 U
Cis-1,3-Dichloropropene	--	--	MG/KG	0.00037 U	0.00037 U	0.00037 U	0.00042 U	0.00031 U

Table 1. Summary of Volatile Organic Compounds in Soil, 35-18 Steinway Street, Long Island City, New York

Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	Sample Designation: SB-1	SB-1	SB-2	SB-2	SB-2
				Sample Date: 11/04/2024	11/04/2024	11/04/2024	11/04/2024	02/07/2025
				Sample Depth (ft bls): 0 - 2	3 - 5	0 - 2	3 - 5	5 - 7
Cyclohexane	--	--	MG/KG	0.0003 U	0.0003 U	0.0003 U	0.00077 J	0.00025 U
Dibromochloromethane	--	--	MG/KG	0.00026 U	0.00027 U	0.00027 U	0.0003 U	0.00022 U
Dichlorodifluoromethane	--	--	MG/KG	0.00046 U	0.00046 U	0.00046 U	0.00053 U	0.00039 U
Ethylbenzene	41	1	MG/KG	0.00027 U	0.00027 U	0.00027 U	0.00031 U	0.00023 U
Isopropylbenzene (Cumene)	--	--	MG/KG	0.00039 U	0.00039 U	0.00039 U	0.00044 U	0.00033 U
m,p-Xylene	--	--	MG/KG	0.00024 U	0.00024 U	0.00024 U	0.00027 U	0.0002 U
Methyl Acetate	--	--	MG/KG	0.0058 UT	0.0059 UT	0.0059 UT	0.0067 UT	0.0049 U
Methyl Ethyl Ketone (2-Butanone)	100	0.12	MG/KG	0.0005 U	0.0005 U	0.0005 U	0.00057 U	0.00042 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	MG/KG	0.0021 U	0.0021 U	0.0021 U	0.0024 U	0.0018 U
Methylcyclohexane	--	--	MG/KG	0.00068 U	0.00068 U	0.00068 U	0.00078 U	0.00057 U
Methylene Chloride	100	0.05	MG/KG	0.0016 U	0.0016 U	0.0016 U	0.0018 U	0.0013 U
N-Butylbenzene	100	12	MG/KG	0.0004 U	0.0004 U	0.0004 U	0.00046 U	0.00034 U
N-Propylbenzene	100	3.9	MG/KG	0.00024 U	0.00024 U	0.00024 U	0.00027 U	0.0002 U
O-Xylene (1,2-Dimethylbenzene)	--	--	MG/KG	0.00026 U	0.00027 U	0.00027 U	0.0003 U	0.00022 U
Sec-Butylbenzene	100	11	MG/KG	0.00039 U	0.00039 U	0.0004 U	0.00045 U	0.00033 U
Styrene	--	--	MG/KG	0.00038 U	0.00038 U	0.00038 U	0.00043 U	0.00032 U
T-Butylbenzene	100	5.9	MG/KG	0.00037 U	0.00038 U	0.00038 U	0.00043 U	0.00032 U
Tert-Butyl Methyl Ether	100	0.93	MG/KG	0.00069 U	0.0007 U	0.0007 U	0.0008 U	0.00059 U
Tetrachloroethylene (PCE)	19	1.3	MG/KG	0.00041 U	0.00042 U	0.00042 U	0.00047 U	0.00035 U
Toluene	100	0.7	MG/KG	0.00032 U	0.00032 U	0.00032 U	0.00036 U	0.00027 U
Trans-1,2-Dichloroethene	100	0.19	MG/KG	0.00033 U	0.00034 U	0.00034 U	0.00038 U	0.00028 U
Trans-1,3-Dichloropropene	--	--	MG/KG	0.00036 U	0.00036 U	0.00036 U	0.00041 U	0.00031 U
Trichloroethylene (TCE)	21	0.47	MG/KG	0.00044 U	0.00044 U	0.00044 U	0.0005 U	0.00037 U
Trichlorofluoromethane	--	--	MG/KG	0.00055 U	0.00056 U	0.00056 U	0.00063 U	0.00047 U
Vinyl Chloride	0.9	0.02	MG/KG	0.00074 U	0.00075 U	0.00075 U	0.00085 U	0.00063 U
Xylenes	100	1.6	MG/KG	0.00024 U	0.00024 U	0.00024 U	0.00027 U	0.0002 U

Table 1. Summary of Volatile Organic Compounds in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-3	SB-4	SB-4	SB-5	SB-5
			Sample Date:	11/04/2024	11/04/2024	11/04/2024	11/04/2024	11/04/2024
			Sample Depth (ft bls):	0 - 2	0 - 2	3 - 5	0 - 2	3 - 5
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
1,1,1-Trichloroethane (TCA)	100	0.68	MG/KG	0.00029 U	0.00032 U	0.00033 U	0.00045 U	0.00033 U
1,1,2,2-Tetrachloroethane	--	--	MG/KG	0.00027 U	0.00029 U	0.00031 U	0.00041 U	0.00031 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	MG/KG	0.00038 U	0.00041 U	0.00043 U	0.00058 U	0.00043 U
1,1,2-Trichloroethane	--	--	MG/KG	0.00022 U	0.00024 U	0.00026 U	0.00035 U	0.00025 U
1,1-Dichloroethane	26	0.27	MG/KG	0.00026 U	0.00028 U	0.0003 U	0.0004 U	0.00029 U
1,1-Dichloroethene	100	0.33	MG/KG	0.00028 U	0.00031 U	0.00032 U	0.00044 U	0.00032 U
1,2,3-Trichlorobenzene	--	--	MG/KG	0.00023 U	0.00025 U	0.00026 U	0.00035 U	0.00026 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.00045 U	0.00049 U	0.00051 U	0.00069 U	0.00051 U
1,2,4-Trimethylbenzene	52	3.6	MG/KG	0.00094 J	0.00033 U	0.00035 U	0.00048 U	0.00035 U
1,2-Dibromo-3-Chloropropane	--	--	MG/KG	0.00057 U	0.00063 U	0.00066 U	0.00089 U	0.00066 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	MG/KG	0.00022 U	0.00024 U	0.00026 U	0.00035 U	0.00026 U
1,2-Dichlorobenzene	100	1.1	MG/KG	0.00045 U	0.00049 U	0.00052 U	0.0007 U	0.00052 U
1,2-Dichloroethane	3.1	0.02	MG/KG	0.00037 U	0.0004 U	0.00043 U	0.00057 U	0.00042 U
1,2-Dichloropropane	--	--	MG/KG	0.00053 U	0.00058 U	0.00061 U	0.00082 U	0.0006 U
1,3,5-Trimethylbenzene (Mesitylene)	52	8.4	MG/KG	0.00039 U	0.00043 U	0.00045 U	0.00061 U	0.00045 U
1,3-Dichlorobenzene	49	2.4	MG/KG	0.00045 U	0.0005 U	0.00052 U	0.00071 U	0.00052 U
1,4-Dichlorobenzene	13	1.8	MG/KG	0.00028 U	0.00031 U	0.00032 U	0.00044 U	0.00032 U
2-Hexanone	--	--	MG/KG	0.0021 U	0.0023 U	0.0025 U	0.0033 U	0.0024 U
Acetone	100	0.05	MG/KG	0.009	0.0078 U	0.011	0.011 U	0.0082 U
Benzene	4.8	0.06	MG/KG	0.00032 U	0.00035 U	0.00037 U	0.0005 U	0.00037 U
Bromochloromethane	--	--	MG/KG	0.00035 U	0.00038 U	0.0004 U	0.00054 U	0.0004 U
Bromodichloromethane	--	--	MG/KG	0.00032 U	0.00035 U	0.00037 U	0.0005 U	0.00037 U
Bromoform	--	--	MG/KG	0.00053 UT	0.00058 UT	0.00061 UT	0.00082 UT	0.00061 UT
Bromomethane	--	--	MG/KG	0.0012 U	0.0014 U	0.0014 U	0.0019 U	0.0014 U
Carbon Disulfide	--	--	MG/KG	0.00033 U	0.00036 U	0.00038 U	0.00052 U	0.00038 U
Carbon Tetrachloride	2.4	0.76	MG/KG	0.00048 U	0.00053 U	0.00056 U	0.00075 U	0.00055 U
Chlorobenzene	100	1.1	MG/KG	0.00022 U	0.00024 U	0.00025 U	0.00034 U	0.00025 U
Chloroethane	--	--	MG/KG	0.00065 U	0.00071 U	0.00075 U	0.001 U	0.00075 U
Chloroform	49	0.37	MG/KG	0.0012 U	0.0013 U	0.0014 U	0.0019 U	0.0014 U
Chloromethane	--	--	MG/KG	0.00054 U	0.00059 U	0.00063 U	0.00084 U	0.00062 U
Cis-1,2-Dichloroethylene	100	0.25	MG/KG	0.00045 U	0.00049 U	0.00051 U	0.00069 U	0.00051 U
Cis-1,3-Dichloropropene	--	--	MG/KG	0.00034 U	0.00037 U	0.00039 U	0.00053 U	0.00039 U

Table 1. Summary of Volatile Organic Compounds in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-3	SB-4	SB-4	SB-5	SB-5
			Sample Date:	11/04/2024	11/04/2024	11/04/2024	11/04/2024	11/04/2024
			Sample Depth (ft bls):	0 - 2	0 - 2	3 - 5	0 - 2	3 - 5
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
Cyclohexane	--	--	MG/KG	0.00028 U	0.0003 U	0.00032 U	0.00043 U	0.00032 U
Dibromochloromethane	--	--	MG/KG	0.00024 U	0.00026 U	0.00028 U	0.00038 U	0.00028 U
Dichlorodifluoromethane	--	--	MG/KG	0.00042 U	0.00046 U	0.00049 U	0.00066 U	0.00048 U
Ethylbenzene	41	1	MG/KG	0.00025 U	0.00027 U	0.00029 U	0.00039 U	0.00028 U
Isopropylbenzene (Cumene)	--	--	MG/KG	0.00036 U	0.00039 U	0.00041 U	0.00055 U	0.00041 U
m,p-Xylene	--	--	MG/KG	0.00022 U	0.00024 U	0.00025 U	0.00034 U	0.00025 U
Methyl Acetate	--	--	MG/KG	0.0054 UT	0.0058 UT	0.0062 UT	0.0083 UT	0.0061 UT
Methyl Ethyl Ketone (2-Butanone)	100	0.12	MG/KG	0.00046 U	0.0005 U	0.00053 U	0.00071 U	0.00053 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	MG/KG	0.0019 U	0.0021 U	0.0022 U	0.003 U	0.0022 U
Methylcyclohexane	--	--	MG/KG	0.00062 U	0.00068 U	0.00072 U	0.00097 U	0.00071 U
Methylene Chloride	100	0.05	MG/KG	0.0014 U	0.0016 U	0.0016 U	0.0022 U	0.0016 U
N-Butylbenzene	100	12	MG/KG	0.00037 U	0.0004 U	0.00042 U	0.00057 U	0.00042 U
N-Propylbenzene	100	3.9	MG/KG	0.00022 U	0.00024 U	0.00025 U	0.00034 U	0.00025 U
O-Xylene (1,2-Dimethylbenzene)	--	--	MG/KG	0.00024 U	0.00026 U	0.00028 U	0.00038 U	0.00028 U
Sec-Butylbenzene	100	11	MG/KG	0.00036 U	0.00039 U	0.00041 U	0.00056 U	0.00041 U
Styrene	--	--	MG/KG	0.00035 U	0.00038 U	0.0004 U	0.00054 U	0.0004 U
T-Butylbenzene	100	5.9	MG/KG	0.00034 U	0.00038 U	0.0004 U	0.00054 U	0.00039 U
Tert-Butyl Methyl Ether	100	0.93	MG/KG	0.00064 U	0.0007 U	0.00074 U	0.00099 U	0.00073 U
Tetrachloroethylene (PCE)	19	1.3	MG/KG	0.00038 U	0.00041 U	0.00044 U	0.00059 U	0.00044 U
Toluene	100	0.7	MG/KG	0.00029 U	0.00032 U	0.00034 U	0.00045 U	0.00033 U
Trans-1,2-Dichloroethene	100	0.19	MG/KG	0.00031 U	0.00033 U	0.00035 U	0.00048 U	0.00035 U
Trans-1,3-Dichloropropene	--	--	MG/KG	0.00033 U	0.00036 U	0.00038 U	0.00052 U	0.00038 U
Trichloroethylene (TCE)	21	0.47	MG/KG	0.0004 U	0.00044 U	0.00046 U	0.00062 U	0.00046 U
Trichlorofluoromethane	--	--	MG/KG	0.00051 U	0.00055 U	0.00058 U	0.00079 U	0.00058 U
Vinyl Chloride	0.9	0.02	MG/KG	0.00068 U	0.00074 U	0.00078 U	0.0011 U	0.00078 U
Xylenes	100	1.6	MG/KG	0.00022 U	0.00024 U	0.00025 U	0.00034 U	0.00025 U

Table 1. Summary of Volatile Organic Compounds in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-5
			Sample Date:	02/07/2025
			Sample Depth (ft bls):	16 - 18
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	
1,1,1-Trichloroethane (TCA)	100	0.68	MG/KG	0.00028 U
1,1,2,2-Tetrachloroethane	--	--	MG/KG	0.00025 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	MG/KG	0.00036 U
1,1,2-Trichloroethane	--	--	MG/KG	0.00021 U
1,1-Dichloroethane	26	0.27	MG/KG	0.00024 U
1,1-Dichloroethene	100	0.33	MG/KG	0.00027 U
1,2,3-Trichlorobenzene	--	--	MG/KG	0.00021 U
1,2,4-Trichlorobenzene	--	--	MG/KG	0.00042 U
1,2,4-Trimethylbenzene	52	3.6	MG/KG	0.00029 U
1,2-Dibromo-3-Chloropropane	--	--	MG/KG	0.00054 UT
1,2-Dibromoethane (Ethylene Dibromide)	--	--	MG/KG	0.00021 U
1,2-Dichlorobenzene	100	1.1	MG/KG	0.00043 U
1,2-Dichloroethane	3.1	0.02	MG/KG	0.00035 U
1,2-Dichloropropane	--	--	MG/KG	0.0005 U
1,3,5-Trimethylbenzene (Mesitylene)	52	8.4	MG/KG	0.00037 U
1,3-Dichlorobenzene	49	2.4	MG/KG	0.00043 U
1,4-Dichlorobenzene	13	1.8	MG/KG	0.00027 U
2-Hexanone	--	--	MG/KG	0.002 U
Acetone	100	0.05	MG/KG	0.0068 U
Benzene	4.8	0.06	MG/KG	0.00031 U
Bromochloromethane	--	--	MG/KG	0.00033 U
Bromodichloromethane	--	--	MG/KG	0.0003 U
Bromoform	--	--	MG/KG	0.0005 U
Bromomethane	--	--	MG/KG	0.0012 U
Carbon Disulfide	--	--	MG/KG	0.00031 U
Carbon Tetrachloride	2.4	0.76	MG/KG	0.00046 U
Chlorobenzene	100	1.1	MG/KG	0.00021 U
Chloroethane	--	--	MG/KG	0.00062 U
Chloroform	49	0.37	MG/KG	0.0011 U
Chloromethane	--	--	MG/KG	0.00052 U
Cis-1,2-Dichloroethylene	100	0.25	MG/KG	0.00042 U
Cis-1,3-Dichloropropene	--	--	MG/KG	0.00032 U

Table 1. Summary of Volatile Organic Compounds in Soil, 35-18 Steinway Street, Long Island City, New York

Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	Sample Designation: SB-5 Sample Date: 02/07/2025 Sample Depth (ft bls): 16 - 18
Cyclohexane	--	--	MG/KG	0.00026 U
Dibromochloromethane	--	--	MG/KG	0.00023 U
Dichlorodifluoromethane	--	--	MG/KG	0.0004 U
Ethylbenzene	41	1	MG/KG	0.00024 U
Isopropylbenzene (Cumene)	--	--	MG/KG	0.00034 U
m,p-Xylene	--	--	MG/KG	0.00021 U
Methyl Acetate	--	--	MG/KG	0.0051 U
Methyl Ethyl Ketone (2-Butanone)	100	0.12	MG/KG	0.00044 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	MG/KG	0.0018 U
Methylcyclohexane	--	--	MG/KG	0.00059 U
Methylene Chloride	100	0.05	MG/KG	0.0014 U
N-Butylbenzene	100	12	MG/KG	0.00035 U
N-Propylbenzene	100	3.9	MG/KG	0.00021 U
O-Xylene (1,2-Dimethylbenzene)	--	--	MG/KG	0.00023 U
Sec-Butylbenzene	100	11	MG/KG	0.00034 U
Styrene	--	--	MG/KG	0.00033 U
T-Butylbenzene	100	5.9	MG/KG	0.00033 U
Tert-Butyl Methyl Ether	100	0.93	MG/KG	0.00061 U
Tetrachloroethylene (PCE)	19	1.3	MG/KG	0.00036 U
Toluene	100	0.7	MG/KG	0.00028 U
Trans-1,2-Dichloroethene	100	0.19	MG/KG	0.00029 U
Trans-1,3-Dichloropropene	--	--	MG/KG	0.00031 U
Trichloroethylene (TCE)	21	0.47	MG/KG	0.00038 U
Trichlorofluoromethane	--	--	MG/KG	0.00048 U
Vinyl Chloride	0.9	0.02	MG/KG	0.00065 U
Xylenes	100	1.6	MG/KG	0.00021 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-1	SB-1	SB-2	SB-2	SB-2	SB-3
			Sample Date:	11/04/2024	11/04/2024	11/04/2024	11/04/2024	02/07/2025	11/04/2024
			Sample Depth (ft bls):	0 - 2	3 - 5	0 - 2	3 - 5	5 - 7	0 - 2
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
1,2,4,5-Tetrachlorobenzene	--	--	MG/KG	0.01 U	0.01 U	0.01 U	0.01 U	0.053 U	0.01 U
1,4-Dioxane (P-Dioxane)	13	0.1	MG/KG	0.029 U	0.029 U	0.029 U	0.029 U	0.15 U	0.029 U
2,3,4,6-Tetrachlorophenol	--	--	MG/KG	0.023 U	0.023 U	0.023 U	0.023 U	0.11 U	0.023 U
2,4,5-Trichlorophenol	--	--	MG/KG	0.034 U	0.034 U	0.034 U	0.034 U	0.17 U	0.034 U
2,4,6-Trichlorophenol	--	--	MG/KG	0.043 U	0.043 U	0.043 U	0.043 U	0.22 U	0.043 U
2,4-Dichlorophenol	--	--	MG/KG	0.021 U	0.021 U	0.022 U	0.022 U	0.11 U	0.021 U
2,4-Dimethylphenol	--	--	MG/KG	0.04 U	0.04 U	0.04 U	0.04 U	0.2 UT	0.04 U
2,4-Dinitrophenol	--	--	MG/KG	0.16 U	0.16 U	0.17 U	0.17 U	0.83 U	0.16 U
2,4-Dinitrotoluene	--	--	MG/KG	0.036 U	0.036 U	0.036 U	0.036 U	0.18 U	0.036 U
2,6-Dinitrotoluene	--	--	MG/KG	0.024 U	0.024 U	0.024 U	0.024 U	0.12 U	0.024 U
2-Chloronaphthalene	--	--	MG/KG	0.015 U	0.015 U	0.016 U	0.016 U	0.078 U	0.015 U
2-Chlorophenol	--	--	MG/KG	0.012 U	0.012 U	0.012 U	0.012 U	0.06 U	0.012 U
2-Methylnaphthalene	--	--	MG/KG	0.028 J	0.012 J	0.023 J	0.03 J	0.047 U	0.1 J
2-Methylphenol (O-Cresol)	100	0.33	MG/KG	0.012 U	0.012 U	0.013 U	0.013 U	0.063 U	0.012 U
2-Nitroaniline	--	--	MG/KG	0.025 U	0.025 U	0.026 U	0.026 U	0.13 U	0.025 U
2-Nitrophenol	--	--	MG/KG	0.033 U	0.033 U	0.034 U	0.034 U	0.17 U	0.033 U
3,3'-Dichlorobenzidine	--	--	MG/KG	0.05 U	0.05 U	0.051 U	0.051 U	0.26 U	0.05 U
3-Nitroaniline	--	--	MG/KG	0.079 U	0.079 U	0.08 U	0.08 U	0.4 UT	0.079 U
4,6-Dinitro-2-Methylphenol	--	--	MG/KG	0.14 U	0.14 U	0.14 U	0.14 U	0.69 U	0.14 U
4-Bromophenyl Phenyl Ether	--	--	MG/KG	0.013 U	0.013 U	0.013 U	0.013 U	0.067 U	0.013 U
4-Chloro-3-Methylphenol	--	--	MG/KG	0.019 U	0.019 U	0.019 U	0.019 U	0.095 U	0.019 U
4-Chloroaniline	--	--	MG/KG	0.059 U	0.059 U	0.06 U	0.06 U	0.3 UT	0.059 U
4-Chlorophenyl Phenyl Ether	--	--	MG/KG	0.012 U	0.012 U	0.012 U	0.012 U	0.06 U	0.012 U
4-Methylphenol (P-Cresol)	100	0.33	MG/KG	0.021 U	0.021 U	0.021 U	0.021 U	0.11 U	0.021 U
4-Nitroaniline	--	--	MG/KG	0.038 U	0.038 U	0.039 U	0.039 U	0.19 U	0.038 U
4-Nitrophenol	--	--	MG/KG	0.054 U	0.054 U	0.055 U	0.055 U	0.28 U	0.054 U
Acenaphthene	100	98	MG/KG	0.018 J	0.015 J	0.012 J	0.3 J	0.12 J	0.6
Acenaphthylene	100	107	MG/KG	0.069 J	0.065 J	0.051 J	0.073 J	0.058 J	0.092 J
Acetophenone	--	--	MG/KG	0.016 U	0.016 U	0.016 U	0.016 U	0.083 U	0.069 J
Anthracene	100	1000	MG/KG	0.085 J	0.075 J	0.061 J	0.58	0.3 J	1.7
Atrazine	--	--	MG/KG	0.02 U	0.02 U	0.02 U	0.02 U	0.1 U	0.02 U
Benzaldehyde	--	--	MG/KG	0.055 U	0.055 U	0.056 U	0.056 U	0.28 U	0.055 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-1	SB-1	SB-2	SB-2	SB-2	SB-3
			Sample Date:	11/04/2024	11/04/2024	11/04/2024	11/04/2024	02/07/2025	11/04/2024
			Sample Depth (ft bls):	0 - 2	3 - 5	0 - 2	3 - 5	5 - 7	0 - 2
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Benzo(A)Anthracene	**1**	1	MG/KG	0.41	0.42	0.27	**2.5**	**1.5**	**5.2**
Benzo(A)Pyrene	**1**	22	MG/KG	0.55	0.59	0.34	**2.8**	**1.5**	**5.8**
Benzo(B)Fluoranthene	**1**	1.7	MG/KG	0.72	0.7	0.48	**3.6**	**1.9**	**7.7**
Benzo(G,H,I)Perylene	100	1000	MG/KG	0.31 J	0.57	0.21 J	1.3	0.87 J	3
Benzo(K)Fluoranthene	3.9	1.7	MG/KG	0.27	0.27	0.17	1.5	0.75	3
Benzyl Butyl Phthalate	--	--	MG/KG	0.016 U	0.016 U	0.016 U	0.043 J	350	0.016 U
Biphenyl (Diphenyl)	--	--	MG/KG	0.012 U	0.012 U	0.012 U	0.021 J	0.059 U	0.04 J
Bis(2-Chloroethoxy) Methane	--	--	MG/KG	0.026 U	0.026 U	0.026 U	0.026 U	0.13 U	0.026 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	MG/KG	0.012 U	0.012 U	0.012 U	0.012 U	0.059 U	0.012 U
Bis(2-Chloroisopropyl) Ether	--	--	MG/KG	0.02 U	0.02 U	0.02 U	0.02 U	0.1 U	0.02 U
Bis(2-Ethylhexyl) Phthalate	--	--	MG/KG	0.018 U	0.018 U	0.043 J	5.6	320	0.018 U
Caprolactam	--	--	MG/KG	0.052 U	0.052 U	0.052 U	0.052 U	0.26 U	0.052 U
Carbazole	--	--	MG/KG	0.025 J	0.022 J	0.014 J	0.21 J	0.099 J	0.6
Chrysene	**3.9**	1	MG/KG	0.47	0.45	0.33 J	2.5	1.4 J	**5**
Cresols, M & P	100	0.33	MG/KG	0.021 U	0.021 U	0.021 U	0.021 U	0.11 U	0.021 U
Dibenz(A,H)Anthracene	**0.33**	1000	MG/KG	0.082	0.11	0.047	**0.37**	0.22	**0.78**
Dibenzofuran	59	210	MG/KG	0.015 J	0.014 J	0.011 J	0.081 J	0.057 U	0.32 J
Diethyl Phthalate	--	--	MG/KG	0.011 U	0.011 U	0.011 U	0.011 U	0.055 U	0.011 U
Dimethyl Phthalate	--	--	MG/KG	0.076 U	0.076 U	0.076 U	0.076 U	0.39 U	0.076 U
Di-N-Butyl Phthalate	--	--	MG/KG	0.071 J	0.089 J	0.039 J	0.027 J	0.37 J	0.013 U
Di-N-Octylphthalate	--	--	MG/KG	0.018 U	0.018 U	0.018 U	0.018 U	0.09 U	0.018 U
Fluoranthene	100	1000	MG/KG	0.58	0.66	0.41	4.4	2.5	9.6
Fluorene	100	386	MG/KG	0.015 J	0.013 J	0.014 J	0.16 J	0.092 J	0.55
Hexachlorobenzene	1.2	3.2	MG/KG	0.016 U	0.016 U	0.016 U	0.016 U	0.081 U	0.016 U
Hexachlorobutadiene	--	--	MG/KG	0.0071 U	0.0071 U	0.0072 U	0.0071 U	0.036 U	0.0071 U
Hexachlorocyclopentadiene	--	--	MG/KG	0.029 U	0.029 U	0.029 U	0.029 U	0.15 UT	0.029 U
Hexachloroethane	--	--	MG/KG	0.011 U	0.011 U	0.012 U	0.012 U	0.058 U	0.011 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	8.2	MG/KG	0.31	0.5	0.18	**1.4**	**0.71**	**3**
Isophorone	--	--	MG/KG	0.097 U	0.097 U	0.097 U	0.097 U	0.49 U	0.096 U
Naphthalene	100	12	MG/KG	0.034 J	0.034 J	0.022 J	0.072 J	0.039 J	0.18 J
Nitrobenzene	--	--	MG/KG	0.019 U	0.019 U	0.019 U	0.019 U	0.094 U	0.019 U
N-Nitrosodi-N-Propylamine	--	--	MG/KG	0.024 U	0.024 U	0.024 U	0.024 U	0.12 U	0.024 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-1	SB-1	SB-2	SB-2	SB-2	SB-3
			Sample Date:	11/04/2024	11/04/2024	11/04/2024	11/04/2024	02/07/2025	11/04/2024
			Sample Depth (ft bls):	0 - 2	3 - 5	0 - 2	3 - 5	5 - 7	0 - 2
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
N-Nitrosodiphenylamine	--	--	MG/KG	0.027 U	0.027 U	0.028 U	0.028 U	0.14 U	0.027 U
Pentachlorophenol	6.7	0.8	MG/KG	0.069 U	0.068 U	0.069 U	0.069 U	0.35 U	0.068 U
Phenanthrene	100	1000	MG/KG	0.23 J	0.28 J	0.16 J	2.2	1.1 J	6.1
Phenol	100	0.33	MG/KG	0.012 U	0.012 U	0.012 U	0.012 U	0.062 U	0.012 U
Pyrene	100	1000	MG/KG	0.62	0.69	0.43	4.1	2.2	8.9

Table 2. Summary of Semivolatile Organic Compounds in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-4	SB-4	SB-5	SB-5
			Sample Date:	11/04/2024	11/04/2024	11/04/2024	11/04/2024
			Sample Depth (ft bls):	0 - 2	3 - 5	0 - 2	3 - 5
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
1,2,4,5-Tetrachlorobenzene	--	--	MG/KG	0.01 U	0.011 U	0.01 U	0.01 U
1,4-Dioxane (P-Dioxane)	13	0.1	MG/KG	0.029 U	0.03 U	0.029 U	0.029 U
2,3,4,6-Tetrachlorophenol	--	--	MG/KG	0.023 U	0.023 U	0.023 U	0.023 U
2,4,5-Trichlorophenol	--	--	MG/KG	0.034 U	0.035 U	0.034 U	0.034 U
2,4,6-Trichlorophenol	--	--	MG/KG	0.043 U	0.044 U	0.043 U	0.043 U
2,4-Dichlorophenol	--	--	MG/KG	0.022 U	0.022 U	0.021 U	0.021 U
2,4-Dimethylphenol	--	--	MG/KG	0.04 U	0.041 U	0.04 U	0.04 U
2,4-Dinitrophenol	--	--	MG/KG	0.16 U	0.17 U	0.16 U	0.16 U
2,4-Dinitrotoluene	--	--	MG/KG	0.036 U	0.037 U	0.036 U	0.036 U
2,6-Dinitrotoluene	--	--	MG/KG	0.024 U	0.025 U	0.024 U	0.024 U
2-Chloronaphthalene	--	--	MG/KG	0.016 U	0.016 U	0.015 U	0.015 U
2-Chlorophenol	--	--	MG/KG	0.012 U	0.012 U	0.012 U	0.012 U
2-Methylnaphthalene	--	--	MG/KG	0.034 J	0.019 J	0.045 J	0.039 J
2-Methylphenol (O-Cresol)	100	0.33	MG/KG	0.013 U	0.013 U	0.012 U	0.012 U
2-Nitroaniline	--	--	MG/KG	0.026 U	0.026 U	0.025 U	0.025 U
2-Nitrophenol	--	--	MG/KG	0.034 U	0.034 U	0.033 U	0.033 U
3,3'-Dichlorobenzidine	--	--	MG/KG	0.051 U	0.051 U	0.05 U	0.05 U
3-Nitroaniline	--	--	MG/KG	0.08 U	0.081 U	0.079 U	0.079 U
4,6-Dinitro-2-Methylphenol	--	--	MG/KG	0.14 U	0.14 U	0.14 U	0.14 U
4-Bromophenyl Phenyl Ether	--	--	MG/KG	0.013 U	0.013 U	0.013 U	0.013 U
4-Chloro-3-Methylphenol	--	--	MG/KG	0.019 U	0.019 U	0.019 U	0.037 J
4-Chloroaniline	--	--	MG/KG	0.06 U	0.06 U	0.059 U	0.059 U
4-Chlorophenyl Phenyl Ether	--	--	MG/KG	0.012 U	0.012 U	0.012 U	0.012 U
4-Methylphenol (P-Cresol)	100	0.33	MG/KG	0.021 U	0.021 U	0.021 U	0.021 U
4-Nitroaniline	--	--	MG/KG	0.039 U	0.039 U	0.038 U	0.038 U
4-Nitrophenol	--	--	MG/KG	0.055 U	0.055 U	0.054 U	0.054 U
Acenaphthene	100	98	MG/KG	0.16 J	0.14 J	0.062 J	0.53
Acenaphthylene	100	107	MG/KG	0.12 J	0.041 J	0.057 J	0.062 J
Acetophenone	--	--	MG/KG	0.016 U	0.017 U	0.016 U	0.016 U
Anthracene	100	1000	MG/KG	0.37	0.34	0.22 J	1.5
Atrazine	--	--	MG/KG	0.02 U	0.02 U	0.02 U	0.02 U
Benzaldehyde	--	--	MG/KG	0.055 U	0.056 U	0.055 U	0.055 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 35-18 Steinway Street, Long Island City, New York

Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	Sample Designation: SB-4	SB-4	SB-5	SB-5
				Sample Date: 11/04/2024	11/04/2024	11/04/2024	11/04/2024
				Sample Depth (ft bls): 0 - 2	3 - 5	0 - 2	3 - 5
Benzo(A)Anthracene	**1**	1	MG/KG	**1.8**	**1.6**	**1.2**	**3.8**
Benzo(A)Pyrene	**1**	22	MG/KG	**2**	**1.6**	**1.4**	**3.5**
Benzo(B)Fluoranthene	**1**	1.7	MG/KG	**2.7**	**2**	**1.9**	**4.5**
Benzo(G,H,I)Perylene	100	1000	MG/KG	0.98	1	0.7	1.8
Benzo(K)Fluoranthene	3.9	1.7	MG/KG	0.97	0.79	0.65	1.6
Benzyl Butyl Phthalate	--	--	MG/KG	0.016 U	0.016 U	0.016 U	0.016 U
Biphenyl (Diphenyl)	--	--	MG/KG	0.012 U	0.012 U	0.017 J	0.017 J
Bis(2-Chloroethoxy) Methane	--	--	MG/KG	0.026 U	0.026 U	0.026 U	0.026 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	MG/KG	0.012 U	0.012 U	0.012 U	0.012 U
Bis(2-Chloroisopropyl) Ether	--	--	MG/KG	0.02 U	0.02 U	0.02 U	0.02 U
Bis(2-Ethylhexyl) Phthalate	--	--	MG/KG	0.018 U	0.018 U	0.044 J	0.018 U
Caprolactam	--	--	MG/KG	0.052 U	0.053 U	0.052 U	0.052 U
Carbazole	--	--	MG/KG	0.12 J	0.13 J	0.065 J	0.26 J
Chrysene	**3.9**	1	MG/KG	1.8	1.5	1.2	3.9
Cresols, M & P	100	0.33	MG/KG	0.021 U	0.021 U	0.021 U	0.021 U
Dibenz(A,H)Anthracene	**0.33**	1000	MG/KG	0.26	0.25	0.18	**0.51**
Dibenzofuran	59	210	MG/KG	0.062 J	0.052 J	0.058 J	0.18 J
Diethyl Phthalate	--	--	MG/KG	0.011 U	0.011 U	0.011 U	0.011 U
Dimethyl Phthalate	--	--	MG/KG	0.076 U	0.077 U	0.076 U	0.076 U
Di-N-Butyl Phthalate	--	--	MG/KG	0.081 J	0.048 J	0.087 J	0.013 U
Di-N-Octylphthalate	--	--	MG/KG	0.018 U	0.018 U	0.018 U	0.018 U
Fluoranthene	100	1000	MG/KG	2.9	2.9	1.5	7.8
Fluorene	100	386	MG/KG	0.1 J	0.097 J	0.042 J	0.39
Hexachlorobenzene	1.2	3.2	MG/KG	0.016 U	0.016 U	0.016 U	0.016 U
Hexachlorobutadiene	--	--	MG/KG	0.0071 U	0.0072 U	0.0071 U	0.0071 U
Hexachlorocyclopentadiene	--	--	MG/KG	0.029 U	0.03 U	0.029 U	0.029 U
Hexachloroethane	--	--	MG/KG	0.012 U	0.012 U	0.011 U	0.011 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	8.2	MG/KG	**0.99**	**1**	**0.69**	**1.8**
Isophorone	--	--	MG/KG	0.097 U	0.098 U	0.096 U	0.097 U
Naphthalene	100	12	MG/KG	0.078 J	0.038 J	0.1 J	0.026 J
Nitrobenzene	--	--	MG/KG	0.019 U	0.019 U	0.018 U	0.019 U
N-Nitrosodi-N-Propylamine	--	--	MG/KG	0.024 U	0.025 U	0.024 U	0.024 U

Table 2. Summary of Semivolatile Organic Compounds in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-4	SB-4	SB-5	SB-5
			Sample Date:	11/04/2024	11/04/2024	11/04/2024	11/04/2024
			Sample Depth (ft bls):	0 - 2	3 - 5	0 - 2	3 - 5
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
N-Nitrosodiphenylamine	--	--	MG/KG	0.028 U	0.028 U	0.027 U	0.027 U
Pentachlorophenol	6.7	0.8	MG/KG	0.069 U	0.07 U	0.068 U	0.068 U
Phenanthrene	100	1000	MG/KG	1.3	1.4	0.59	5.5
Phenol	100	0.33	MG/KG	0.012 U	0.013 U	0.012 U	0.012 U
Pyrene	100	1000	MG/KG	2.8	2.7	1.8	7.2

Table 3. Summary of Metals in Soil, 35-18 Steinway Street, Long Island City, New York

Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	Sample Designation: SB-1	SB-1	SB-2	SB-2	SB-2	SB-3	SB-4
				Sample Date: 11/04/2024	11/04/2024	11/04/2024	11/04/2024	02/07/2025	11/04/2024	11/04/2024
				Sample Depth (ft bls): 0 - 2	3 - 5	0 - 2	3 - 5	5 - 7	0 - 2	0 - 2
Aluminum	--	--	MG/KG	6820	7050	7640	6540	4580	4930	6190
Antimony	--	--	MG/KG	0.13 U	1.5	0.13 U	0.36 J	0.43 J	0.21 J	0.16 J
Arsenic	16	16	MG/KG	3	6.6	2.9	4.3	4.3	2.7	3.3
Barium	400	820	MG/KG	55.1	58.2	65.5	102	73.2	94.1	68.3
Beryllium	72	47	MG/KG	0.28 J	0.26 J	0.3 J	0.29 J	0.19 J	0.22 J	0.24 J
Cadmium	**4.3**	7.5	MG/KG	0.23 J	0.27 J	0.24 J	0.64 J	**5**	0.39 J	0.33 J
Calcium	--	--	MG/KG	27400	3390	22500	16100	19600	28400	12100
Chromium, Hexavalent	110	19	MG/KG	0.84 U	0.84 U	0.85 U	0.85 U	NA	1.7 J	0.83 U
Chromium, Total	180	--	MG/KG	15.9	23.9	16.2	17.7	20.5	12.6	13.7
Cobalt	--	--	MG/KG	4.8	4	5.7	5	5.5	3.7	4.9
Copper	270	1720	MG/KG	23.8	37	29.9	39.9	50.3	20.9	22.8
Cyanide	27	40	MG/KG	0.12 U	0.11 U	0.17 J	0.12 U	NA	0.16 J	0.31
Iron	--	--	MG/KG	14000	12400	14300	18000	36900	11800	11100
Lead	400	450	MG/KG	47.9	299	64.3	161	109	116	70.4
Magnesium	--	--	MG/KG	5910	1660	4690	4870	4010	8600	3490
Manganese	2000	2000	MG/KG	164	268	202	271	229	143	185
Mercury	0.81	0.73	MG/KG	0.099	0.53	0.16	0.22	0.11	0.13	0.19
Nickel	310	130	MG/KG	12.8	13.8	14.5	15.3	22.6	9.8	11.2
Potassium	--	--	MG/KG	1410	602	1710	796	917	902	880
Selenium	180	4	MG/KG	0.19 J	0.87 J	0.19 J	0.22 J	0.18 J	0.14 J	0.19 J
Silver	180	8.3	MG/KG	0.078 U	0.13 J	0.081 U	0.091 U	0.17 J	0.082 U	0.081 U
Sodium	--	--	MG/KG	313	165	226	169	440	541	270
Thallium	--	--	MG/KG	0.077 J	0.16 J	0.1 J	0.055 J	0.062 J	0.049 J	0.062 J
Vanadium	--	--	MG/KG	30.7	16.9	33.4	23.2	33.3	26	21.3
Zinc	10000	2480	MG/KG	61.3	190	90.7	282	231	173	103

Table 3. Summary of Metals in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-4	SB-5	SB-5
			Sample Date:	11/04/2024	11/04/2024	11/04/2024
			Sample Depth (ft bls):	3 - 5	0 - 2	3 - 5
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units			
Aluminum	--	--	MG/KG	6280	6840	7050
Antimony	--	--	MG/KG	0.14 J	0.16 J	0.41 J
Arsenic	16	16	MG/KG	2.9	2.7	3.8
Barium	400	820	MG/KG	63	75.4	58.6
Beryllium	72	47	MG/KG	0.27 J	0.28 J	0.27 J
Cadmium	**4.3**	7.5	MG/KG	0.34 J	0.36 J	0.29 J
Calcium	--	--	MG/KG	12400	19000	13900
Chromium, Hexavalent	110	19	MG/KG	0.85 U	0.82 U	0.84 U
Chromium, Total	180	--	MG/KG	16.6	13.6	12.6
Cobalt	--	--	MG/KG	4.2	4.5	4.1
Copper	270	1720	MG/KG	20.7	25.4	31.6
Cyanide	27	40	MG/KG	0.12 U	0.12 U	0.18 J
Iron	--	--	MG/KG	10400	11600	12300
Lead	400	450	MG/KG	68.2	89.6	219
Magnesium	--	--	MG/KG	3410	3620	3210
Manganese	2000	2000	MG/KG	212	209	262
Mercury	0.81	0.73	MG/KG	0.48	0.083	0.15
Nickel	310	130	MG/KG	11.3	11.5	11.7
Potassium	--	--	MG/KG	830	1040	757
Selenium	180	4	MG/KG	0.18 J	0.15 J	0.25 J
Silver	180	8.3	MG/KG	0.087 U	0.085 U	0.084 U
Sodium	--	--	MG/KG	299	343	241
Thallium	--	--	MG/KG	0.054 J	0.066 J	0.066 J
Vanadium	--	--	MG/KG	18.8	23	17
Zinc	10000	2480	MG/KG	99.2	129	121

Table 4. Summary of Polychlorinated Biphenyls in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-1	SB-1	SB-2	SB-2	SB-3	SB-4	SB-4
			Sample Date:	11/04/2024	11/04/2024	11/04/2024	11/04/2024	11/04/2024	11/04/2024	11/04/2024
			Sample Depth (ft bls):	0 - 2	3 - 5	0 - 2	3 - 5	0 - 2	0 - 2	3 - 5
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units							
PCB-1016 (Aroclor 1016)	--	--	MG/KG	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
PCB-1221 (Aroclor 1221)	--	--	MG/KG	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
PCB-1232 (Aroclor 1232)	--	--	MG/KG	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
PCB-1242 (Aroclor 1242)	--	--	MG/KG	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
PCB-1248 (Aroclor 1248)	--	--	MG/KG	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
PCB-1254 (Aroclor 1254)	--	--	MG/KG	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
PCB-1260 (Aroclor 1260)	--	--	MG/KG	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
PCB-1262 (Aroclor 1262)	--	--	MG/KG	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
PCB-1268 (Aroclor 1268)	--	--	MG/KG	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U
Polychlorinated Biphenyl (PCBs)	1	3.2	MG/KG	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U	0.018 U

Table 4. Summary of Polychlorinated Biphenyls in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-5	SB-5
			Sample Date:	11/04/2024	11/04/2024
			Sample Depth (ft bls):	0 - 2	3 - 5
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units		
PCB-1016 (Aroclor 1016)	--	--	MG/KG	0.018 U	0.018 U
PCB-1221 (Aroclor 1221)	--	--	MG/KG	0.018 U	0.018 U
PCB-1232 (Aroclor 1232)	--	--	MG/KG	0.018 U	0.018 U
PCB-1242 (Aroclor 1242)	--	--	MG/KG	0.018 U	0.018 U
PCB-1248 (Aroclor 1248)	--	--	MG/KG	0.018 U	0.018 U
PCB-1254 (Aroclor 1254)	--	--	MG/KG	0.018 U	0.018 U
PCB-1260 (Aroclor 1260)	--	--	MG/KG	0.018 U	0.018 U
PCB-1262 (Aroclor 1262)	--	--	MG/KG	0.018 U	0.018 U
PCB-1268 (Aroclor 1268)	--	--	MG/KG	0.018 U	0.018 U
Polychlorinated Biphenyl (PCBs)	1	3.2	MG/KG	0.018 U	0.018 U

Table 5. Summary of Pesticides and Herbicides in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-1	SB-1	SB-2	SB-2	SB-3
			Sample Date:	11/04/2024	11/04/2024	11/04/2024	11/04/2024	11/04/2024
			Sample Depth (ft bls):	0 - 2	3 - 5	0 - 2	3 - 5	0 - 2
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
Aldrin	0.097	0.19	MG/KG	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.48	0.02	MG/KG	0.00069 U	0.00069 U	0.00069 U	0.00069 U	0.00068 U
Alpha Endosulfan	24	102	MG/KG	0.001 UT	0.001 UT	0.001 UT	0.001 UT	0.001 UT
Beta Bhc (Beta Hexachlorocyclohexane)	0.36	0.09	MG/KG	0.00076 U	0.00076 U	0.00076 U	0.00076 U	0.00075 U
Beta Endosulfan	24	102	MG/KG	0.0017 U	0.0017 U	0.0017 U	0.0017 U	0.0017 U
Chlordane (Technical)	--	--	MG/KG	0.016 U	0.016 U	0.016 U	0.016 U	0.016 U
cis-Chlordane	4.2	2.9	MG/KG	0.0011 U	0.0011 U	0.0011 U	0.0011 U	0.0011 U
Delta BHC (Delta Hexachlorocyclohexane)	100	0.25	MG/KG	0.00041 U	0.00041 U	0.00042 U	0.00042 U	0.00041 U
Dieldrin	0.2	0.1	MG/KG	0.00088 U	0.00088 U	0.00088 U	0.00088 U	0.00088 U
Endosulfan Sulfate	24	1000	MG/KG	0.00085 U	0.00085 U	0.00085 U	0.00085 U	0.00084 U
Endrin	11	0.06	MG/KG	0.00097 U	0.00097 U	0.00097 U	0.00098 U	0.00097 U
Endrin Aldehyde	--	--	MG/KG	0.0016 U	0.0016 U	0.0016 U	0.0016 U	0.0016 U
Endrin Ketone	--	--	MG/KG	0.0013 U	0.0013 U	0.0013 U	0.0013 U	0.0013 U
Gamma Bhc (Lindane)	1.3	0.1	MG/KG	0.00063 U	0.00063 U	0.00063 U	0.00063 U	0.00062 U
Heptachlor	2.1	0.38	MG/KG	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.00079 U
Heptachlor Epoxide	--	--	MG/KG	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methoxychlor	--	--	MG/KG	0.0015 U	0.0015 U	0.0016 U	0.0016 U	0.0015 U
P,P'-DDD	13	14	MG/KG	0.0012 U	0.0012 U	0.0012 U	0.0012 U	0.0011 U
P,P'-DDE	8.9	17	MG/KG	0.0008 U	0.0008 U	0.0008 U	0.0008 U	0.00079 U
P,P'-DDT	7.9	136	MG/KG	0.0012 U	0.0012 U	0.0012 U	0.0013 U	0.0012 U
Toxaphene	--	--	MG/KG	0.024 U	0.024 U	0.025 U	0.025 U	0.024 U

Table 5. Summary of Pesticides and Herbicides in Soil, 35-18 Steinway Street, Long Island City, New York

			Sample Designation:	SB-4	SB-4	SB-5	SB-5
			Sample Date:	11/04/2024	11/04/2024	11/04/2024	11/04/2024
			Sample Depth (ft bls):	0 - 2	3 - 5	0 - 2	3 - 5
Parameter	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
Aldrin	0.097	0.19	MG/KG	0.001 U	0.001 U	0.001 U	0.001 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.48	0.02	MG/KG	0.00069 U	0.0007 U	0.00068 U	0.00069 U
Alpha Endosulfan	24	102	MG/KG	0.001 UT	0.001 UT	0.001 UT	0.001 UT
Beta Bhc (Beta Hexachlorocyclohexane)	0.36	0.09	MG/KG	0.00076 U	0.00077 U	0.00075 U	0.00076 U
Beta Endosulfan	24	102	MG/KG	0.0017 U	0.0018 U	0.0017 U	0.0017 U
Chlordane (Technical)	--	--	MG/KG	0.016 U	0.017 U	0.016 U	0.016 U
cis-Chlordane	4.2	2.9	MG/KG	0.007	0.0011 U	0.0011 U	0.0011 U
Delta BHC (Delta Hexachlorocyclohexane)	100	0.25	MG/KG	0.00041 U	0.00042 U	0.00041 U	0.00041 U
Dieldrin	0.2	0.1	MG/KG	0.00088 U	0.00089 U	0.00087 U	0.00088 U
Endosulfan Sulfate	24	1000	MG/KG	0.00085 U	0.00086 U	0.00084 U	0.00085 U
Endrin	11	0.06	MG/KG	0.0024 J	0.00098 U	0.00096 U	0.00097 U
Endrin Aldehyde	--	--	MG/KG	0.0016 U	0.0016 U	0.0016 U	0.0016 U
Endrin Ketone	--	--	MG/KG	0.0013 U	0.0013 U	0.0013 U	0.0013 U
Gamma Bhc (Lindane)	1.3	0.1	MG/KG	0.00063 U	0.00064 U	0.00062 U	0.00063 U
Heptachlor	2.1	0.38	MG/KG	0.0008 U	0.00081 U	0.00079 U	0.0008 U
Heptachlor Epoxide	--	--	MG/KG	0.001 U	0.001 U	0.001 U	0.001 U
Methoxychlor	--	--	MG/KG	0.0015 U	0.0016 U	0.0015 U	0.0015 U
P,P'-DDD	13	14	MG/KG	0.0012 U	0.0012 U	0.0011 U	0.0012 U
P,P'-DDE	8.9	17	MG/KG	0.0008 U	0.00081 U	0.00079 U	0.0008 U
P,P'-DDT	7.9	136	MG/KG	0.0012 U	0.0013 U	0.0012 U	0.0012 U
Toxaphene	--	--	MG/KG	0.024 U	0.025 U	0.024 U	0.024 U

Table 6. Summary of Volatile Organic Compounds in Groundwater, 35-18 Steinway Street, Long Island City, New York

	Sample Designation:		GW-2	GW-5
	Sample Date:		02/07/2025	02/07/2025
Parameter	NYSDEC AWQSGVs (µg/L)	Units		
1,1,1-Trichloroethane (TCA)	5	UG/L	0.24 U	0.24 U
1,1,2,2-Tetrachloroethane	5	UG/L	0.37 U	0.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	5	UG/L	0.31 U	0.31 U
1,1,2-Trichloroethane	1	UG/L	0.2 U	0.2 U
1,1-Dichloroethane	5	UG/L	0.26 U	0.26 U
1,1-Dichloroethene	5	UG/L	0.26 U	0.26 U
1,2,3-Trichlorobenzene	5	UG/L	0.36 U	0.36 U
1,2,4-Trichlorobenzene	5	UG/L	0.37 U	0.37 U
1,2,4-Trimethylbenzene	5	UG/L	0.37 U	0.37 U
1,2-Dibromo-3-Chloropropane	0.04	UG/L	0.38 U	0.38 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	UG/L	0.5 U	0.5 U
1,2-Dichlorobenzene	3	UG/L	0.21 U	0.21 U
1,2-Dichloroethane	0.6	UG/L	0.43 U	0.43 U
1,2-Dichloropropane	1	UG/L	0.35 U	0.35 U
1,3,5-Trimethylbenzene (Mesitylene)	5	UG/L	0.33 U	0.33 U
1,3-Dichlorobenzene	3	UG/L	0.34 U	0.34 U
1,4-Dichlorobenzene	3	UG/L	0.33 U	0.33 U
2-Hexanone	50	UG/L	1.1 U	1.1 U
Acetone	50	UG/L	4.4 U	4.4 U
Benzene	1	UG/L	0.2 U	0.2 U
Bromochloromethane	5	UG/L	0.41 U	0.41 U
Bromodichloromethane	50	UG/L	0.34 U	0.34 U
Bromoform	50	UG/L	0.54 U	0.54 U
Bromomethane	5	UG/L	0.55 U	0.55 U
Carbon Disulfide	60	UG/L	0.82 U	0.82 U
Carbon Tetrachloride	5	UG/L	0.21 U	0.21 U
Chlorobenzene	5	UG/L	0.38 U	0.38 U
Chloroethane	5	UG/L	0.32 UT	0.32 UT
Chloroform	7	UG/L	0.33 U	0.33 U
Chloromethane	5	UG/L	0.4 U	0.4 U
Cis-1,2-Dichloroethylene	5	UG/L	0.22 U	0.22 U
Cis-1,3-Dichloropropene	--	UG/L	0.22 U	0.22 U
Cyclohexane	--	UG/L	0.32 U	0.32 U
Dibromochloromethane	50	UG/L	0.28 U	0.28 U
Dichlorodifluoromethane	5	UG/L	0.31 U	0.31 U

Table 6. Summary of Volatile Organic Compounds in Groundwater, 35-18 Steinway Street, Long Island City, New York

	Sample Designation:		GW-2	GW-5
	Sample Date:		02/07/2025	02/07/2025
Parameter	NYSDEC AWQSGVs (µg/L)	Units		
Ethylbenzene	5	UG/L	0.3 U	0.3 U
Isopropylbenzene (Cumene)	5	UG/L	0.34 U	0.34 U
m,p-Xylene	5	UG/L	0.3 U	0.3 U
Methyl Acetate	--	UG/L	0.79 U	0.79 U
Methyl Ethyl Ketone (2-Butanone)	50	UG/L	1.9 U	1.9 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	UG/L	1.3 U	1.3 U
Methylcyclohexane	--	UG/L	0.71 U	0.71 U
Methylene Chloride	5	UG/L	0.32 U	0.32 U
N-Butylbenzene	5	UG/L	0.32 U	0.32 U
N-Propylbenzene	5	UG/L	0.32 U	0.32 U
O-Xylene (1,2-Dimethylbenzene)	5	UG/L	0.36 U	0.36 U
Sec-Butylbenzene	5	UG/L	0.37 U	0.37 U
Styrene	5	UG/L	0.42 U	0.42 U
T-Butylbenzene	5	UG/L	0.34 U	0.34 U
Tert-Butyl Methyl Ether	10	UG/L	0.22 U	0.22 U
Tetrachloroethylene (PCE)	5	UG/L	0.25 U	0.25 U
Toluene	5	UG/L	0.38 U	0.38 U
Trans-1,2-Dichloroethene	5	UG/L	0.24 U	0.24 U
Trans-1,3-Dichloropropene	--	UG/L	0.22 U	0.22 U
Trichloroethylene (TCE)	5	UG/L	0.31 U	0.31 U
Trichlorofluoromethane	5	UG/L	0.32 U	0.32 U
Vinyl Chloride	2	UG/L	0.17 U	0.17 U
Xylenes	5	UG/L	0.65 U	0.65 U

Table 7. Summary of Semivolatile Organic Compounds in Groundwater, 35-18 Steinway Street, Long Island City, New York

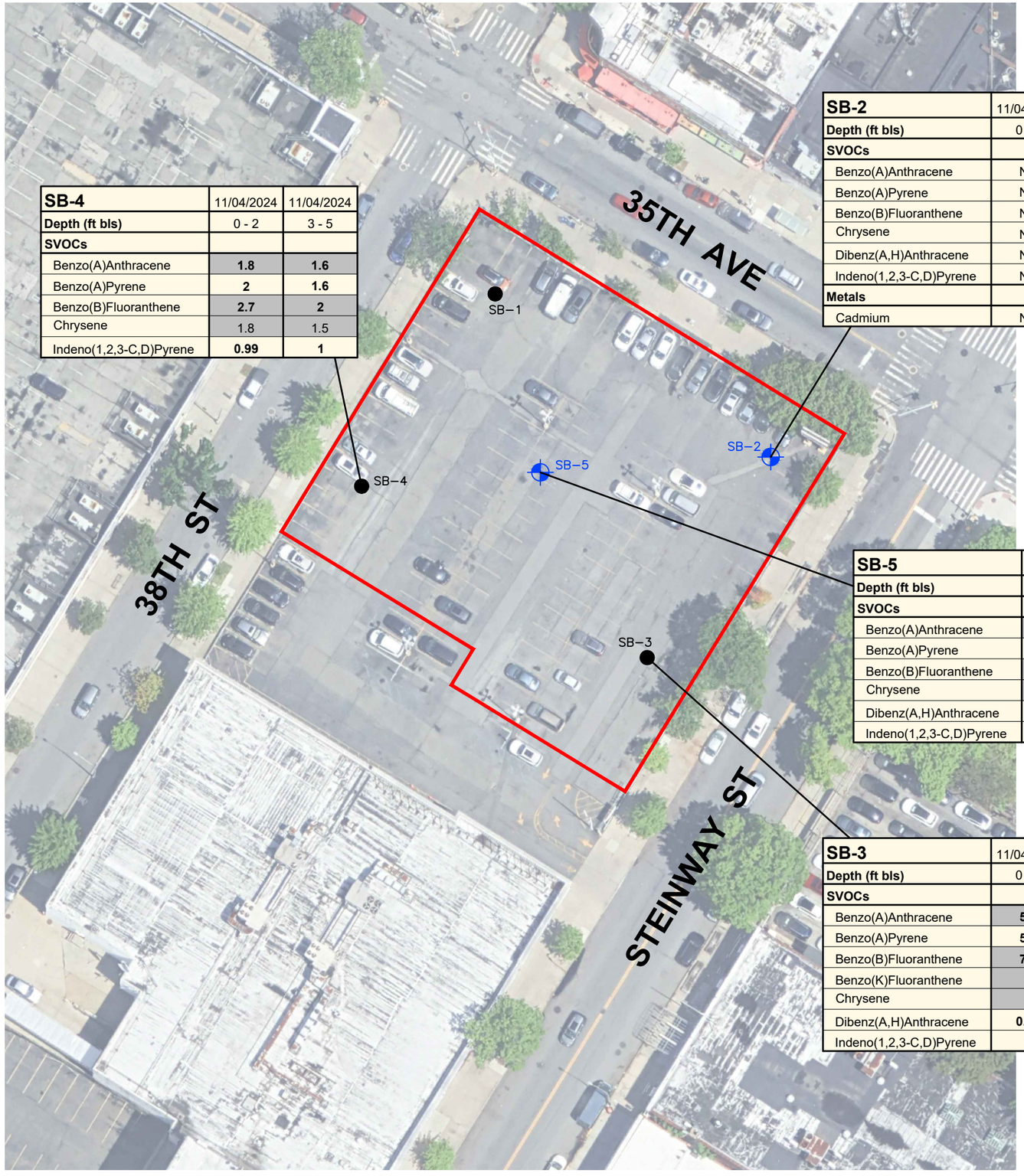
	Sample Designation:		GW-2	GW-5
	Sample Date:		02/07/2025	02/07/2025
Parameter	NYSDEC AWQSGVs (µg/L)	Units		
1,2,4,5-Tetrachlorobenzene	5	UG/L	1.2 U	1.2 U
1,4-Dioxane (P-Dioxane)	0.35	UG/L	0.072 U	0.072 U
2,3,4,6-Tetrachlorophenol	--	UG/L	0.75 U	0.75 U
2,4,5-Trichlorophenol	--	UG/L	0.88 U	0.88 U
2,4,6-Trichlorophenol	--	UG/L	0.86 U	0.86 U
2,4-Dichlorophenol	5	UG/L	1.1 U	1.1 U
2,4-Dimethylphenol	50	UG/L	0.62 U	0.62 U
2,4-Dinitrophenol	10	UG/L	11 U	11 U
2,4-Dinitrotoluene	5	UG/L	1 U	1 U
2,6-Dinitrotoluene	5	UG/L	0.83 U	0.83 U
2-Chloronaphthalene	10	UG/L	1.2 U	1.2 U
2-Chlorophenol	--	UG/L	0.95 U	0.95 U
2-Methylnaphthalene	--	UG/L	0.53 U	0.53 U
2-Methylphenol (O-Cresol)	--	UG/L	0.67 U	0.67 U
2-Nitroaniline	5	UG/L	1.2 U	1.2 U
2-Nitrophenol	--	UG/L	0.75 U	0.75 U
3,3'-Dichlorobenzidine	5	UG/L	1.4 U	1.4 U
3-Nitroaniline	5	UG/L	1.9 U	1.9 U
4,6-Dinitro-2-Methylphenol	--	UG/L	8.6 U	8.6 U
4-Bromophenyl Phenyl Ether	--	UG/L	0.75 U	0.75 U
4-Chloro-3-Methylphenol	--	UG/L	1.3 U	1.3 U
4-Chloroaniline	5	UG/L	1.9 U	1.9 U
4-Chlorophenyl Phenyl Ether	--	UG/L	1.3 U	1.3 U
4-Methylphenol (P-Cresol)	--	UG/L	0.65 U	0.65 U
4-Nitroaniline	5	UG/L	1.2 U	1.2 U
4-Nitrophenol	--	UG/L	4 U	4 U
Acenaphthene	20	UG/L	1.1 U	1.1 U
Acenaphthylene	20	UG/L	0.82 U	0.82 U
Acetophenone	--	UG/L	2.3 U	2.3 U
Anthracene	50	UG/L	1.3 U	1.3 U
Atrazine	7.5	UG/L	1.3 UT	1.3 UT
Benzaldehyde	--	UG/L	2.1 UT	2.1 UT
Benzo(A)Anthracene	0.002	UG/L	0.59 U	0.59 U
Benzo(A)Pyrene	**0**	UG/L	**0.53 J**	0.41 U
Benzo(B)Fluoranthene	0.002	UG/L	0.68 U	0.68 U

Table 7. Summary of Semivolatile Organic Compounds in Groundwater, 35-18 Steinway Street, Long Island City, New York

	Sample Designation:		GW-2	GW-5
	Sample Date:		02/07/2025	02/07/2025
Parameter	NYSDEC AWQSGVs (µg/L)	Units		
Benzo(G,H,I)Perylene	--	UG/L	0.7 U	0.7 U
Benzo(K)Fluoranthene	0.002	UG/L	0.67 U	0.67 U
Benzyl Butyl Phthalate	50	UG/L	0.85 U	0.85 U
Biphenyl (Diphenyl)	5	UG/L	1.2 U	1.2 U
Bis(2-Chloroethoxy) Methane	5	UG/L	0.59 U	0.59 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	UG/L	0.63 U	0.63 U
Bis(2-Chloroisopropyl) Ether	5	UG/L	0.63 U	0.63 U
Bis(2-Ethylhexyl) Phthalate	5	UG/L	0.8 U	0.8 U
Caprolactam	--	UG/L	2.2 U	2.2 U
Carbazole	--	UG/L	0.68 U	0.68 U
Chrysene	0.002	UG/L	0.91 U	0.91 U
Cresols, M & P	--	UG/L	0.64 U	0.64 U
Dibenz(A,H)Anthracene	--	UG/L	0.72 U	0.72 U
Dibenzofuran	--	UG/L	1.1 U	1.1 U
Diethyl Phthalate	50	UG/L	0.98 U	0.98 U
Dimethyl Phthalate	50	UG/L	0.77 U	0.77 U
Di-N-Butyl Phthalate	50	UG/L	0.84 U	0.84 U
Di-N-Octylphthalate	--	UG/L	4 U	4 U
Fluoranthene	50	UG/L	0.84 U	0.84 U
Fluorene	50	UG/L	0.91 U	0.91 U
Hexachlorobenzene	0.04	UG/L	0.4 U	0.4 U
Hexachlorobutadiene	0.5	UG/L	0.78 U	0.78 U
Hexachlorocyclopentadiene	5	UG/L	3.6 U	3.6 U
Hexachloroethane	5	UG/L	0.31 U	0.31 U
Indeno(1,2,3-C,D)Pyrene	0.002	UG/L	0.94 U	0.94 U
Isophorone	50	UG/L	0.8 U	0.8 U
Naphthalene	10	UG/L	0.54 U	0.54 U
Nitrobenzene	0.4	UG/L	0.57 U	0.57 U
N-Nitrosodi-N-Propylamine	--	UG/L	0.43 U	0.43 U
N-Nitrosodiphenylamine	50	UG/L	0.89 U	0.89 U
Pentachlorophenol	1	UG/L	6.6 U	6.6 U
Phenanthrene	50	UG/L	1.3 U	1.3 U
Phenol	1	UG/L	0.29 U	0.29 U
Pyrene	50	UG/L	1.6 U	1.6 U

Table 8. Summary of Metals in Groundwater, 35-18 Steinway Street, Long Island City, New York

	Sample Designation:		GW-2	GW-5
	Sample Date:		02/07/2025	02/07/2025
Parameter	NYSDEC AWQSGVs (µg/L)	Units		
Aluminum	--	UG/L	216000	198000
Antimony	3	UG/L	0.81 J	1.2 J
Arsenic	**25**	UG/L	**64.1**	**57.8**
Barium	**1000**	UG/L	**3330**	**2760**
Beryllium	**3**	UG/L	**10.4**	**10.2**
Cadmium	**5**	UG/L	**25.2**	**6**
Calcium	--	UG/L	1770000	1120000
Chromium, Total	**50**	UG/L	**596**	**982**
Cobalt	--	UG/L	468	480
Copper	**200**	UG/L	**1020**	**1100**
Iron	**300**	UG/L	**659000**	**730000**
Lead	**25**	UG/L	**578**	**346**
Magnesium	**35000**	UG/L	**688000**	**443000**
Manganese	**300**	UG/L	**21000**	**18200**
Mercury	0.7	UG/L	0.54	0.24
Nickel	**100**	UG/L	**775**	**854**
Potassium	--	UG/L	63200	53400
Selenium	10	UG/L	5.4	2.6
Silver	50	UG/L	2.2	2.1
Sodium	**20000**	UG/L	**183000**	**27800**
Thallium	**0.5**	UG/L	**2.6**	**2.5**
Vanadium	--	UG/L	739	709
Zinc	2000	UG/L	1980	1770



SB-4	11/04/2024	11/04/2024
Depth (ft bls)	0 - 2	3 - 5
SVOCs		
Benzo(A)Anthracene	**1.8**	**1.6**
Benzo(A)Pyrene	**2**	**1.6**
Benzo(B)Fluoranthene	**2.7**	**2**
Chrysene	1.8	1.5
Indeno(1,2,3-C,D)Pyrene	**0.99**	**1**

SB-2	11/04/2024	11/04/2024	02/07/2025
Depth (ft bls)	0 - 2	3 - 5	5 - 7
SVOCs			
Benzo(A)Anthracene	NE	**2.5**	**1.5**
Benzo(A)Pyrene	NE	**2.8**	**1.5**
Benzo(B)Fluoranthene	NE	**3.6**	**1.9**
Chrysene	NE	2.5	1.4 J
Dibenz(A,H)Anthracene	NE	**0.37**	NE
Indeno(1,2,3-C,D)Pyrene	NE	**1.4**	**0.71**
Metals			
Cadmium	NE	NE	**5**

SB-5	11/04/2024	11/04/2024
Depth (ft bls)	0 - 2	3 - 5
SVOCs		
Benzo(A)Anthracene	**1.2**	**3.8**
Benzo(A)Pyrene	**1.4**	**3.5**
Benzo(B)Fluoranthene	**1.9**	**4.5**
Chrysene	1.2	3.9
Dibenz(A,H)Anthracene	NE	**0.51**
Indeno(1,2,3-C,D)Pyrene	**0.69**	**1.8**

SB-3	11/04/2024
Depth (ft bls)	0 - 2
SVOCs	
Benzo(A)Anthracene	**5.2**
Benzo(A)Pyrene	**5.8**
Benzo(B)Fluoranthene	**7.7**
Benzo(K)Fluoranthene	3
Chrysene	**5**
Dibenz(A,H)Anthracene	**0.78**
Indeno(1,2,3-C,D)Pyrene	**3**

LEGEND

PROPOSED BCP SITE BOUNDARY

BCP ELIGIBILITY SAMPLING LOCATIONS

SB–3 ● SOIL BORING SAMPLING LOCATION AND DESIGNATION

SB–2 ⊕ SOIL BORING AND GROUNDWATER GRAB SAMPLING LOCATION AND DESIGNATION

TYPICAL DATA BOX INFORMATION

SAMPLE ID# → **SB-3** | 11/04/2024 ← SAMPLE DATE

Depth (ft bls) | 0 - 2 ← SAMPLE DEPTH

SVOCs |

ANALYTES → Benzo(A)Anthracene | **5.2**

Benzo(A)Pyrene | **5.8**

Benzo(B)Fluoranthene | **7.7**

Benzo(K)Fluoranthene | 3 ← CONCENTRATIONS (mg/kg)

Parameter	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives
VOCs	NE	NE
SVOCs		
Benzo(A)Anthracene	**1**	1
Benzo(A)Pyrene	**1**	22
Benzo(B)Fluoranthene	**1**	1.7
Benzo(K)Fluoranthene	**3.9**	1.7
Chrysene	**3.9**	1
Dibenz(A,H)Anthracene	**0.33**	1000
Indeno(1,2,3-C,D)Pyrene	**0.5**	8.2
Metals		
Cadmium	**4.3**	7.5
PCBs	ND	ND
Pesticides/Herbicides	NE	NE

Concentrations in mg/kg

mg/kg - Milligrams per kilogram

NYSDEC - New York State Department of Environmental Conservation

-- - No NYSDEC Part 375 Soil Cleanup Objectives available

J - Estimated value

VOCs - Volatile Organic Compounds

SVOCs - Semivolatile Organic Compounds

PCBs - Polychlorinated Biphenyls

NE - No exceedance

ND - No detection

ft bls - Feet below land surface

N

50’ 0 50’

Title:

SUMMARY OF EXCEEDANCES IN SOIL

35-30 STEINWAY STREET
ASTORIA, NEW YORK

Prepared for:

LMXD INNOQ B1 LLC

ROUX

Compiled by: B.F.	Date: 4/21/2025	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	1
Project Mgr: B.F.	Project: 4806.0001Y000	
File: 4806.0001Y103.10.DWG		

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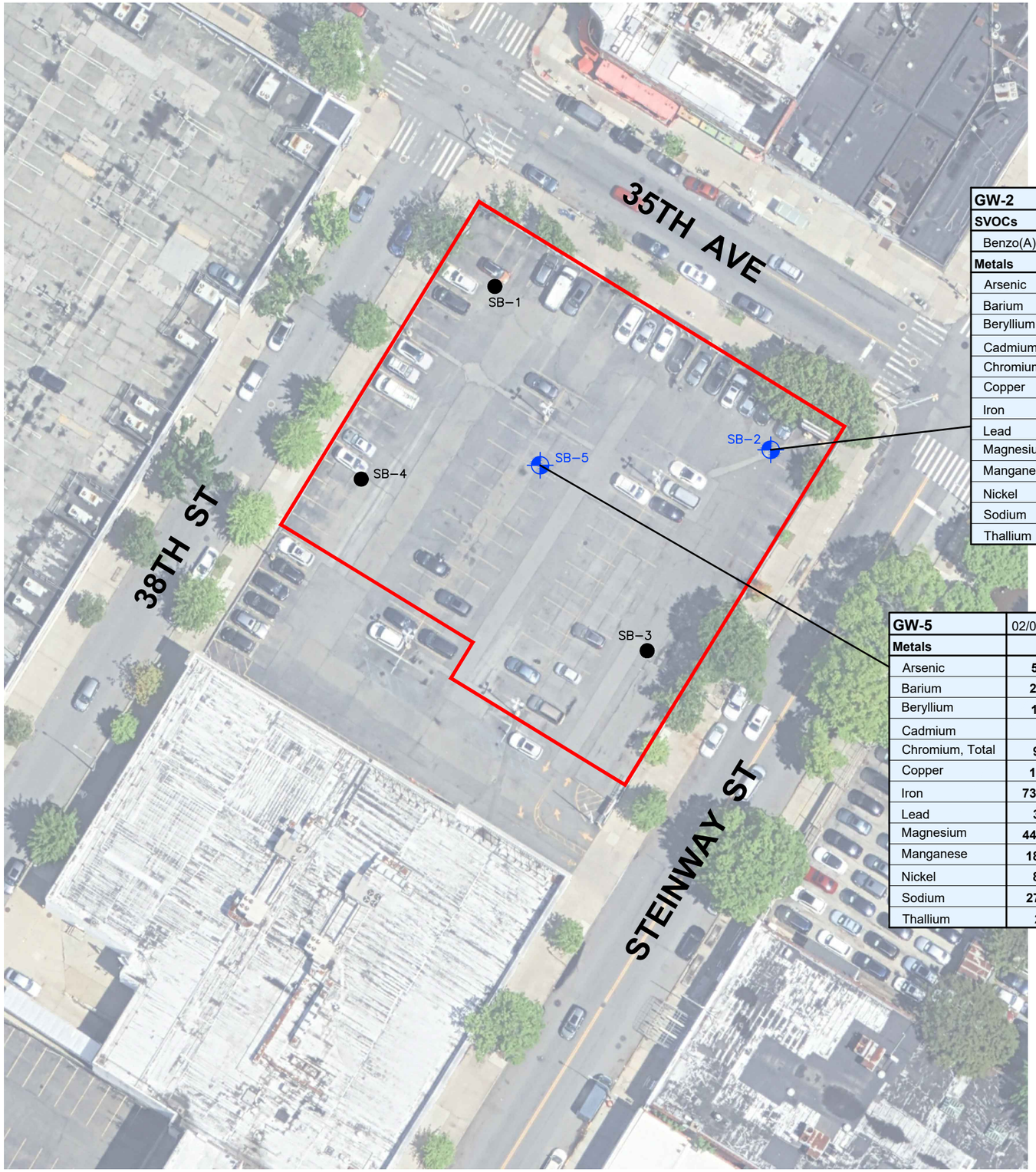

GW-2	02/07/2025
SVOCs	
Benzo(A)Pyrene	**0.53 J**
Metals	
Arsenic	**64.1**
Barium	**3330**
Beryllium	**10.4**
Cadmium	**25.2**
Chromium, Total	**596**
Copper	**1020**
Iron	**659000**
Lead	**578**
Magnesium	**688000**
Manganese	**21000**
Nickel	**775**
Sodium	**183000**
Thallium	**2.6**

GW-5	02/07/2025
Metals	
Arsenic	**57.8**
Barium	**2760**
Beryllium	**10.2**
Cadmium	**6**
Chromium, Total	**982**
Copper	**1100**
Iron	**730000**
Lead	**346**
Magnesium	**443000**
Manganese	**18200**
Nickel	**854**
Sodium	**27800**
Thallium	**2.5**

LEGEND

PROPOSED BCP SITE BOUNDARY

BCP ELIGIBILITY SAMPLING LOCATIONS

SB-3 ● SOIL BORING SAMPLING LOCATION AND DESIGNATION

SB-2 ⊕ SOIL BORING AND GROUNDWATER GRAB SAMPLING LOCATION AND DESIGNATION

TYPICAL DATA BOX INFORMATION

SAMPLE ID# → **GW-2** | 02/07/2025 ← SAMPLE DATE

SVOCs	
Benzo(A)Pyrene	**0.53 J**
Metals	
Arsenic	**64.1**
Barium	**3330**
Beryllium	**10.4**
Cadmium	**25.2**

ANALYTES → … ← CONCENTRATIONS (µg/L)

Parameter	NYSDEC AWQSGV
VOCs	ND
SVOCs	
Benzo(A)Pyrene	**0**
Metals	
Arsenic	**25**
Barium	**1000**
Beryllium	**3**
Cadmium	**5**
Chromium, Total	**50**
Copper	**200**
Iron	**300**
Lead	**25**
Magnesium	**35000**
Manganese	**300**
Nickel	**100**
Sodium	**20000**
Thallium	**0.5**

Concentrations in µg/L

µg/L - Micrograms per liter

NYSDEC - New York State Department of Environmental Conservation

AWQSGVs - Ambient Water-Quality Standards and Guidance Values

J - Estimated value

DUP - Duplicate Sample

VOCs - Volatile Organic Compounds

SVOCs - Semivolatile Organic Compounds

ND - No detection

N

50' 0 50'

Title:

SUMMARY OF EXCEEDANCES IN GROUNDWATER

35-30 STEINWAY STREET
ASTORIA, NEW YORK

Prepared for:

LMXD INNOQ B1 LLC

ROUX

Compiled by: B.F.	Date: 4/21/2025	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	2
Project Mgr: B.F.	Project: 4806.0001Y000	
File: 4806.0001Y103.10.DWG		

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eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jack Rusk
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 4/28/2025 12:33:57 PM

JOB DESCRIPTION

35-30 Steinway St, Astoria

JOB NUMBER

460-314754-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Job Notes

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Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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4/28/2025 12:33:57 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
J	Sample result is greater than the MDL but below the CRDL
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: 35-30 Steinway St, Astoria

Report Number: 460-314754-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 11/5/2024 10:19 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples SB-3_(0-2) (460-314754-1), SB-2_(0-2) (460-314754-2), SB-2_(3-5) (460-314754-3), SB-5_(0-2) (460-314754-4), SB-5_(3-5) (460-314754-5), SB-1_(0-2) (460-314754-6), SB-1_(3-5) (460-314754-7), SB-4_(0-2) (460-314754-8) and SB-4_(3-5) (460-314754-9) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 11/05/2024 and analyzed on 11/05/2024 and 11/06/2024.

The continuing calibration verification (CCV) analyzed in batch 460-1005370 was outside the method criteria for the following analytes: Bromoform (biased high)and Dichlorodifluoromethane (biased low). A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1005370 recovered outside control limits for the following analytes: Bromoform and Methyl acetate. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Bromoform failed the recovery criteria high for LCS 460-1005370/2. Bromoform and Methyl acetate failed the recovery criteria high for LCSD 460-1005370/4. Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples SB-3_(0-2) (460-314754-1), SB-2_(0-2) (460-314754-2), SB-2_(3-5) (460-314754-3), SB-5_(0-2) (460-314754-4), SB-5_(3-5) (460-314754-5), SB-1_(0-2) (460-314754-6), SB-1_(3-5) (460-314754-7), SB-4_(0-2) (460-314754-8) and SB-4_(3-5) (460-314754-9) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270E. The samples were prepared on 11/06/2024 and analyzed on 11/07/2024.

Job ID: 460-314754-1 (Continued) Eurofins Edison

The continuing calibration verification (CCV) analyzed in batch 460-1005640 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

4,6-Dinitro-2-methylphenol and Indeno[1,2,3-cd]pyrene failed the recovery criteria low for the MS of sample 460-314743-5 in batch 460-1005640.

For the MSD of sample 460-314743-5 in batch 460-1005640, 2,4-Dinitrophenol and 4,6-Dinitro-2-methylphenol failed the recovery criteria low. Atrazine failed the recovery criteria high. Also, 4-Chloroaniline exceeded the RPD limit.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

Samples SB-3_(0-2) (460-314754-1)[2X] and SB-5_(3-5) (460-314754-5)[2X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

PESTICIDES

Samples SB-3_(0-2) (460-314754-1), SB-2_(0-2) (460-314754-2), SB-2_(3-5) (460-314754-3), SB-5_(0-2) (460-314754-4), SB-5_(3-5) (460-314754-5), SB-1_(0-2) (460-314754-6), SB-1_(3-5) (460-314754-7), SB-4_(0-2) (460-314754-8) and SB-4_(3-5) (460-314754-9) were analyzed for Pesticides in accordance with EPA SW-846 Methods 8081B. The samples were prepared on 11/05/2024 and analyzed on 11/06/2024.

The continuing calibration verification (CCV) associated with batch 460-1005429 recovered above the upper control limit for Endosulfan I on the primary column. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCVIS 460-1005429/3).

The laboratory control sample (LCS) for preparation batch 460-1005373 and analytical batch 460-1005429 recovered outside control limits for the following analytes: Endosulfan I on the primary column. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.(LCS 460-1005373/2-A).

Endosulfan I failed the recovery criteria high for LCS 460-1005373/2-A. Refer to the QC report for details.

No other difficulties were encountered during the Pesticides analysis.

All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS

Samples SB-3_(0-2) (460-314754-1), SB-2_(0-2) (460-314754-2), SB-2_(3-5) (460-314754-3), SB-5_(0-2) (460-314754-4), SB-5_(3-5) (460-314754-5), SB-1_(0-2) (460-314754-6), SB-1_(3-5) (460-314754-7), SB-4_(0-2) (460-314754-8) and SB-4_(3-5) (460-314754-9) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 11/05/2024 and analyzed on 11/06/2024.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

METALS - TOTAL (ICP/MS)

Samples SB-3_(0-2) (460-314754-1), SB-2_(0-2) (460-314754-2), SB-2_(3-5) (460-314754-3), SB-5_(0-2) (460-314754-4), SB-5_(3-5) (460-314754-5), SB-1_(0-2) (460-314754-6), SB-1_(3-5) (460-314754-7), SB-4_(0-2) (460-314754-8) and SB-4_(3-5) (460-314754-9) were analyzed for Metals - Total (ICP/MS) in accordance with EPA SW-846 Method 6020B - Total. The samples were prepared on 11/06/2024 and 11/08/2024 and analyzed on 11/06/2024 and 11/11/2024.

Several analytes failed the recovery criteria low for the MS of sample SB-2_(3-5)MS (460-314754-3) in batch 460-1005565. Aluminum, Calcium, Iron and Manganese failed the recovery criteria high.

Several analytes failed the recovery criteria low for the MS of sample 460-314916-2 in batch 460-1006324. Aluminum, Barium, Calcium and Lead failed the recovery criteria high.

Refer to the QC report for details.

Cadmium, Copper, Lead, Manganese, Silver and Thallium exceeded the RPD limit for the duplicate of sample 460-314916-2. Refer to the QC report for details.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

HEXAVALENT CHROMIUM
Samples SB-3_(0-2) (460-314754-1), SB-2_(0-2) (460-314754-2), SB-2_(3-5) (460-314754-3), SB-5_(0-2) (460-314754-4), SB-5_(3-5) (460-314754-5), SB-1_(0-2) (460-314754-6), SB-1_(3-5) (460-314754-7), SB-4_(0-2) (460-314754-8) and SB-4_(3-5) (460-314754-9) were analyzed for hexavalent chromium in accordance with EPA SW-846 Method 7196A. The samples were prepared and analyzed on 11/07/2024.

No difficulties were encountered during the hexchrome Cr6 analysis.

All quality control parameters were within the acceptance limits.

MERCURY - TOTAL
Samples SB-3_(0-2) (460-314754-1), SB-2_(0-2) (460-314754-2), SB-2_(3-5) (460-314754-3), SB-5_(0-2) (460-314754-4), SB-5_(3-5) (460-314754-5), SB-1_(0-2) (460-314754-6), SB-1_(3-5) (460-314754-7), SB-4_(0-2) (460-314754-8) and SB-4_(3-5) (460-314754-9) were analyzed for Mercury - Total in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 11/06/2024.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

TOTAL CYANIDE
Samples SB-3_(0-2) (460-314754-1), SB-2_(0-2) (460-314754-2), SB-2_(3-5) (460-314754-3), SB-5_(0-2) (460-314754-4), SB-5_(3-5) (460-314754-5), SB-1_(0-2) (460-314754-6), SB-1_(3-5) (460-314754-7), SB-4_(0-2) (460-314754-8) and SB-4_(3-5) (460-314754-9) were analyzed for total cyanide in accordance with EPA SW-846 Method 9012B. The samples were prepared on 11/07/2024 and analyzed on 11/08/2024.

No difficulties were encountered during the cyanide analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples SB-3_(0-2) (460-314754-1), SB-2_(0-2) (460-314754-2), SB-2_(3-5) (460-314754-3), SB-5_(0-2) (460-314754-4), SB-5_(3-5) (460-314754-5), SB-1_(0-2) (460-314754-6), SB-1_(3-5) (460-314754-7), SB-4_(0-2) (460-314754-8) and SB-4_(3-5) (460-314754-9) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 11/05/2024.

Percent Moisture exceeded the RPD limit for the duplicate of sample 460-314745-1. Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-3_(0-2)
Lab Sample ID: 460-314754-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00094	J	0.0012	0.00031	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.0090		0.0075	0.0071	mg/Kg	1	☼	8260D	Total/NA
1,1'-Biphenyl	0.040	J	0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.10	J	0.33	0.0093	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.60		0.33	0.0095	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.092	J	0.33	0.0095	mg/Kg	1	☼	8270E	Total/NA
Acetophenone	0.069	J	0.33	0.016	mg/Kg	1	☼	8270E	Total/NA
Anthracene	1.7		0.33	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	5.2		0.033	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	5.8		0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	7.7		0.033	0.0086	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	3.0		0.33	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	3.0		0.033	0.0065	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.60		0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	5.0		0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.78		0.033	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.32	J	0.33	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.55		0.33	0.0098	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	3.0		0.033	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.18	J	0.33	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	6.1		0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene - DL	9.6		0.67	0.023	mg/Kg	2	☼	8270E	Total/NA
Pyrene - DL	8.9		0.67	0.017	mg/Kg	2	☼	8270E	Total/NA
Aluminum	4930		18.4	5.0	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.21	J	0.92	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.7		0.92	0.095	mg/Kg	1	☼	6020B	Total/NA
Barium	94.1		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.22	J	0.37	0.052	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.39	J	0.92	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	28400		91.8	37.3	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.6		1.8	0.83	mg/Kg	1	☼	6020B	Total/NA
Cobalt	3.7		1.8	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	20.9		1.8	0.34	mg/Kg	1	☼	6020B	Total/NA
Iron	11800		55.1	18.5	mg/Kg	1	☼	6020B	Total/NA
Lead	116		0.55	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	8600		91.8	9.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	143		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	9.8		1.8	0.43	mg/Kg	1	☼	6020B	Total/NA
Potassium	902		91.8	14.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.14	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Sodium	541		91.8	41.9	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.049	J	0.37	0.038	mg/Kg	1	☼	6020B	Total/NA
Vanadium	26.0		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	173		7.3	2.8	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.13		0.017	0.0079	mg/Kg	1	☼	7471B	Total/NA
Cr (VI)	1.7	J	1.9	0.82	mg/Kg	1	☼	7196A	Total/NA
Cyanide, Total	0.16	J	0.20	0.11	mg/Kg	1	☼	9012B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-2_(0-2)
Lab Sample ID: 460-314754-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.023	J	0.34	0.0094	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.012	J	0.34	0.0096	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.051	J	0.34	0.0096	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.061	J	0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.27		0.034	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.34		0.034	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.48		0.034	0.0087	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.21	J	0.34	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.17		0.034	0.0066	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.043	J	0.34	0.018	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.014	J	0.34	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.33	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.047		0.034	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.011	J	0.34	0.011	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.039	J	0.34	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.41		0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.014	J	0.34	0.0098	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.18		0.034	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.022	J	0.34	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.16	J	0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.43		0.34	0.0084	mg/Kg	1	☼	8270E	Total/NA
Aluminum	7640		18.2	5.0	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.9		0.91	0.094	mg/Kg	1	☼	6020B	Total/NA
Barium	65.5		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.30	J	0.36	0.052	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.24	J	0.91	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	22500		90.9	37.0	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.2		1.8	0.83	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.7		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	29.9		1.8	0.33	mg/Kg	1	☼	6020B	Total/NA
Iron	14300		54.5	18.4	mg/Kg	1	☼	6020B	Total/NA
Lead	64.3		0.55	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4690		90.9	9.3	mg/Kg	1	☼	6020B	Total/NA
Manganese	202		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	14.5		1.8	0.43	mg/Kg	1	☼	6020B	Total/NA
Potassium	1710		90.9	14.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.19	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Sodium	226		90.9	41.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.10	J	0.36	0.037	mg/Kg	1	☼	6020B	Total/NA
Vanadium	33.4		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	90.7		7.3	2.8	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.16		0.016	0.0075	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.17	J	0.23	0.12	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: SB-2_(3-5)
Lab Sample ID: 460-314754-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cyclohexane	0.00077	J	0.0016	0.00034	mg/Kg	1	☼	8260D	Total/NA
1,1'-Biphenyl	0.021	J	0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.030	J	0.34	0.0094	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.30	J	0.34	0.0096	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-2_(3-5) (Continued)
Lab Sample ID: 460-314754-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acenaphthylene	0.073	J	0.34	0.0096	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.58		0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	2.5		0.034	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	2.8		0.034	0.0090	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	3.6		0.034	0.0087	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1.3		0.34	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	1.5		0.034	0.0066	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	5.6		0.34	0.018	mg/Kg	1	☼	8270E	Total/NA
Butyl benzyl phthalate	0.043	J	0.34	0.016	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.21	J	0.34	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	2.5		0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.37		0.034	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.081	J	0.34	0.011	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.027	J	0.34	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	4.4		0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.16	J	0.34	0.0098	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.4		0.034	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.072	J	0.34	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	2.2		0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	4.1		0.34	0.0084	mg/Kg	1	☼	8270E	Total/NA
Aluminum	6540		20.3	5.6	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.36	J	1.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.3		1.0	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	102		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.29	J	0.41	0.058	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.64	J	1.0	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	16100		102	41.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	17.7		2.0	0.92	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.0		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	39.9		2.0	0.37	mg/Kg	1	☼	6020B	Total/NA
Iron	18000		61.0	20.5	mg/Kg	1	☼	6020B	Total/NA
Lead	161		0.61	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4870		102	10.4	mg/Kg	1	☼	6020B	Total/NA
Manganese	271		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	15.3		2.0	0.48	mg/Kg	1	☼	6020B	Total/NA
Potassium	796		102	16.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.22	J	1.3	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	169		102	46.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.055	J	0.41	0.042	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.2		2.0	0.21	mg/Kg	1	☼	6020B	Total/NA
Zinc	282		8.1	3.1	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.22		0.016	0.0076	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-5_(0-2)
Lab Sample ID: 460-314754-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1'-Biphenyl	0.017	J	0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.045	J	0.33	0.0093	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.062	J	0.33	0.0095	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.057	J	0.33	0.0095	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.22	J	0.33	0.010	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-5_(0-2) (Continued)
Lab Sample ID: 460-314754-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	1.2		0.033	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1.4		0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	1.9		0.033	0.0086	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.70		0.33	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.65		0.033	0.0065	mg/Kg	1	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.044	J	0.33	0.018	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.065	J	0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	1.2		0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.18		0.033	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.058	J	0.33	0.011	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.087	J	0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	1.5		0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.042	J	0.33	0.0097	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.69		0.033	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.10	J	0.33	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.59		0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	1.8		0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
Aluminum	6840		19.0	5.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.16	J	0.95	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.7		0.95	0.098	mg/Kg	1	☼	6020B	Total/NA
Barium	75.4		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.28	J	0.38	0.054	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.36	J	0.95	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	19000		95.1	38.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.6		1.9	0.86	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.5		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	25.4		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	11600		57.1	19.2	mg/Kg	1	☼	6020B	Total/NA
Lead	89.6		0.57	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3620		95.1	9.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	209		3.1	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.5		1.9	0.45	mg/Kg	1	☼	6020B	Total/NA
Potassium	1040		95.1	15.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.15	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Sodium	343		95.1	43.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.066	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	23.0		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	129		7.6	2.9	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.083		0.016	0.0077	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-5_(3-5)
Lab Sample ID: 460-314754-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1'-Biphenyl	0.017	J	0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
2-Methylnaphthalene	0.039	J	0.33	0.0093	mg/Kg	1	☼	8270E	Total/NA
4-Chloro-3-methylphenol	0.037	J	0.33	0.019	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.53		0.33	0.0095	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.062	J	0.33	0.0096	mg/Kg	1	☼	8270E	Total/NA
Anthracene	1.5		0.33	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	3.8		0.033	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	3.5		0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample ID: SB-5_(3-5) (Continued)
Lab Sample ID: 460-314754-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[b]fluoranthene	4.5		0.033	0.0086	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1.8		0.33	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	1.6		0.033	0.0066	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.26	J	0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	3.9		0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.51		0.033	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.18	J	0.33	0.011	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.39		0.33	0.0098	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.8		0.033	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.026	J	0.33	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	5.5		0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	7.2		0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene - DL	7.8		0.67	0.023	mg/Kg	2	☼	8270E	Total/NA
Aluminum	7050		18.9	5.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.41	J	0.94	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.8		0.94	0.097	mg/Kg	1	☼	6020B	Total/NA
Barium	58.6		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.27	J	0.38	0.054	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.29	J	0.94	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	13900		94.5	38.4	mg/Kg	1	☼	6020B	Total/NA
Chromium	12.6		1.9	0.86	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.1		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	31.6		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	12300		56.7	19.1	mg/Kg	1	☼	6020B	Total/NA
Lead	219		0.57	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3210		94.5	9.6	mg/Kg	1	☼	6020B	Total/NA
Manganese	262		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.7		1.9	0.44	mg/Kg	1	☼	6020B	Total/NA
Potassium	757		94.5	15.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.25	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Sodium	241		94.5	43.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.066	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	17.0		1.9	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	121		7.6	2.9	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.15		0.016	0.0076	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.18	J	0.20	0.11	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: SB-1_(0-2)
Lab Sample ID: 460-314754-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.00051	J	0.0014	0.00033	mg/Kg	1	☼	8260D	Total/NA
Acetone	0.0091		0.0081	0.0078	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.028	J	0.33	0.0093	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.018	J	0.33	0.0095	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.069	J	0.33	0.0096	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.085	J	0.33	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.41		0.033	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.55		0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.72		0.033	0.0086	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.31	J	0.33	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.27		0.033	0.0066	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-1_(0-2) (Continued)
Lab Sample ID: 460-314754-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Carbazole	0.025	J	0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.47		0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.082		0.033	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.015	J	0.33	0.011	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.071	J	0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.58		0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.015	J	0.33	0.0098	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.31		0.033	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.034	J	0.33	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.23	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.62		0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
Aluminum	6820		17.6	4.8	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.0		0.88	0.091	mg/Kg	1	☼	6020B	Total/NA
Barium	55.1		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.28	J	0.35	0.050	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.23	J	0.88	0.099	mg/Kg	1	☼	6020B	Total/NA
Calcium	27400		88.0	35.8	mg/Kg	1	☼	6020B	Total/NA
Chromium	15.9		1.8	0.80	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.8		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	23.8		1.8	0.32	mg/Kg	1	☼	6020B	Total/NA
Iron	14000		52.8	17.8	mg/Kg	1	☼	6020B	Total/NA
Lead	47.9		0.53	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	5910		88.0	9.0	mg/Kg	1	☼	6020B	Total/NA
Manganese	164		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	12.8		1.8	0.41	mg/Kg	1	☼	6020B	Total/NA
Potassium	1410		88.0	14.3	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.19	J	1.1	0.11	mg/Kg	1	☼	6020B	Total/NA
Sodium	313		88.0	40.2	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.077	J	0.35	0.036	mg/Kg	1	☼	6020B	Total/NA
Vanadium	30.7		1.8	0.18	mg/Kg	1	☼	6020B	Total/NA
Zinc	61.3		7.0	2.7	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.099		0.017	0.0080	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-1_(3-5)
Lab Sample ID: 460-314754-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.012	J	0.33	0.0093	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.015	J	0.33	0.0095	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.065	J	0.33	0.0096	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.075	J	0.33	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	0.42		0.033	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	0.59		0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	0.70		0.033	0.0086	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.57		0.33	0.0098	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.27		0.033	0.0066	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.022	J	0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	0.45		0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.11		0.033	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.014	J	0.33	0.011	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.089	J	0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	0.66		0.33	0.012	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-1_(3-5) (Continued)
Lab Sample ID: 460-314754-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Fluorene	0.013	J	0.33	0.0098	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.50		0.033	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.034	J	0.33	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	0.28	J	0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	0.69		0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
Aluminum	7050		19.1	5.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	1.5		0.96	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	6.6		0.96	0.098	mg/Kg	1	☼	6020B	Total/NA
Barium	58.2		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.26	J	0.38	0.054	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.27	J	0.96	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	3390		95.6	38.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	23.9		1.9	0.87	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.0		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	37.0		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	12400		57.3	19.3	mg/Kg	1	☼	6020B	Total/NA
Lead	299		0.57	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	1660		95.6	9.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	268		3.2	0.32	mg/Kg	1	☼	6020B	Total/NA
Nickel	13.8		1.9	0.45	mg/Kg	1	☼	6020B	Total/NA
Potassium	602		95.6	15.5	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.87	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.13	J	0.38	0.085	mg/Kg	1	☼	6020B	Total/NA
Sodium	165		95.6	43.7	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.16	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	16.9		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	190		7.6	2.9	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.53		0.017	0.0081	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-4_(0-2)
Lab Sample ID: 460-314754-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Methylnaphthalene	0.034	J	0.33	0.0094	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.16	J	0.33	0.0096	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.12	J	0.33	0.0096	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.37		0.33	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1.8		0.033	0.025	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	2.0		0.033	0.0089	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	2.7		0.033	0.0087	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.98		0.33	0.0099	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.97		0.033	0.0066	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.12	J	0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	1.8		0.33	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.26		0.033	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.062	J	0.33	0.011	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.081	J	0.33	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	2.9		0.33	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.10	J	0.33	0.0098	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.99		0.033	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.078	J	0.33	0.0058	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.3		0.33	0.014	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-4_(0-2) (Continued)
Lab Sample ID: 460-314754-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pyrene	2.8		0.33	0.0083	mg/Kg	1	☼	8270E	Total/NA
cis-Chlordane	0.0070		0.0068	0.0011	mg/Kg	1	☼	8081B	Total/NA
Endrin	0.0024	J	0.0068	0.00097	mg/Kg	1	☼	8081B	Total/NA
Aluminum	6190		18.1	5.0	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.16	J	0.91	0.13	mg/Kg	1	☼	6020B	Total/NA
Arsenic	3.3		0.91	0.093	mg/Kg	1	☼	6020B	Total/NA
Barium	68.3		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.24	J	0.36	0.052	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.33	J	0.91	0.10	mg/Kg	1	☼	6020B	Total/NA
Calcium	12100		90.5	36.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	13.7		1.8	0.82	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.9		1.8	0.13	mg/Kg	1	☼	6020B	Total/NA
Copper	22.8		1.8	0.33	mg/Kg	1	☼	6020B	Total/NA
Iron	11100		54.3	18.3	mg/Kg	1	☼	6020B	Total/NA
Lead	70.4		0.54	0.18	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3490		90.5	9.2	mg/Kg	1	☼	6020B	Total/NA
Manganese	185		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.2		1.8	0.43	mg/Kg	1	☼	6020B	Total/NA
Potassium	880		90.5	14.7	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.19	J	1.1	0.12	mg/Kg	1	☼	6020B	Total/NA
Sodium	270		90.5	41.4	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.062	J	0.36	0.037	mg/Kg	1	☼	6020B	Total/NA
Vanadium	21.3		1.8	0.19	mg/Kg	1	☼	6020B	Total/NA
Zinc	103		7.2	2.8	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.19		0.016	0.0075	mg/Kg	1	☼	7471B	Total/NA
Cyanide, Total	0.31		0.21	0.11	mg/Kg	1	☼	9012B	Total/NA

Client Sample ID: SB-4_(3-5)
Lab Sample ID: 460-314754-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.011		0.0086	0.0082	mg/Kg	1	☼	8260D	Total/NA
2-Methylnaphthalene	0.019	J	0.34	0.0095	mg/Kg	1	☼	8270E	Total/NA
Acenaphthene	0.14	J	0.34	0.0097	mg/Kg	1	☼	8270E	Total/NA
Acenaphthylene	0.041	J	0.34	0.0097	mg/Kg	1	☼	8270E	Total/NA
Anthracene	0.34		0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]anthracene	1.6		0.034	0.026	mg/Kg	1	☼	8270E	Total/NA
Benzo[a]pyrene	1.6		0.034	0.0091	mg/Kg	1	☼	8270E	Total/NA
Benzo[b]fluoranthene	2.0		0.034	0.0088	mg/Kg	1	☼	8270E	Total/NA
Benzo[g,h,i]perylene	1.0		0.34	0.010	mg/Kg	1	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.79		0.034	0.0067	mg/Kg	1	☼	8270E	Total/NA
Carbazole	0.13	J	0.34	0.013	mg/Kg	1	☼	8270E	Total/NA
Chrysene	1.5		0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.25		0.034	0.015	mg/Kg	1	☼	8270E	Total/NA
Dibenzofuran	0.052	J	0.34	0.011	mg/Kg	1	☼	8270E	Total/NA
Di-n-butyl phthalate	0.048	J	0.34	0.013	mg/Kg	1	☼	8270E	Total/NA
Fluoranthene	2.9		0.34	0.012	mg/Kg	1	☼	8270E	Total/NA
Fluorene	0.097	J	0.34	0.0099	mg/Kg	1	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.0		0.034	0.013	mg/Kg	1	☼	8270E	Total/NA
Naphthalene	0.038	J	0.34	0.0059	mg/Kg	1	☼	8270E	Total/NA
Phenanthrene	1.4		0.34	0.014	mg/Kg	1	☼	8270E	Total/NA
Pyrene	2.7		0.34	0.0085	mg/Kg	1	☼	8270E	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-4_(3-5) (Continued)
Lab Sample ID: 460-314754-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	6280		19.6	5.4	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.14	J	0.98	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	2.9		0.98	0.10	mg/Kg	1	☼	6020B	Total/NA
Barium	63.0		2.0	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.27	J	0.39	0.056	mg/Kg	1	☼	6020B	Total/NA
Cadmium	0.34	J	0.98	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	12400		98.0	39.9	mg/Kg	1	☼	6020B	Total/NA
Chromium	16.6		2.0	0.89	mg/Kg	1	☼	6020B	Total/NA
Cobalt	4.2		2.0	0.15	mg/Kg	1	☼	6020B	Total/NA
Copper	20.7		2.0	0.36	mg/Kg	1	☼	6020B	Total/NA
Iron	10400		58.8	19.8	mg/Kg	1	☼	6020B	Total/NA
Lead	68.2		0.59	0.20	mg/Kg	1	☼	6020B	Total/NA
Magnesium	3410		98.0	10	mg/Kg	1	☼	6020B	Total/NA
Manganese	212		3.1	0.31	mg/Kg	1	☼	6020B	Total/NA
Nickel	11.3		2.0	0.46	mg/Kg	1	☼	6020B	Total/NA
Potassium	830		98.0	15.9	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.18	J	1.2	0.13	mg/Kg	1	☼	6020B	Total/NA
Sodium	299		98.0	44.8	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.054	J	0.39	0.040	mg/Kg	1	☼	6020B	Total/NA
Vanadium	18.8		2.0	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	99.2		7.8	3.0	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.48		0.016	0.0075	mg/Kg	1	☼	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-3_(0-2)
Lab Sample ID: 460-314754-1
Date Collected: 11/04/24 08:10
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 99.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00029	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00027	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00038	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00022	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,1-Dichloroethane	0.0012	U	0.0012	0.00026	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00028	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00023	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,2,4-Trimethylbenzene	**0.00094**	**J**	0.0012	0.00031	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,2-Dibromo-3-Chloropropane	0.0012	U	0.0012	0.00057	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00037	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00053	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00039	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00045	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00028	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
2-Butanone (MEK)	0.0062	U	0.0062	0.00046	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
2-Hexanone	0.0062	U	0.0062	0.0021	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
4-Methyl-2-pentanone (MIBK)	0.0062	U	0.0062	0.0019	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Acetone	**0.0090**		0.0075	0.0071	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Benzene	0.0012	U	0.0012	0.00032	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Bromoform	0.0012	U *	0.0012	0.00053	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Bromomethane	0.0025	U	0.0025	0.0012	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Carbon disulfide	0.0012	U	0.0012	0.00033	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Carbon tetrachloride	0.0012	U	0.0012	0.00048	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Chlorobenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Chlorobromomethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Chlorodibromomethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Chloroethane	0.0012	U	0.0012	0.00065	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Chloroform	0.0012	U	0.0012	0.0012	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Chloromethane	0.0012	U	0.0012	0.00054	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00045	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00034	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Cyclohexane	0.0012	U	0.0012	0.00028	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Dichlorobromomethane	0.0012	U	0.0012	0.00032	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00042	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Ethylbenzene	0.0012	U	0.0012	0.00025	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Ethylene Dibromide	0.0012	U	0.0012	0.00022	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Isopropylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Methyl acetate	0.0062	U *	0.0062	0.0054	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00064	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Methylcyclohexane	0.0012	U	0.0012	0.00062	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Methylene Chloride	0.0025	U	0.0025	0.0014	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00022	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
n-Butylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
N-Propylbenzene	0.0012	U	0.0012	0.00022	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
o-Xylene	0.0012	U	0.0012	0.00024	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
sec-Butylbenzene	0.0012	U	0.0012	0.00036	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Styrene	0.0012	U	0.0012	0.00035	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-3_(0-2)
Lab Sample ID: 460-314754-1
Date Collected: 11/04/24 08:10
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 99.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Tetrachloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Toluene	0.0012	U	0.0012	0.00029	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00031	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00033	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Trichloroethene	0.0012	U	0.0012	0.00040	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00051	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Vinyl chloride	0.0012	U	0.0012	0.00068	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1
Xylenes, Total	0.0025	U	0.0025	0.00022	mg/Kg	☼	11/05/24 11:28	11/05/24 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*11/05/24 11:28*	*11/05/24 23:27*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*11/05/24 11:28*	*11/05/24 23:27*	*1*
Dibromofluoromethane (Surr)	*94*		*50 - 150*	*11/05/24 11:28*	*11/05/24 23:27*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*11/05/24 11:28*	*11/05/24 23:27*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.040**	**J**	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2-Chloronaphthalene	0.33	U	0.33	0.015	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2-Methylnaphthalene	**0.10**	**J**	0.33	0.0093	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
4-Nitroaniline	0.33	U	0.33	0.038	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
4-Nitrophenol	0.68	U	0.68	0.054	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Acenaphthene	**0.60**		0.33	0.0095	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Acenaphthylene	**0.092**	**J**	0.33	0.0095	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Acetophenone	**0.069**	**J**	0.33	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1

Client Sample ID: SB-3_(0-2)
Date Collected: 11/04/24 08:10
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-1
Matrix: Solid
Percent Solids: 99.1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**1.7**		0.33	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Benzo[a]anthracene	**5.2**		0.033	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Benzo[a]pyrene	**5.8**		0.033	0.0089	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Benzo[b]fluoranthene	**7.7**		0.033	0.0086	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Benzo[g,h,i]perylene	**3.0**		0.33	0.0098	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Benzo[k]fluoranthene	**3.0**		0.033	0.0065	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Carbazole	**0.60**		0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Chrysene	**5.0**		0.33	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Dibenz(a,h)anthracene	**0.78**		0.033	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Dibenzofuran	**0.32**	**J**	0.33	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Fluorene	**0.55**		0.33	0.0098	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Indeno[1,2,3-cd]pyrene	**3.0**		0.033	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Isophorone	0.13	U	0.13	0.096	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Naphthalene	**0.18**	**J**	0.33	0.0058	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Phenanthrene	**6.1**		0.33	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 05:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*24 - 137*	*11/06/24 13:34*	*11/07/24 05:55*	*1*
2-Fluorobiphenyl	*87*		*38 - 128*	*11/06/24 13:34*	*11/07/24 05:55*	*1*
2-Fluorophenol (Surr)	*81*		*31 - 133*	*11/06/24 13:34*	*11/07/24 05:55*	*1*
Nitrobenzene-d5 (Surr)	*82*		*31 - 120*	*11/06/24 13:34*	*11/07/24 05:55*	*1*
Phenol-d5 (Surr)	*79*		*35 - 132*	*11/06/24 13:34*	*11/07/24 05:55*	*1*
Terphenyl-d14 (Surr)	*83*		*44 - 147*	*11/06/24 13:34*	*11/07/24 05:55*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**9.6**		0.67	0.023	mg/Kg	☼	11/06/24 13:34	11/07/24 07:28	2
Pyrene	**8.9**		0.67	0.017	mg/Kg	☼	11/06/24 13:34	11/07/24 07:28	2

Client Sample ID: SB-3_(0-2)
Date Collected: 11/04/24 08:10
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-1
Matrix: Solid
Percent Solids: 99.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*24 - 137*	*11/06/24 13:34*	*11/07/24 07:28*	*2*
2-Fluorobiphenyl	*82*		*38 - 128*	*11/06/24 13:34*	*11/07/24 07:28*	*2*
2-Fluorophenol (Surr)	*80*		*31 - 133*	*11/06/24 13:34*	*11/07/24 07:28*	*2*
Nitrobenzene-d5 (Surr)	*77*		*31 - 120*	*11/06/24 13:34*	*11/07/24 07:28*	*2*
Phenol-d5 (Surr)	*80*		*35 - 132*	*11/06/24 13:34*	*11/07/24 07:28*	*2*
Terphenyl-d14 (Surr)	*83*		*44 - 147*	*11/06/24 13:34*	*11/07/24 07:28*	*2*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
Dieldrin	0.0020	U	0.0020	0.00088	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
Endosulfan I	0.0067	U *	0.0067	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
Endrin	0.0067	U	0.0067	0.00097	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg	☼	11/05/24 16:34	11/06/24 07:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*17 - 150*	*11/05/24 16:34*	*11/06/24 07:00*	*1*
DCB Decachlorobiphenyl	*54*		*17 - 150*	*11/05/24 16:34*	*11/06/24 07:00*	*1*
Tetrachloro-m-xylene	*43*		*21 - 150*	*11/05/24 16:34*	*11/06/24 07:00*	*1*
Tetrachloro-m-xylene	*50*		*21 - 150*	*11/05/24 16:34*	*11/06/24 07:00*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:08	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:08	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:08	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:08	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:08	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:08	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:08	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:08	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:08	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:08	1

Client Sample ID: SB-3_(0-2)
Lab Sample ID: 460-314754-1
Date Collected: 11/04/24 08:10
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 99.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*20 - 150*	*11/05/24 16:31*	*11/06/24 13:08*	*1*
DCB Decachlorobiphenyl	*44*		*20 - 150*	*11/05/24 16:31*	*11/06/24 13:08*	*1*
Tetrachloro-m-xylene	*45*		*20 - 150*	*11/05/24 16:31*	*11/06/24 13:08*	*1*
Tetrachloro-m-xylene	*42*		*20 - 150*	*11/05/24 16:31*	*11/06/24 13:08*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**4930**		18.4	5.0	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Antimony	**0.21**	**J**	0.92	0.13	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Arsenic	**2.7**		0.92	0.095	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Barium	**94.1**		1.8	0.13	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Beryllium	**0.22**	**J**	0.37	0.052	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Cadmium	**0.39**	**J**	0.92	0.10	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Calcium	**28400**		91.8	37.3	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Chromium	**12.6**		1.8	0.83	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Cobalt	**3.7**		1.8	0.14	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Copper	**20.9**		1.8	0.34	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Iron	**11800**		55.1	18.5	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Lead	**116**		0.55	0.18	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Magnesium	**8600**		91.8	9.4	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Manganese	**143**		3.1	0.31	mg/Kg	☼	11/08/24 21:30	11/11/24 12:08	1
Nickel	**9.8**		1.8	0.43	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Potassium	**902**		91.8	14.9	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Selenium	**0.14**	**J**	1.1	0.12	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Silver	0.37	U	0.37	0.082	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Sodium	**541**		91.8	41.9	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Thallium	**0.049**	**J**	0.37	0.038	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Vanadium	**26.0**		1.8	0.19	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1
Zinc	**173**		7.3	2.8	mg/Kg	☼	11/06/24 07:18	11/06/24 18:53	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.13**		0.017	0.0079	mg/Kg	☼	11/06/24 00:44	11/06/24 04:27	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	**1.7**	**J**	1.9	0.82	mg/Kg	☼	11/07/24 10:00	11/07/24 14:00	1
Cyanide, Total (SW846 9012B)	**0.16**	**J**	0.20	0.11	mg/Kg	☼	11/07/24 07:36	11/08/24 10:09	1
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			11/05/24 17:41	1
Percent Solids (EPA Moisture)	**99.1**		1.0	1.0	%			11/05/24 17:41	1

Client Sample ID: SB-2_(0-2)
Lab Sample ID: 460-314754-2
Date Collected: 11/04/24 09:35
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00029	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-314754-1

Client Sample ID: SB-2_(0-2)
Date Collected: 11/04/24 09:35
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-2
Matrix: Solid
Percent Solids: 98.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0014	U	0.0014	0.00028	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.00025	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00031	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
2-Butanone (MEK)	0.0069	U	0.0069	0.00050	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
2-Hexanone	0.0069	U	0.0069	0.0023	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
4-Methyl-2-pentanone (MIBK)	0.0069	U	0.0069	0.0021	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Acetone	0.0082	U	0.0082	0.0078	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Benzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Bromoform	0.0014	U *	0.0014	0.00058	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Carbon disulfide	0.0014	U	0.0014	0.00036	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Chlorobenzene	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Chlorobromomethane	0.0014	U	0.0014	0.00039	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Chlorodibromomethane	0.0014	U	0.0014	0.00027	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Chloroethane	0.0014	U	0.0014	0.00072	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Ethylbenzene	0.0014	U	0.0014	0.00027	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Ethylene Dibromide	0.0014	U	0.0014	0.00025	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Methyl acetate	0.0069	U *	0.0069	0.0059	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Methylcyclohexane	0.0014	U	0.0014	0.00068	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Methylene Chloride	0.0027	U	0.0027	0.0016	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
N-Propylbenzene	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
o-Xylene	0.0014	U	0.0014	0.00027	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
sec-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-2_(0-2)
Lab Sample ID: 460-314754-2
Date Collected: 11/04/24 09:35
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1
Xylenes, Total	0.0027	U	0.0027	0.00024	mg/Kg	☼	11/05/24 11:29	11/05/24 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*11/05/24 11:29*	*11/05/24 23:52*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*11/05/24 11:29*	*11/05/24 23:52*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*11/05/24 11:29*	*11/05/24 23:52*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*11/05/24 11:29*	*11/05/24 23:52*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
1,4-Dioxane	0.034	U	0.034	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2-Chloronaphthalene	0.34	U	0.34	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2-Methylnaphthalene	**0.023**	**J**	0.34	0.0094	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
4-Nitroaniline	0.34	U	0.34	0.039	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Acenaphthene	**0.012**	**J**	0.34	0.0096	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Acenaphthylene	**0.051**	**J**	0.34	0.0096	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Acetophenone	0.34	U	0.34	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Anthracene	**0.061**	**J**	0.34	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Benzo[a]anthracene	**0.27**		0.034	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1

Client Sample ID: SB-2_(0-2)
Lab Sample ID: 460-314754-2
Date Collected: 11/04/24 09:35
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.34**		0.034	0.0090	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Benzo[b]fluoranthene	**0.48**		0.034	0.0087	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Benzo[g,h,i]perylene	**0.21**	**J**	0.34	0.0099	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Benzo[k]fluoranthene	**0.17**		0.034	0.0066	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Bis(2-ethylhexyl) phthalate	**0.043**	**J**	0.34	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Caprolactam	0.34	U	0.34	0.052	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Carbazole	**0.014**	**J**	0.34	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Chrysene	**0.33**	**J**	0.34	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Dibenz(a,h)anthracene	**0.047**		0.034	0.015	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Dibenzofuran	**0.011**	**J**	0.34	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Dimethyl phthalate	0.34	U	0.34	0.076	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Di-n-butyl phthalate	**0.039**	**J**	0.34	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Fluoranthene	**0.41**		0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Fluorene	**0.014**	**J**	0.34	0.0098	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Hexachlorobutadiene	0.068	U	0.068	0.0072	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Indeno[1,2,3-cd]pyrene	**0.18**		0.034	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Isophorone	0.14	U	0.14	0.097	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Naphthalene	**0.022**	**J**	0.34	0.0058	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Phenanthrene	**0.16**	**J**	0.34	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1
Pyrene	**0.43**		0.34	0.0084	mg/Kg	☼	11/06/24 13:34	11/07/24 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*24 - 137*	*11/06/24 13:34*	*11/07/24 06:18*	*1*
2-Fluorobiphenyl	*73*		*38 - 128*	*11/06/24 13:34*	*11/07/24 06:18*	*1*
2-Fluorophenol (Surr)	*72*		*31 - 133*	*11/06/24 13:34*	*11/07/24 06:18*	*1*
Nitrobenzene-d5 (Surr)	*72*		*31 - 120*	*11/06/24 13:34*	*11/07/24 06:18*	*1*
Phenol-d5 (Surr)	*70*		*35 - 132*	*11/06/24 13:34*	*11/07/24 06:18*	*1*
Terphenyl-d14 (Surr)	*71*		*44 - 147*	*11/06/24 13:34*	*11/07/24 06:18*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.0068	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
4,4'-DDE	0.0068	U	0.0068	0.00080	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
4,4'-DDT	0.0068	U	0.0068	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
Aldrin	0.0068	U	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
alpha-BHC	0.0020	U	0.0020	0.00069	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
beta-BHC	0.0020	U	0.0020	0.00076	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1

Client Sample ID: SB-2_(0-2)
Date Collected: 11/04/24 09:35
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-2
Matrix: Solid
Percent Solids: 98.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.068	U	0.068	0.016	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
cis-Chlordane	0.0068	U	0.0068	0.0011	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
delta-BHC	0.0020	U	0.0020	0.00042	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
Dieldrin	0.0020	U	0.0020	0.00088	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
Endosulfan I	0.0068	U *	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
Endosulfan II	0.0068	U	0.0068	0.0017	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
Endosulfan sulfate	0.0068	U	0.0068	0.00085	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
Endrin	0.0068	U	0.0068	0.00097	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
Endrin aldehyde	0.0068	U	0.0068	0.0016	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
Endrin ketone	0.0068	U	0.0068	0.0013	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
Heptachlor	0.0068	U	0.0068	0.00080	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
Heptachlor epoxide	0.0068	U	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
Methoxychlor	0.0068	U	0.0068	0.0016	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1
Toxaphene	0.068	U	0.068	0.025	mg/Kg	☼	11/05/24 16:34	11/06/24 07:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*17 - 150*	*11/05/24 16:34*	*11/06/24 07:13*	*1*
DCB Decachlorobiphenyl	*70*		*17 - 150*	*11/05/24 16:34*	*11/06/24 07:13*	*1*
Tetrachloro-m-xylene	*71*		*21 - 150*	*11/05/24 16:34*	*11/06/24 07:13*	*1*
Tetrachloro-m-xylene	*76*		*21 - 150*	*11/05/24 16:34*	*11/06/24 07:13*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:25	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:25	1
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:25	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:25	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:25	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:25	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:25	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:25	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:25	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*20 - 150*	*11/05/24 16:31*	*11/06/24 13:25*	*1*
DCB Decachlorobiphenyl	*59*		*20 - 150*	*11/05/24 16:31*	*11/06/24 13:25*	*1*
Tetrachloro-m-xylene	*68*		*20 - 150*	*11/05/24 16:31*	*11/06/24 13:25*	*1*
Tetrachloro-m-xylene	*65*		*20 - 150*	*11/05/24 16:31*	*11/06/24 13:25*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7640**		18.2	5.0	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Antimony	0.91	U	0.91	0.13	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Arsenic	**2.9**		0.91	0.094	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Barium	**65.5**		1.8	0.13	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Beryllium	**0.30**	**J**	0.36	0.052	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Cadmium	**0.24**	**J**	0.91	0.10	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Calcium	**22500**		90.9	37.0	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1

Client Sample ID: SB-2_(0-2)
Lab Sample ID: 460-314754-2
Date Collected: 11/04/24 09:35
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.3

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	16.2		1.8	0.83	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Cobalt	5.7		1.8	0.13	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Copper	29.9		1.8	0.33	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Iron	14300		54.5	18.4	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Lead	64.3		0.55	0.18	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Magnesium	4690		90.9	9.3	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Manganese	202		3.2	0.32	mg/Kg	☼	11/08/24 21:30	11/11/24 12:11	1
Nickel	14.5		1.8	0.43	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Potassium	1710		90.9	14.7	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Selenium	0.19	J	1.1	0.12	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Silver	0.36	U	0.36	0.081	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Sodium	226		90.9	41.5	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Thallium	0.10	J	0.36	0.037	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Vanadium	33.4		1.8	0.19	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1
Zinc	90.7		7.3	2.8	mg/Kg	☼	11/06/24 07:18	11/06/24 18:55	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.16		0.016	0.0075	mg/Kg	☼	11/06/24 00:44	11/06/24 04:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.85	mg/Kg	☼	11/07/24 10:00	11/07/24 14:00	1
Cyanide, Total (SW846 9012B)	0.17	J	0.23	0.12	mg/Kg	☼	11/07/24 07:36	11/08/24 10:12	1
Percent Moisture (EPA Moisture)	1.7		1.0	1.0	%			11/05/24 17:41	1
Percent Solids (EPA Moisture)	98.3		1.0	1.0	%			11/05/24 17:41	1

Client Sample ID: SB-2_(3-5)
Lab Sample ID: 460-314754-3
Date Collected: 11/04/24 09:55
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0016	U	0.0016	0.00036	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,1,2,2-Tetrachloroethane	0.0016	U	0.0016	0.00033	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0016	U	0.0016	0.00047	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,1,2-Trichloroethane	0.0016	U	0.0016	0.00028	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,1-Dichloroethane	0.0016	U	0.0016	0.00032	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,1-Dichloroethene	0.0016	U	0.0016	0.00035	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,2,3-Trichlorobenzene	0.0016	U	0.0016	0.00028	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,2,4-Trichlorobenzene	0.0016	U	0.0016	0.00056	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,2,4-Trimethylbenzene	0.0016	U	0.0016	0.00038	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,2-Dibromo-3-Chloropropane	0.0016	U	0.0016	0.00072	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,2-Dichlorobenzene	0.0016	U	0.0016	0.00056	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,2-Dichloroethane	0.0016	U	0.0016	0.00046	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,2-Dichloropropane	0.0016	U	0.0016	0.00066	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,3,5-Trimethylbenzene	0.0016	U	0.0016	0.00049	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,3-Dichlorobenzene	0.0016	U	0.0016	0.00057	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
1,4-Dichlorobenzene	0.0016	U	0.0016	0.00035	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
2-Butanone (MEK)	0.0078	U	0.0078	0.00057	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-314754-1

Client Sample ID: SB-2_(3-5)
Date Collected: 11/04/24 09:55
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-3
Matrix: Solid
Percent Solids: 98.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	0.0078	U	0.0078	0.0027	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
4-Methyl-2-pentanone (MIBK)	0.0078	U	0.0078	0.0024	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Acetone	0.0093	U	0.0093	0.0089	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Benzene	0.0016	U	0.0016	0.00040	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Bromoform	0.0016	U *	0.0016	0.00066	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Bromomethane	0.0031	U	0.0031	0.0016	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Carbon disulfide	0.0016	U	0.0016	0.00041	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Carbon tetrachloride	0.0016	U	0.0016	0.00060	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Chlorobenzene	0.0016	U	0.0016	0.00028	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Chlorobromomethane	0.0016	U	0.0016	0.00044	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Chlorodibromomethane	0.0016	U	0.0016	0.00030	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Chloroethane	0.0016	U	0.0016	0.00081	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Chloroform	0.0016	U	0.0016	0.0015	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Chloromethane	0.0016	U	0.0016	0.00068	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
cis-1,2-Dichloroethene	0.0016	U	0.0016	0.00056	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
cis-1,3-Dichloropropene	0.0016	U	0.0016	0.00042	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Cyclohexane	**0.00077**	**J**	0.0016	0.00034	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Dichlorobromomethane	0.0016	U	0.0016	0.00040	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Dichlorodifluoromethane	0.0016	U	0.0016	0.00053	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Ethylbenzene	0.0016	U	0.0016	0.00031	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Ethylene Dibromide	0.0016	U	0.0016	0.00028	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Isopropylbenzene	0.0016	U	0.0016	0.00044	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Methyl acetate	0.0078	U *	0.0078	0.0067	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Methyl tert-butyl ether	0.0016	U	0.0016	0.00080	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Methylcyclohexane	0.0016	U	0.0016	0.00078	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Methylene Chloride	0.0031	U	0.0031	0.0018	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
m-Xylene & p-Xylene	0.0016	U	0.0016	0.00027	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
n-Butylbenzene	0.0016	U	0.0016	0.00046	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
N-Propylbenzene	0.0016	U	0.0016	0.00027	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
o-Xylene	0.0016	U	0.0016	0.00030	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
sec-Butylbenzene	0.0016	U	0.0016	0.00045	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Styrene	0.0016	U	0.0016	0.00043	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
tert-Butylbenzene	0.0016	U	0.0016	0.00043	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Tetrachloroethene	0.0016	U	0.0016	0.00047	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Toluene	0.0016	U	0.0016	0.00036	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
trans-1,2-Dichloroethene	0.0016	U	0.0016	0.00038	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
trans-1,3-Dichloropropene	0.0016	U	0.0016	0.00041	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Trichloroethene	0.0016	U	0.0016	0.00050	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Trichlorofluoromethane	0.0016	U	0.0016	0.00063	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Vinyl chloride	0.0016	U	0.0016	0.00085	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1
Xylenes, Total	0.0031	U	0.0031	0.00027	mg/Kg	☼	11/05/24 11:30	11/06/24 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*11/05/24 11:30*	*11/06/24 00:18*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*11/05/24 11:30*	*11/06/24 00:18*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*11/05/24 11:30*	*11/06/24 00:18*	*1*
Toluene-d8 (Surr)	*96*		*71 - 126*	*11/05/24 11:30*	*11/06/24 00:18*	*1*

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-314754-1

Client Sample ID: SB-2_(3-5)
Date Collected: 11/04/24 09:55
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-3
Matrix: Solid
Percent Solids: 98.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.021**	**J**	0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
1,4-Dioxane	0.034	U	0.034	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2-Chloronaphthalene	0.34	U	0.34	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2-Methylnaphthalene	**0.030**	**J**	0.34	0.0094	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
4-Nitroaniline	0.34	U	0.34	0.039	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Acenaphthene	**0.30**	**J**	0.34	0.0096	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Acenaphthylene	**0.073**	**J**	0.34	0.0096	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Acetophenone	0.34	U	0.34	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Anthracene	**0.58**		0.34	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Benzo[a]anthracene	**2.5**		0.034	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Benzo[a]pyrene	**2.8**		0.034	0.0090	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Benzo[b]fluoranthene	**3.6**		0.034	0.0087	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Benzo[g,h,i]perylene	**1.3**		0.34	0.0099	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Benzo[k]fluoranthene	**1.5**		0.034	0.0066	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Bis(2-ethylhexyl) phthalate	**5.6**		0.34	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Butyl benzyl phthalate	**0.043**	**J**	0.34	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Caprolactam	0.34	U	0.34	0.052	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Carbazole	**0.21**	**J**	0.34	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Chrysene	**2.5**		0.34	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Dibenz(a,h)anthracene	**0.37**		0.034	0.015	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Dibenzofuran	**0.081**	**J**	0.34	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1

Client Sample ID: SB-2_(3-5)
Date Collected: 11/04/24 09:55
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-3
Matrix: Solid
Percent Solids: 98.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Dimethyl phthalate	0.34	U	0.34	0.076	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Di-n-butyl phthalate	**0.027**	**J**	0.34	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Fluoranthene	**4.4**		0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Fluorene	**0.16**	**J**	0.34	0.0098	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Indeno[1,2,3-cd]pyrene	**1.4**		0.034	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Isophorone	0.14	U	0.14	0.097	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Naphthalene	**0.072**	**J**	0.34	0.0058	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Phenanthrene	**2.2**		0.34	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1
Pyrene	**4.1**		0.34	0.0084	mg/Kg	☼	11/06/24 13:34	11/07/24 06:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*70*		*24 - 137*	*11/06/24 13:34*	*11/07/24 06:41*	*1*
2-Fluorobiphenyl	*83*		*38 - 128*	*11/06/24 13:34*	*11/07/24 06:41*	*1*
2-Fluorophenol (Surr)	*79*		*31 - 133*	*11/06/24 13:34*	*11/07/24 06:41*	*1*
Nitrobenzene-d5 (Surr)	*78*		*31 - 120*	*11/06/24 13:34*	*11/07/24 06:41*	*1*
Phenol-d5 (Surr)	*77*		*35 - 132*	*11/06/24 13:34*	*11/07/24 06:41*	*1*
Terphenyl-d14 (Surr)	*79*		*44 - 147*	*11/06/24 13:34*	*11/07/24 06:41*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.0068	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
4,4'-DDE	0.0068	U	0.0068	0.00080	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
4,4'-DDT	0.0068	U	0.0068	0.0013	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
Aldrin	0.0068	U	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
alpha-BHC	0.0020	U	0.0020	0.00069	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
beta-BHC	0.0020	U	0.0020	0.00076	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
Chlordane (technical)	0.068	U	0.068	0.016	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
cis-Chlordane	0.0068	U	0.0068	0.0011	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
delta-BHC	0.0020	U	0.0020	0.00042	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
Dieldrin	0.0020	U	0.0020	0.00088	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
Endosulfan I	0.0068	U *	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
Endosulfan II	0.0068	U	0.0068	0.0017	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
Endosulfan sulfate	0.0068	U	0.0068	0.00085	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
Endrin	0.0068	U	0.0068	0.00098	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
Endrin aldehyde	0.0068	U	0.0068	0.0016	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
Endrin ketone	0.0068	U	0.0068	0.0013	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
Heptachlor	0.0068	U	0.0068	0.00080	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
Heptachlor epoxide	0.0068	U	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1

Client Sample ID: SB-2_(3-5)
Date Collected: 11/04/24 09:55
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-3
Matrix: Solid
Percent Solids: 98.3

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0068	U	0.0068	0.0016	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1
Toxaphene	0.068	U	0.068	0.025	mg/Kg	☼	11/05/24 16:34	11/06/24 07:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*62*		*17 - 150*	*11/05/24 16:34*	*11/06/24 07:26*	*1*
DCB Decachlorobiphenyl	*60*		*17 - 150*	*11/05/24 16:34*	*11/06/24 07:26*	*1*
Tetrachloro-m-xylene	*55*		*21 - 150*	*11/05/24 16:34*	*11/06/24 07:26*	*1*
Tetrachloro-m-xylene	*64*		*21 - 150*	*11/05/24 16:34*	*11/06/24 07:26*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 18:58	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 18:58	1
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 18:58	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 18:58	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 18:58	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 18:58	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 18:58	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 18:58	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 18:58	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*63*		*20 - 150*	*11/05/24 16:31*	*11/06/24 18:58*	*1*
DCB Decachlorobiphenyl	*59*		*20 - 150*	*11/05/24 16:31*	*11/06/24 18:58*	*1*
Tetrachloro-m-xylene	*63*		*20 - 150*	*11/05/24 16:31*	*11/06/24 18:58*	*1*
Tetrachloro-m-xylene	*59*		*20 - 150*	*11/05/24 16:31*	*11/06/24 18:58*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6540**		20.3	5.6	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Antimony	**0.36**	**J**	1.0	0.15	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Arsenic	**4.3**		1.0	0.10	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Barium	**102**		2.0	0.15	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Beryllium	**0.29**	**J**	0.41	0.058	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Cadmium	**0.64**	**J**	1.0	0.11	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Calcium	**16100**		102	41.4	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Chromium	**17.7**		2.0	0.92	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Cobalt	**5.0**		2.0	0.15	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Copper	**39.9**		2.0	0.37	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Iron	**18000**		61.0	20.5	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Lead	**161**		0.61	0.20	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Magnesium	**4870**		102	10.4	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Manganese	**271**		3.2	0.32	mg/Kg	☼	11/08/24 21:30	11/11/24 12:13	1
Nickel	**15.3**		2.0	0.48	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Potassium	**796**		102	16.5	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Selenium	**0.22**	**J**	1.3	0.13	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Silver	0.41	U	0.41	0.091	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Sodium	**169**		102	46.5	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Thallium	**0.055**	**J**	0.41	0.042	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1

Client Sample ID: SB-2_(3-5)
Lab Sample ID: 460-314754-3
Date Collected: 11/04/24 09:55
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.3

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	23.2		2.0	0.21	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1
Zinc	282		8.1	3.1	mg/Kg	☼	11/06/24 07:18	11/06/24 18:09	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.22		0.016	0.0076	mg/Kg	☼	11/06/24 00:44	11/06/24 04:30	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.85	mg/Kg	☼	11/07/24 10:00	11/07/24 14:00	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	11/07/24 07:36	11/08/24 10:12	1
Percent Moisture (EPA Moisture)	1.7		1.0	1.0	%			11/05/24 17:41	1
Percent Solids (EPA Moisture)	98.3		1.0	1.0	%			11/05/24 17:41	1

Client Sample ID: SB-5_(0-2)
Lab Sample ID: 460-314754-4
Date Collected: 11/04/24 12:00
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 99.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0019	U	0.0019	0.00045	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,1,2,2-Tetrachloroethane	0.0019	U	0.0019	0.00041	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0019	U	0.0019	0.00058	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,1,2-Trichloroethane	0.0019	U	0.0019	0.00035	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,1-Dichloroethane	0.0019	U	0.0019	0.00040	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,1-Dichloroethene	0.0019	U	0.0019	0.00044	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,2,3-Trichlorobenzene	0.0019	U	0.0019	0.00035	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,2,4-Trichlorobenzene	0.0019	U	0.0019	0.00069	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,2,4-Trimethylbenzene	0.0019	U	0.0019	0.00048	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,2-Dibromo-3-Chloropropane	0.0019	U	0.0019	0.00089	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,2-Dichlorobenzene	0.0019	U	0.0019	0.00070	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,2-Dichloroethane	0.0019	U	0.0019	0.00057	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,2-Dichloropropane	0.0019	U	0.0019	0.00082	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,3,5-Trimethylbenzene	0.0019	U	0.0019	0.00061	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,3-Dichlorobenzene	0.0019	U	0.0019	0.00071	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
1,4-Dichlorobenzene	0.0019	U	0.0019	0.00044	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
2-Butanone (MEK)	0.0097	U	0.0097	0.00071	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
2-Hexanone	0.0097	U	0.0097	0.0033	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
4-Methyl-2-pentanone (MIBK)	0.0097	U	0.0097	0.0030	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Acetone	0.012	U	0.012	0.011	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Benzene	0.0019	U	0.0019	0.00050	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Bromoform	0.0019	U *	0.0019	0.00082	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Bromomethane	0.0039	U	0.0039	0.0019	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Carbon disulfide	0.0019	U	0.0019	0.00052	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Carbon tetrachloride	0.0019	U	0.0019	0.00075	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Chlorobenzene	0.0019	U	0.0019	0.00034	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Chlorobromomethane	0.0019	U	0.0019	0.00054	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Chlorodibromomethane	0.0019	U	0.0019	0.00038	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Chloroethane	0.0019	U	0.0019	0.0010	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Chloroform	0.0019	U	0.0019	0.0019	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-5_(0-2)
Lab Sample ID: 460-314754-4
Date Collected: 11/04/24 12:00
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 99.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0019	U	0.0019	0.00084	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
cis-1,2-Dichloroethene	0.0019	U	0.0019	0.00069	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
cis-1,3-Dichloropropene	0.0019	U	0.0019	0.00053	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Cyclohexane	0.0019	U	0.0019	0.00043	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Dichlorobromomethane	0.0019	U	0.0019	0.00050	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Dichlorodifluoromethane	0.0019	U	0.0019	0.00066	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Ethylbenzene	0.0019	U	0.0019	0.00039	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Ethylene Dibromide	0.0019	U	0.0019	0.00035	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Isopropylbenzene	0.0019	U	0.0019	0.00055	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Methyl acetate	0.0097	U *	0.0097	0.0083	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Methyl tert-butyl ether	0.0019	U	0.0019	0.00099	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Methylcyclohexane	0.0019	U	0.0019	0.00097	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Methylene Chloride	0.0039	U	0.0039	0.0022	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
m-Xylene & p-Xylene	0.0019	U	0.0019	0.00034	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
n-Butylbenzene	0.0019	U	0.0019	0.00057	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
N-Propylbenzene	0.0019	U	0.0019	0.00034	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
o-Xylene	0.0019	U	0.0019	0.00038	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
sec-Butylbenzene	0.0019	U	0.0019	0.00056	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Styrene	0.0019	U	0.0019	0.00054	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
tert-Butylbenzene	0.0019	U	0.0019	0.00054	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Tetrachloroethene	0.0019	U	0.0019	0.00059	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Toluene	0.0019	U	0.0019	0.00045	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
trans-1,2-Dichloroethene	0.0019	U	0.0019	0.00048	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
trans-1,3-Dichloropropene	0.0019	U	0.0019	0.00052	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Trichloroethene	0.0019	U	0.0019	0.00062	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Trichlorofluoromethane	0.0019	U	0.0019	0.00079	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Vinyl chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1
Xylenes, Total	0.0039	U	0.0039	0.00034	mg/Kg	☼	11/05/24 11:31	11/06/24 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*65 - 138*	*11/05/24 11:31*	*11/06/24 00:43*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*11/05/24 11:31*	*11/06/24 00:43*	*1*
Dibromofluoromethane (Surr)	*94*		*50 - 150*	*11/05/24 11:31*	*11/06/24 00:43*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*11/05/24 11:31*	*11/06/24 00:43*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.017**	**J**	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2-Chloronaphthalene	0.33	U	0.33	0.015	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-5_(0-2)
Lab Sample ID: 460-314754-4
Date Collected: 11/04/24 12:00
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 99.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2-Methylnaphthalene	**0.045**	**J**	0.33	0.0093	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
4-Nitroaniline	0.33	U	0.33	0.038	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Acenaphthene	**0.062**	**J**	0.33	0.0095	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Acenaphthylene	**0.057**	**J**	0.33	0.0095	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Anthracene	**0.22**	**J**	0.33	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Benzo[a]anthracene	**1.2**		0.033	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Benzo[a]pyrene	**1.4**		0.033	0.0089	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Benzo[b]fluoranthene	**1.9**		0.033	0.0086	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Benzo[g,h,i]perylene	**0.70**		0.33	0.0098	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Benzo[k]fluoranthene	**0.65**		0.033	0.0065	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Bis(2-ethylhexyl) phthalate	**0.044**	**J**	0.33	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Carbazole	**0.065**	**J**	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Chrysene	**1.2**		0.33	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Dibenz(a,h)anthracene	**0.18**		0.033	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Dibenzofuran	**0.058**	**J**	0.33	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Di-n-butyl phthalate	**0.087**	**J**	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Fluoranthene	**1.5**		0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Fluorene	**0.042**	**J**	0.33	0.0097	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Hexachlorobutadiene	0.067	U	0.067	0.0071	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Indeno[1,2,3-cd]pyrene	**0.69**		0.033	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Isophorone	0.13	U	0.13	0.096	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Naphthalene	**0.10**	**J**	0.33	0.0058	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1

Client Sample ID: SB-5_(0-2)
Date Collected: 11/04/24 12:00
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-4
Matrix: Solid
Percent Solids: 99.2

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Phenanthrene	**0.59**		0.33	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1
Pyrene	**1.8**		0.33	0.0083	mg/Kg	☼	11/06/24 13:34	11/07/24 05:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*24 - 137*	*11/06/24 13:34*	*11/07/24 05:32*	*1*
2-Fluorobiphenyl	*83*		*38 - 128*	*11/06/24 13:34*	*11/07/24 05:32*	*1*
2-Fluorophenol (Surr)	*75*		*31 - 133*	*11/06/24 13:34*	*11/07/24 05:32*	*1*
Nitrobenzene-d5 (Surr)	*77*		*31 - 120*	*11/06/24 13:34*	*11/07/24 05:32*	*1*
Phenol-d5 (Surr)	*76*		*35 - 132*	*11/06/24 13:34*	*11/07/24 05:32*	*1*
Terphenyl-d14 (Surr)	*79*		*44 - 147*	*11/06/24 13:34*	*11/07/24 05:32*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
Endosulfan I	0.0067	U *	0.0067	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg	☼	11/05/24 16:34	11/06/24 07:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*67*		*17 - 150*	*11/05/24 16:34*	*11/06/24 07:39*	*1*
DCB Decachlorobiphenyl	*60*		*17 - 150*	*11/05/24 16:34*	*11/06/24 07:39*	*1*
Tetrachloro-m-xylene	*58*		*21 - 150*	*11/05/24 16:34*	*11/06/24 07:39*	*1*
Tetrachloro-m-xylene	*63*		*21 - 150*	*11/05/24 16:34*	*11/06/24 07:39*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:58	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:58	1

Client Sample ID: SB-5_(0-2)
Date Collected: 11/04/24 12:00
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-4
Matrix: Solid
Percent Solids: 99.2

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:58	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:58	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:58	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:58	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:58	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:58	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:58	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*		*20 - 150*	*11/05/24 16:31*	*11/06/24 13:58*	*1*
DCB Decachlorobiphenyl	*50*		*20 - 150*	*11/05/24 16:31*	*11/06/24 13:58*	*1*
Tetrachloro-m-xylene	*58*		*20 - 150*	*11/05/24 16:31*	*11/06/24 13:58*	*1*
Tetrachloro-m-xylene	*54*		*20 - 150*	*11/05/24 16:31*	*11/06/24 13:58*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6840**		19.0	5.2	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Antimony	**0.16**	**J**	0.95	0.14	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Arsenic	**2.7**		0.95	0.098	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Barium	**75.4**		1.9	0.14	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Beryllium	**0.28**	**J**	0.38	0.054	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Cadmium	**0.36**	**J**	0.95	0.11	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Calcium	**19000**		95.1	38.7	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Chromium	**13.6**		1.9	0.86	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Cobalt	**4.5**		1.9	0.14	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Copper	**25.4**		1.9	0.35	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Iron	**11600**		57.1	19.2	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Lead	**89.6**		0.57	0.19	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Magnesium	**3620**		95.1	9.7	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Manganese	**209**		3.1	0.32	mg/Kg	☼	11/08/24 21:30	11/11/24 12:16	1
Nickel	**11.5**		1.9	0.45	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Potassium	**1040**		95.1	15.4	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Selenium	**0.15**	**J**	1.2	0.12	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Silver	0.38	U	0.38	0.085	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Sodium	**343**		95.1	43.5	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Thallium	**0.066**	**J**	0.38	0.039	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Vanadium	**23.0**		1.9	0.20	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1
Zinc	**129**		7.6	2.9	mg/Kg	☼	11/06/24 07:18	11/06/24 18:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.083**		0.016	0.0077	mg/Kg	☼	11/06/24 00:44	11/06/24 04:32	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	1.9	U	1.9	0.82	mg/Kg	☼	11/07/24 10:00	11/07/24 14:00	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	11/07/24 07:36	11/08/24 10:13	1
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			11/05/24 17:41	1
Percent Solids (EPA Moisture)	**99.2**		1.0	1.0	%			11/05/24 17:41	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-5_(3-5)
Lab Sample ID: 460-314754-5
Date Collected: 11/04/24 11:10
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00031	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00025	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00029	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.00026	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00066	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00042	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00060	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00045	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
2-Butanone (MEK)	0.0071	U	0.0071	0.00053	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
2-Hexanone	0.0071	U	0.0071	0.0024	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
4-Methyl-2-pentanone (MIBK)	0.0071	U	0.0071	0.0022	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Acetone	0.0086	U	0.0086	0.0082	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Benzene	0.0014	U	0.0014	0.00037	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Bromoform	0.0014	U *	0.0014	0.00061	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Bromomethane	0.0029	U	0.0029	0.0014	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Carbon tetrachloride	0.0014	U	0.0014	0.00055	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Chlorobenzene	0.0014	U	0.0014	0.00025	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Chlorobromomethane	0.0014	U	0.0014	0.00040	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Chlorodibromomethane	0.0014	U	0.0014	0.00028	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Chloroethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Chloromethane	0.0014	U	0.0014	0.00062	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00051	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Cyclohexane	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Dichlorobromomethane	0.0014	U	0.0014	0.00037	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00048	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Ethylbenzene	0.0014	U	0.0014	0.00028	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Ethylene Dibromide	0.0014	U	0.0014	0.00026	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Isopropylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Methyl acetate	0.0071	U *	0.0071	0.0061	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00073	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Methylcyclohexane	0.0014	U	0.0014	0.00071	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Methylene Chloride	0.0029	U	0.0029	0.0016	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00025	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
n-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
N-Propylbenzene	0.0014	U	0.0014	0.00025	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
o-Xylene	0.0014	U	0.0014	0.00028	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
sec-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Styrene	0.0014	U	0.0014	0.00040	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-314754-1

Client Sample ID: SB-5_(3-5)
Date Collected: 11/04/24 11:10
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-5
Matrix: Solid
Percent Solids: 98.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Tetrachloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Toluene	0.0014	U	0.0014	0.00033	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Trichloroethene	0.0014	U	0.0014	0.00046	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00058	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Vinyl chloride	0.0014	U	0.0014	0.00078	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1
Xylenes, Total	0.0029	U	0.0029	0.00025	mg/Kg	☼	11/05/24 11:32	11/06/24 01:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*11/05/24 11:32*	*11/06/24 01:08*	*1*
4-Bromofluorobenzene	*99*		*71 - 128*	*11/05/24 11:32*	*11/06/24 01:08*	*1*
Dibromofluoromethane (Surr)	*97*		*50 - 150*	*11/05/24 11:32*	*11/06/24 01:08*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*11/05/24 11:32*	*11/06/24 01:08*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	**0.017**	**J**	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2-Chloronaphthalene	0.33	U	0.33	0.015	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2-Methylnaphthalene	**0.039**	**J**	0.33	0.0093	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
4-Chloro-3-methylphenol	**0.037**	**J**	0.33	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
4-Nitroaniline	0.33	U	0.33	0.038	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
4-Nitrophenol	0.68	U	0.68	0.054	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Acenaphthene	**0.53**		0.33	0.0095	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Acenaphthylene	**0.062**	**J**	0.33	0.0096	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1

Client Sample ID: SB-5_(3-5)
Lab Sample ID: 460-314754-5
Date Collected: 11/04/24 11:10
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**1.5**		0.33	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Benzo[a]anthracene	**3.8**		0.033	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Benzo[a]pyrene	**3.5**		0.033	0.0089	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Benzo[b]fluoranthene	**4.5**		0.033	0.0086	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Benzo[g,h,i]perylene	**1.8**		0.33	0.0099	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Benzo[k]fluoranthene	**1.6**		0.033	0.0066	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Carbazole	**0.26**	**J**	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Chrysene	**3.9**		0.33	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Dibenz(a,h)anthracene	**0.51**		0.033	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Dibenzofuran	**0.18**	**J**	0.33	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Fluorene	**0.39**		0.33	0.0098	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Indeno[1,2,3-cd]pyrene	**1.8**		0.033	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Naphthalene	**0.026**	**J**	0.33	0.0058	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Phenanthrene	**5.5**		0.33	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1
Pyrene	**7.2**		0.33	0.0083	mg/Kg	☼	11/06/24 13:34	11/07/24 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*24 - 137*	*11/06/24 13:34*	*11/07/24 03:35*	*1*
2-Fluorobiphenyl	*82*		*38 - 128*	*11/06/24 13:34*	*11/07/24 03:35*	*1*
2-Fluorophenol (Surr)	*73*		*31 - 133*	*11/06/24 13:34*	*11/07/24 03:35*	*1*
Nitrobenzene-d5 (Surr)	*74*		*31 - 120*	*11/06/24 13:34*	*11/07/24 03:35*	*1*
Phenol-d5 (Surr)	*75*		*35 - 132*	*11/06/24 13:34*	*11/07/24 03:35*	*1*
Terphenyl-d14 (Surr)	*87*		*44 - 147*	*11/06/24 13:34*	*11/07/24 03:35*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	**7.8**		0.67	0.023	mg/Kg	☼	11/06/24 13:34	11/07/24 07:05	2

Client Sample ID: SB-5_(3-5)
Date Collected: 11/04/24 11:10
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-5
Matrix: Solid
Percent Solids: 98.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*24 - 137*	*11/06/24 13:34*	*11/07/24 07:05*	*2*
2-Fluorobiphenyl	*74*		*38 - 128*	*11/06/24 13:34*	*11/07/24 07:05*	*2*
2-Fluorophenol (Surr)	*68*		*31 - 133*	*11/06/24 13:34*	*11/07/24 07:05*	*2*
Nitrobenzene-d5 (Surr)	*64*		*31 - 120*	*11/06/24 13:34*	*11/07/24 07:05*	*2*
Phenol-d5 (Surr)	*70*		*35 - 132*	*11/06/24 13:34*	*11/07/24 07:05*	*2*
Terphenyl-d14 (Surr)	*81*		*44 - 147*	*11/06/24 13:34*	*11/07/24 07:05*	*2*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.0068	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
4,4'-DDE	0.0068	U	0.0068	0.00080	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
4,4'-DDT	0.0068	U	0.0068	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
Aldrin	0.0068	U	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
alpha-BHC	0.0020	U	0.0020	0.00069	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
beta-BHC	0.0020	U	0.0020	0.00076	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
Chlordane (technical)	0.068	U	0.068	0.016	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
cis-Chlordane	0.0068	U	0.0068	0.0011	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
Dieldrin	0.0020	U	0.0020	0.00088	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
Endosulfan I	0.0068	U *	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
Endosulfan II	0.0068	U	0.0068	0.0017	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
Endosulfan sulfate	0.0068	U	0.0068	0.00085	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
Endrin	0.0068	U	0.0068	0.00097	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
Endrin aldehyde	0.0068	U	0.0068	0.0016	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
Endrin ketone	0.0068	U	0.0068	0.0013	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
Heptachlor	0.0068	U	0.0068	0.00080	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
Heptachlor epoxide	0.0068	U	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
Methoxychlor	0.0068	U	0.0068	0.0015	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1
Toxaphene	0.068	U	0.068	0.024	mg/Kg	☼	11/05/24 16:34	11/06/24 07:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*103*		*17 - 150*	*11/05/24 16:34*	*11/06/24 07:52*	*1*
DCB Decachlorobiphenyl	*94*		*17 - 150*	*11/05/24 16:34*	*11/06/24 07:52*	*1*
Tetrachloro-m-xylene	*97*		*21 - 150*	*11/05/24 16:34*	*11/06/24 07:52*	*1*
Tetrachloro-m-xylene	*101*		*21 - 150*	*11/05/24 16:34*	*11/06/24 07:52*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:15	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:15	1
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:15	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:15	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:15	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:15	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:15	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:15	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:15	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:15	1

Client Sample ID: SB-5_(3-5)
Lab Sample ID: 460-314754-5
Date Collected: 11/04/24 11:10
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.9

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*92*		*20 - 150*	*11/05/24 16:31*	*11/06/24 14:15*	*1*
DCB Decachlorobiphenyl	*83*		*20 - 150*	*11/05/24 16:31*	*11/06/24 14:15*	*1*
Tetrachloro-m-xylene	*96*		*20 - 150*	*11/05/24 16:31*	*11/06/24 14:15*	*1*
Tetrachloro-m-xylene	*92*		*20 - 150*	*11/05/24 16:31*	*11/06/24 14:15*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7050**		18.9	5.2	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Antimony	**0.41**	**J**	0.94	0.14	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Arsenic	**3.8**		0.94	0.097	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Barium	**58.6**		1.9	0.14	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Beryllium	**0.27**	**J**	0.38	0.054	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Cadmium	**0.29**	**J**	0.94	0.11	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Calcium	**13900**		94.5	38.4	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Chromium	**12.6**		1.9	0.86	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Cobalt	**4.1**		1.9	0.14	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Copper	**31.6**		1.9	0.35	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Iron	**12300**		56.7	19.1	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Lead	**219**		0.57	0.19	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Magnesium	**3210**		94.5	9.6	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Manganese	**262**		3.2	0.32	mg/Kg	☼	11/08/24 21:30	11/11/24 12:18	1
Nickel	**11.7**		1.9	0.44	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Potassium	**757**		94.5	15.3	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Selenium	**0.25**	**J**	1.2	0.12	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Silver	0.38	U	0.38	0.084	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Sodium	**241**		94.5	43.2	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Thallium	**0.066**	**J**	0.38	0.039	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Vanadium	**17.0**		1.9	0.19	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1
Zinc	**121**		7.6	2.9	mg/Kg	☼	11/06/24 07:18	11/06/24 19:00	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.15**		0.016	0.0076	mg/Kg	☼	11/06/24 00:44	11/06/24 04:34	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.84	mg/Kg	☼	11/07/24 10:00	11/07/24 14:00	1
Cyanide, Total (SW846 9012B)	**0.18**	**J**	0.20	0.11	mg/Kg	☼	11/07/24 07:36	11/08/24 10:14	1
Percent Moisture (EPA Moisture)	**1.1**		1.0	1.0	%			11/05/24 17:41	1
Percent Solids (EPA Moisture)	**98.9**		1.0	1.0	%			11/05/24 17:41	1

Client Sample ID: SB-1_(0-2)
Lab Sample ID: 460-314754-6
Date Collected: 11/04/24 12:10
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00029	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1

Client Sample ID: SB-1_(0-2)
Lab Sample ID: 460-314754-6
Date Collected: 11/04/24 12:10
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0014	U	0.0014	0.00028	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.00025	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,2,4-Trimethylbenzene	**0.00051**	**J**	0.0014	0.00033	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00062	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00040	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00057	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00031	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
2-Butanone (MEK)	0.0068	U	0.0068	0.00050	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
2-Hexanone	0.0068	U	0.0068	0.0023	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
4-Methyl-2-pentanone (MIBK)	0.0068	U	0.0068	0.0021	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Acetone	**0.0091**		0.0081	0.0078	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Benzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Bromoform	0.0014	U *	0.0014	0.00058	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Carbon disulfide	0.0014	U	0.0014	0.00036	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Carbon tetrachloride	0.0014	U	0.0014	0.00052	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Chlorobenzene	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Chlorobromomethane	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Chlorodibromomethane	0.0014	U	0.0014	0.00026	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Chloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Chloromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Ethylbenzene	0.0014	U	0.0014	0.00027	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Ethylene Dibromide	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Methyl acetate	0.0068	U *	0.0068	0.0058	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00069	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Methylcyclohexane	0.0014	U	0.0014	0.00068	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Methylene Chloride	0.0027	U	0.0027	0.0016	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
N-Propylbenzene	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
o-Xylene	0.0014	U	0.0014	0.00026	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
sec-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
tert-Butylbenzene	0.0014	U	0.0014	0.00037	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Tetrachloroethene	0.0014	U	0.0014	0.00041	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00033	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-1_(0-2)
Lab Sample ID: 460-314754-6
Date Collected: 11/04/24 12:10
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00055	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Vinyl chloride	0.0014	U	0.0014	0.00074	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1
Xylenes, Total	0.0027	U	0.0027	0.00024	mg/Kg	☼	11/05/24 11:33	11/06/24 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*11/05/24 11:33*	*11/06/24 01:33*	*1*
4-Bromofluorobenzene	*102*		*71 - 128*	*11/05/24 11:33*	*11/06/24 01:33*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*11/05/24 11:33*	*11/06/24 01:33*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*11/05/24 11:33*	*11/06/24 01:33*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2-Chloronaphthalene	0.33	U	0.33	0.015	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2-Methylnaphthalene	**0.028**	**J**	0.33	0.0093	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
4-Nitroaniline	0.33	U	0.33	0.038	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
4-Nitrophenol	0.68	U	0.68	0.054	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Acenaphthene	**0.018**	**J**	0.33	0.0095	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Acenaphthylene	**0.069**	**J**	0.33	0.0096	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Anthracene	**0.085**	**J**	0.33	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Benzo[a]anthracene	**0.41**		0.033	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1

Client Sample ID: SB-1_(0-2)
Lab Sample ID: 460-314754-6
Date Collected: 11/04/24 12:10
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.8

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**0.55**		0.033	0.0089	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Benzo[b]fluoranthene	**0.72**		0.033	0.0086	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Benzo[g,h,i]perylene	**0.31**	**J**	0.33	0.0099	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Benzo[k]fluoranthene	**0.27**		0.033	0.0066	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Carbazole	**0.025**	**J**	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Chrysene	**0.47**		0.33	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Dibenz(a,h)anthracene	**0.082**		0.033	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Dibenzofuran	**0.015**	**J**	0.33	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Di-n-butyl phthalate	**0.071**	**J**	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Fluoranthene	**0.58**		0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Fluorene	**0.015**	**J**	0.33	0.0098	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Indeno[1,2,3-cd]pyrene	**0.31**		0.033	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Naphthalene	**0.034**	**J**	0.33	0.0058	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Phenanthrene	**0.23**	**J**	0.33	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1
Pyrene	**0.62**		0.33	0.0083	mg/Kg	☼	11/06/24 13:34	11/07/24 03:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*24 - 137*	*11/06/24 13:34*	*11/07/24 03:59*	*1*
2-Fluorobiphenyl	*75*		*38 - 128*	*11/06/24 13:34*	*11/07/24 03:59*	*1*
2-Fluorophenol (Surr)	*71*		*31 - 133*	*11/06/24 13:34*	*11/07/24 03:59*	*1*
Nitrobenzene-d5 (Surr)	*73*		*31 - 120*	*11/06/24 13:34*	*11/07/24 03:59*	*1*
Phenol-d5 (Surr)	*70*		*35 - 132*	*11/06/24 13:34*	*11/07/24 03:59*	*1*
Terphenyl-d14 (Surr)	*68*		*44 - 147*	*11/06/24 13:34*	*11/07/24 03:59*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.0068	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
4,4'-DDE	0.0068	U	0.0068	0.00080	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
4,4'-DDT	0.0068	U	0.0068	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
Aldrin	0.0068	U	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
alpha-BHC	0.0020	U	0.0020	0.00069	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
beta-BHC	0.0020	U	0.0020	0.00076	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1

Client Sample ID: SB-1_(0-2)
Date Collected: 11/04/24 12:10
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-6
Matrix: Solid
Percent Solids: 98.8

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane (technical)	0.068	U	0.068	0.016	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
cis-Chlordane	0.0068	U	0.0068	0.0011	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
Dieldrin	0.0020	U	0.0020	0.00088	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
Endosulfan I	0.0068	U *	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
Endosulfan II	0.0068	U	0.0068	0.0017	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
Endosulfan sulfate	0.0068	U	0.0068	0.00085	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
Endrin	0.0068	U	0.0068	0.00097	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
Endrin aldehyde	0.0068	U	0.0068	0.0016	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
Endrin ketone	0.0068	U	0.0068	0.0013	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
Heptachlor	0.0068	U	0.0068	0.00080	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
Heptachlor epoxide	0.0068	U	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
Methoxychlor	0.0068	U	0.0068	0.0015	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1
Toxaphene	0.068	U	0.068	0.024	mg/Kg	☼	11/05/24 16:34	11/06/24 08:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*60*		*17 - 150*	*11/05/24 16:34*	*11/06/24 08:05*	*1*
DCB Decachlorobiphenyl	*54*		*17 - 150*	*11/05/24 16:34*	*11/06/24 08:05*	*1*
Tetrachloro-m-xylene	*50*		*21 - 150*	*11/05/24 16:34*	*11/06/24 08:05*	*1*
Tetrachloro-m-xylene	*59*		*21 - 150*	*11/05/24 16:34*	*11/06/24 08:05*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:31	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:31	1
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:31	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:31	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:31	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:31	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:31	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:31	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:31	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*53*		*20 - 150*	*11/05/24 16:31*	*11/06/24 14:31*	*1*
DCB Decachlorobiphenyl	*49*		*20 - 150*	*11/05/24 16:31*	*11/06/24 14:31*	*1*
Tetrachloro-m-xylene	*56*		*20 - 150*	*11/05/24 16:31*	*11/06/24 14:31*	*1*
Tetrachloro-m-xylene	*53*		*20 - 150*	*11/05/24 16:31*	*11/06/24 14:31*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6820**		17.6	4.8	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Antimony	0.88	U	0.88	0.13	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Arsenic	**3.0**		0.88	0.091	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Barium	**55.1**		1.8	0.13	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Beryllium	**0.28**	**J**	0.35	0.050	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Cadmium	**0.23**	**J**	0.88	0.099	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Calcium	**27400**		88.0	35.8	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1

Client Sample ID: SB-1_(0-2)
Lab Sample ID: 460-314754-6
Date Collected: 11/04/24 12:10
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.8

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	15.9		1.8	0.80	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Cobalt	4.8		1.8	0.13	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Copper	23.8		1.8	0.32	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Iron	14000		52.8	17.8	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Lead	47.9		0.53	0.18	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Magnesium	5910		88.0	9.0	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Manganese	164		3.1	0.31	mg/Kg	☼	11/08/24 21:30	11/11/24 12:21	1
Nickel	12.8		1.8	0.41	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Potassium	1410		88.0	14.3	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Selenium	0.19	J	1.1	0.11	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Silver	0.35	U	0.35	0.078	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Sodium	313		88.0	40.2	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Thallium	0.077	J	0.35	0.036	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Vanadium	30.7		1.8	0.18	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1
Zinc	61.3		7.0	2.7	mg/Kg	☼	11/06/24 07:18	11/06/24 19:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.099		0.017	0.0080	mg/Kg	☼	11/06/24 00:44	11/06/24 04:36	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.84	mg/Kg	☼	11/07/24 10:00	11/07/24 14:00	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	11/07/24 07:36	11/08/24 10:15	1
Percent Moisture (EPA Moisture)	1.2		1.0	1.0	%			11/05/24 17:41	1
Percent Solids (EPA Moisture)	98.8		1.0	1.0	%			11/05/24 17:41	1

Client Sample ID: SB-1_(3-5)
Lab Sample ID: 460-314754-7
Date Collected: 11/04/24 12:25
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00029	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00028	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.00025	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00034	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00031	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
2-Butanone (MEK)	0.0068	U	0.0068	0.00050	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-314754-1

Client Sample ID: SB-1_(3-5)
Date Collected: 11/04/24 12:25
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-7
Matrix: Solid
Percent Solids: 98.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Hexanone	0.0068	U	0.0068	0.0023	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
4-Methyl-2-pentanone (MIBK)	0.0068	U	0.0068	0.0021	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Acetone	0.0082	U	0.0082	0.0078	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Benzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Bromoform	0.0014	U *	0.0014	0.00058	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Carbon disulfide	0.0014	U	0.0014	0.00036	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Chlorobenzene	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Chlorobromomethane	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Chlorodibromomethane	0.0014	U	0.0014	0.00027	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Chloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Chloromethane	0.0014	U	0.0014	0.00060	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Ethylbenzene	0.0014	U	0.0014	0.00027	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Ethylene Dibromide	0.0014	U	0.0014	0.00025	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Methyl acetate	0.0068	U *	0.0068	0.0059	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Methylcyclohexane	0.0014	U	0.0014	0.00068	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Methylene Chloride	0.0027	U	0.0027	0.0016	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
N-Propylbenzene	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
o-Xylene	0.0014	U	0.0014	0.00027	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
sec-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Tetrachloroethene	0.0014	U	0.0014	0.00042	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00034	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00056	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Vinyl chloride	0.0014	U	0.0014	0.00075	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1
Xylenes, Total	0.0027	U	0.0027	0.00024	mg/Kg	☼	11/05/24 11:34	11/06/24 01:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*65 - 138*	*11/05/24 11:34*	*11/06/24 01:58*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*11/05/24 11:34*	*11/06/24 01:58*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*11/05/24 11:34*	*11/06/24 01:58*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*11/05/24 11:34*	*11/06/24 01:58*	*1*

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-314754-1

Client Sample ID: SB-1_(3-5)
Date Collected: 11/04/24 12:25
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-7
Matrix: Solid
Percent Solids: 98.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2-Chloronaphthalene	0.33	U	0.33	0.015	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2-Methylnaphthalene	**0.012**	**J**	0.33	0.0093	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
4-Nitroaniline	0.33	U	0.33	0.038	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
4-Nitrophenol	0.68	U	0.68	0.054	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Acenaphthene	**0.015**	**J**	0.33	0.0095	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Acenaphthylene	**0.065**	**J**	0.33	0.0096	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Anthracene	**0.075**	**J**	0.33	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Benzo[a]anthracene	**0.42**		0.033	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Benzo[a]pyrene	**0.59**		0.033	0.0089	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Benzo[b]fluoranthene	**0.70**		0.033	0.0086	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Benzo[g,h,i]perylene	**0.57**		0.33	0.0098	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Benzo[k]fluoranthene	**0.27**		0.033	0.0066	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Carbazole	**0.022**	**J**	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Chrysene	**0.45**		0.33	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Dibenz(a,h)anthracene	**0.11**		0.033	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Dibenzofuran	**0.014**	**J**	0.33	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1

Client Sample ID: SB-1_(3-5)
Lab Sample ID: 460-314754-7
Date Collected: 11/04/24 12:25
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Di-n-butyl phthalate	**0.089**	**J**	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Fluoranthene	**0.66**		0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Fluorene	**0.013**	**J**	0.33	0.0098	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Indeno[1,2,3-cd]pyrene	**0.50**		0.033	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Naphthalene	**0.034**	**J**	0.33	0.0058	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Phenanthrene	**0.28**	**J**	0.33	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1
Pyrene	**0.69**		0.33	0.0083	mg/Kg	☼	11/06/24 13:34	11/07/24 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*24 - 137*	*11/06/24 13:34*	*11/07/24 01:39*	*1*
2-Fluorobiphenyl	*86*		*38 - 128*	*11/06/24 13:34*	*11/07/24 01:39*	*1*
2-Fluorophenol (Surr)	*76*		*31 - 133*	*11/06/24 13:34*	*11/07/24 01:39*	*1*
Nitrobenzene-d5 (Surr)	*80*		*31 - 120*	*11/06/24 13:34*	*11/07/24 01:39*	*1*
Phenol-d5 (Surr)	*77*		*35 - 132*	*11/06/24 13:34*	*11/07/24 01:39*	*1*
Terphenyl-d14 (Surr)	*88*		*44 - 147*	*11/06/24 13:34*	*11/07/24 01:39*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.0068	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
4,4'-DDE	0.0068	U	0.0068	0.00080	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
4,4'-DDT	0.0068	U	0.0068	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
Aldrin	0.0068	U	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
alpha-BHC	0.0020	U	0.0020	0.00069	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
beta-BHC	0.0020	U	0.0020	0.00076	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
Chlordane (technical)	0.068	U	0.068	0.016	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
cis-Chlordane	0.0068	U	0.0068	0.0011	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
Dieldrin	0.0020	U	0.0020	0.00088	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
Endosulfan I	0.0068	U *	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
Endosulfan II	0.0068	U	0.0068	0.0017	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
Endosulfan sulfate	0.0068	U	0.0068	0.00085	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
Endrin	0.0068	U	0.0068	0.00097	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
Endrin aldehyde	0.0068	U	0.0068	0.0016	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
Endrin ketone	0.0068	U	0.0068	0.0013	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
Heptachlor	0.0068	U	0.0068	0.00080	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
Heptachlor epoxide	0.0068	U	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1

Client Sample ID: SB-1_(3-5)
Date Collected: 11/04/24 12:25
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-7
Matrix: Solid
Percent Solids: 98.7

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methoxychlor	0.0068	U	0.0068	0.0015	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1
Toxaphene	0.068	U	0.068	0.024	mg/Kg	☼	11/05/24 16:34	11/06/24 08:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*102*		*17 - 150*	*11/05/24 16:34*	*11/06/24 08:18*	*1*
DCB Decachlorobiphenyl	*93*		*17 - 150*	*11/05/24 16:34*	*11/06/24 08:18*	*1*
Tetrachloro-m-xylene	*86*		*21 - 150*	*11/05/24 16:34*	*11/06/24 08:18*	*1*
Tetrachloro-m-xylene	*100*		*21 - 150*	*11/05/24 16:34*	*11/06/24 08:18*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:48	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:48	1
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:48	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:48	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:48	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:48	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:48	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:48	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:48	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 14:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*83*		*20 - 150*	*11/05/24 16:31*	*11/06/24 14:48*	*1*
DCB Decachlorobiphenyl	*76*		*20 - 150*	*11/05/24 16:31*	*11/06/24 14:48*	*1*
Tetrachloro-m-xylene	*90*		*20 - 150*	*11/05/24 16:31*	*11/06/24 14:48*	*1*
Tetrachloro-m-xylene	*88*		*20 - 150*	*11/05/24 16:31*	*11/06/24 14:48*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**7050**		19.1	5.2	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Antimony	**1.5**		0.96	0.14	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Arsenic	**6.6**		0.96	0.098	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Barium	**58.2**		1.9	0.14	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Beryllium	**0.26**	**J**	0.38	0.054	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Cadmium	**0.27**	**J**	0.96	0.11	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Calcium	**3390**		95.6	38.9	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Chromium	**23.9**		1.9	0.87	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Cobalt	**4.0**		1.9	0.14	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Copper	**37.0**		1.9	0.35	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Iron	**12400**		57.3	19.3	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Lead	**299**		0.57	0.19	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Magnesium	**1660**		95.6	9.7	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Manganese	**268**		3.2	0.32	mg/Kg	☼	11/08/24 21:30	11/11/24 12:23	1
Nickel	**13.8**		1.9	0.45	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Potassium	**602**		95.6	15.5	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Selenium	**0.87**	**J**	1.2	0.12	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Silver	**0.13**	**J**	0.38	0.085	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Sodium	**165**		95.6	43.7	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Thallium	**0.16**	**J**	0.38	0.039	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1

Client Sample ID: SB-1_(3-5)
Lab Sample ID: 460-314754-7
Date Collected: 11/04/24 12:25
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.7

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	16.9		1.9	0.20	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1
Zinc	190		7.6	2.9	mg/Kg	☼	11/06/24 07:18	11/06/24 19:05	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.53		0.017	0.0081	mg/Kg	☼	11/06/24 00:44	11/06/24 04:37	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.84	mg/Kg	☼	11/07/24 10:00	11/07/24 14:00	1
Cyanide, Total (SW846 9012B)	0.20	U	0.20	0.11	mg/Kg	☼	11/07/24 07:36	11/08/24 10:20	1
Percent Moisture (EPA Moisture)	1.3		1.0	1.0	%			11/05/24 17:41	1
Percent Solids (EPA Moisture)	98.7		1.0	1.0	%			11/05/24 17:41	1

Client Sample ID: SB-4_(0-2)
Lab Sample ID: 460-314754-8
Date Collected: 11/04/24 13:20
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00029	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00041	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00028	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00031	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.00025	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00033	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00063	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00049	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00040	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00058	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00043	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00050	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00031	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
2-Butanone (MEK)	0.0068	U	0.0068	0.00050	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
2-Hexanone	0.0068	U	0.0068	0.0023	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
4-Methyl-2-pentanone (MIBK)	0.0068	U	0.0068	0.0021	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Acetone	0.0082	U	0.0082	0.0078	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Benzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Bromoform	0.0014	U *	0.0014	0.00058	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Bromomethane	0.0027	U	0.0027	0.0014	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Carbon disulfide	0.0014	U	0.0014	0.00036	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Carbon tetrachloride	0.0014	U	0.0014	0.00053	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Chlorobenzene	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Chlorobromomethane	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Chlorodibromomethane	0.0014	U	0.0014	0.00026	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Chloroethane	0.0014	U	0.0014	0.00071	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Chloroform	0.0014	U	0.0014	0.0013	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1

Client Sample ID: SB-4_(0-2) | **Lab Sample ID: 460-314754-8**
Date Collected: 11/04/24 13:20 | **Matrix: Solid**
Date Received: 11/05/24 10:19 | **Percent Solids: 98.6**

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	0.0014	U	0.0014	0.00059	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00049	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00037	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Cyclohexane	0.0014	U	0.0014	0.00030	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Dichlorobromomethane	0.0014	U	0.0014	0.00035	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00046	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Ethylbenzene	0.0014	U	0.0014	0.00027	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Ethylene Dibromide	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Isopropylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Methyl acetate	0.0068	U *	0.0068	0.0058	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00070	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Methylcyclohexane	0.0014	U	0.0014	0.00068	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Methylene Chloride	0.0027	U	0.0027	0.0016	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
n-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
N-Propylbenzene	0.0014	U	0.0014	0.00024	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
o-Xylene	0.0014	U	0.0014	0.00026	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
sec-Butylbenzene	0.0014	U	0.0014	0.00039	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Styrene	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
tert-Butylbenzene	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Tetrachloroethene	0.0014	U	0.0014	0.00041	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Toluene	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00033	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00036	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Trichloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00055	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Vinyl chloride	0.0014	U	0.0014	0.00074	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1
Xylenes, Total	0.0027	U	0.0027	0.00024	mg/Kg	☼	11/05/24 11:35	11/06/24 02:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*65 - 138*	*11/05/24 11:35*	*11/06/24 02:23*	*1*
4-Bromofluorobenzene	*101*		*71 - 128*	*11/05/24 11:35*	*11/06/24 02:23*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*11/05/24 11:35*	*11/06/24 02:23*	*1*
Toluene-d8 (Surr)	*95*		*71 - 126*	*11/05/24 11:35*	*11/06/24 02:23*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2,4-Dichlorophenol	0.13	U	0.13	0.022	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2-Chloronaphthalene	0.33	U	0.33	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-4_(0-2)
Lab Sample ID: 460-314754-8
Date Collected: 11/04/24 13:20
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 98.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2-Methylnaphthalene	**0.034**	**J**	0.33	0.0094	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2-Methylphenol	0.33	U	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2-Nitroaniline	0.33	U	0.33	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
2-Nitrophenol	0.33	U	0.33	0.034	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.051	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
3-Nitroaniline	0.33	U	0.33	0.080	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
4-Chloroaniline	0.33	U	0.33	0.060	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
4-Nitroaniline	0.33	U	0.33	0.039	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Acenaphthene	**0.16**	**J**	0.33	0.0096	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Acenaphthylene	**0.12**	**J**	0.33	0.0096	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Anthracene	**0.37**		0.33	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Atrazine	0.13	U	0.13	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Benzo[a]anthracene	**1.8**		0.033	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Benzo[a]pyrene	**2.0**		0.033	0.0089	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Benzo[b]fluoranthene	**2.7**		0.033	0.0087	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Benzo[g,h,i]perylene	**0.98**		0.33	0.0099	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Benzo[k]fluoranthene	**0.97**		0.033	0.0066	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Caprolactam	0.33	U	0.33	0.052	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Carbazole	**0.12**	**J**	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Chrysene	**1.8**		0.33	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Dibenz(a,h)anthracene	**0.26**		0.033	0.015	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Dibenzofuran	**0.062**	**J**	0.33	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Di-n-butyl phthalate	**0.081**	**J**	0.33	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Fluoranthene	**2.9**		0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Fluorene	**0.10**	**J**	0.33	0.0098	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Hexachlorobutadiene	0.068	U	0.068	0.0071	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Hexachloroethane	0.033	U	0.033	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Indeno[1,2,3-cd]pyrene	**0.99**		0.033	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Isophorone	0.13	U	0.13	0.097	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Naphthalene	**0.078**	**J**	0.33	0.0058	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1

Client Sample ID: SB-4_(0-2) — **Lab Sample ID: 460-314754-8**
Date Collected: 11/04/24 13:20 — **Matrix: Solid**
Date Received: 11/05/24 10:19 — **Percent Solids: 98.6**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	0.033	U	0.033	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.028	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Phenanthrene	**1.3**		0.33	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1
Pyrene	**2.8**		0.33	0.0083	mg/Kg	☼	11/06/24 13:34	11/07/24 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*24 - 137*	*11/06/24 13:34*	*11/07/24 04:22*	*1*
2-Fluorobiphenyl	*86*		*38 - 128*	*11/06/24 13:34*	*11/07/24 04:22*	*1*
2-Fluorophenol (Surr)	*79*		*31 - 133*	*11/06/24 13:34*	*11/07/24 04:22*	*1*
Nitrobenzene-d5 (Surr)	*79*		*31 - 120*	*11/06/24 13:34*	*11/07/24 04:22*	*1*
Phenol-d5 (Surr)	*78*		*35 - 132*	*11/06/24 13:34*	*11/07/24 04:22*	*1*
Terphenyl-d14 (Surr)	*82*		*44 - 147*	*11/06/24 13:34*	*11/07/24 04:22*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0068	U	0.0068	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
4,4'-DDE	0.0068	U	0.0068	0.00080	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
4,4'-DDT	0.0068	U	0.0068	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
Aldrin	0.0068	U	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
alpha-BHC	0.0020	U	0.0020	0.00069	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
beta-BHC	0.0020	U	0.0020	0.00076	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
Chlordane (technical)	0.068	U	0.068	0.016	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
cis-Chlordane	**0.0070**		0.0068	0.0011	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
Dieldrin	0.0020	U	0.0020	0.00088	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
Endosulfan I	0.0068	U *	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
Endosulfan II	0.0068	U	0.0068	0.0017	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
Endosulfan sulfate	0.0068	U	0.0068	0.00085	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
Endrin	**0.0024**	**J**	0.0068	0.00097	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
Endrin aldehyde	0.0068	U	0.0068	0.0016	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
Endrin ketone	0.0068	U	0.0068	0.0013	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00063	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
Heptachlor	0.0068	U	0.0068	0.00080	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
Heptachlor epoxide	0.0068	U	0.0068	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
Methoxychlor	0.0068	U	0.0068	0.0015	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1
Toxaphene	0.068	U	0.068	0.024	mg/Kg	☼	11/05/24 16:34	11/06/24 08:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*75*		*17 - 150*	*11/05/24 16:34*	*11/06/24 08:31*	*1*
DCB Decachlorobiphenyl	*65*		*17 - 150*	*11/05/24 16:34*	*11/06/24 08:31*	*1*
Tetrachloro-m-xylene	*59*		*21 - 150*	*11/05/24 16:34*	*11/06/24 08:31*	*1*
Tetrachloro-m-xylene	*70*		*21 - 150*	*11/05/24 16:34*	*11/06/24 08:31*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:05	1
Aroclor 1221	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:05	1

Client Sample ID: SB-4_(0-2)
Date Collected: 11/04/24 13:20
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-8
Matrix: Solid
Percent Solids: 98.6

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1232	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:05	1
Aroclor 1242	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:05	1
Aroclor 1248	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:05	1
Aroclor 1254	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:05	1
Aroclor 1260	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:05	1
Aroclor-1262	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:05	1
Aroclor 1268	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:05	1
Polychlorinated biphenyls, Total	0.068	U	0.068	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*65*		*20 - 150*	*11/05/24 16:31*	*11/06/24 15:05*	*1*
DCB Decachlorobiphenyl	*59*		*20 - 150*	*11/05/24 16:31*	*11/06/24 15:05*	*1*
Tetrachloro-m-xylene	*63*		*20 - 150*	*11/05/24 16:31*	*11/06/24 15:05*	*1*
Tetrachloro-m-xylene	*60*		*20 - 150*	*11/05/24 16:31*	*11/06/24 15:05*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6190**		18.1	5.0	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Antimony	**0.16**	**J**	0.91	0.13	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Arsenic	**3.3**		0.91	0.093	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Barium	**68.3**		1.8	0.13	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Beryllium	**0.24**	**J**	0.36	0.052	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Cadmium	**0.33**	**J**	0.91	0.10	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Calcium	**12100**		90.5	36.9	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Chromium	**13.7**		1.8	0.82	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Cobalt	**4.9**		1.8	0.13	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Copper	**22.8**		1.8	0.33	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Iron	**11100**		54.3	18.3	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Lead	**70.4**		0.54	0.18	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Magnesium	**3490**		90.5	9.2	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Manganese	**185**		3.1	0.31	mg/Kg	☼	11/08/24 21:30	11/11/24 12:26	1
Nickel	**11.2**		1.8	0.43	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Potassium	**880**		90.5	14.7	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Selenium	**0.19**	**J**	1.1	0.12	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Silver	0.36	U	0.36	0.081	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Sodium	**270**		90.5	41.4	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Thallium	**0.062**	**J**	0.36	0.037	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Vanadium	**21.3**		1.8	0.19	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1
Zinc	**103**		7.2	2.8	mg/Kg	☼	11/06/24 07:18	11/06/24 19:08	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.19**		0.016	0.0075	mg/Kg	☼	11/06/24 00:44	11/06/24 04:39	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.83	mg/Kg	☼	11/07/24 10:00	11/07/24 14:00	1
Cyanide, Total (SW846 9012B)	**0.31**		0.21	0.11	mg/Kg	☼	11/07/24 07:36	11/08/24 10:21	1
Percent Moisture (EPA Moisture)	**1.4**		1.0	1.0	%			11/05/24 17:41	1
Percent Solids (EPA Moisture)	**98.6**		1.0	1.0	%			11/05/24 17:41	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-4_(3-5)
Lab Sample ID: 460-314754-9
Date Collected: 11/04/24 13:35
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0014	U	0.0014	0.00033	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,1,2,2-Tetrachloroethane	0.0014	U	0.0014	0.00031	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,1,2-Trichloroethane	0.0014	U	0.0014	0.00026	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,1-Dichloroethane	0.0014	U	0.0014	0.00030	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,1-Dichloroethene	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,2,3-Trichlorobenzene	0.0014	U	0.0014	0.00026	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,2,4-Trichlorobenzene	0.0014	U	0.0014	0.00051	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,2,4-Trimethylbenzene	0.0014	U	0.0014	0.00035	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,2-Dibromo-3-Chloropropane	0.0014	U	0.0014	0.00066	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,2-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,2-Dichloroethane	0.0014	U	0.0014	0.00043	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,2-Dichloropropane	0.0014	U	0.0014	0.00061	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,3,5-Trimethylbenzene	0.0014	U	0.0014	0.00045	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,3-Dichlorobenzene	0.0014	U	0.0014	0.00052	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
1,4-Dichlorobenzene	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
2-Butanone (MEK)	0.0072	U	0.0072	0.00053	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
2-Hexanone	0.0072	U	0.0072	0.0025	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
4-Methyl-2-pentanone (MIBK)	0.0072	U	0.0072	0.0022	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Acetone	**0.011**		0.0086	0.0082	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Benzene	0.0014	U	0.0014	0.00037	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Bromoform	0.0014	U *	0.0014	0.00061	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Bromomethane	0.0029	U	0.0029	0.0014	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Carbon disulfide	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Carbon tetrachloride	0.0014	U	0.0014	0.00056	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Chlorobenzene	0.0014	U	0.0014	0.00025	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Chlorobromomethane	0.0014	U	0.0014	0.00040	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Chlorodibromomethane	0.0014	U	0.0014	0.00028	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Chloroethane	0.0014	U	0.0014	0.00075	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Chloroform	0.0014	U	0.0014	0.0014	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Chloromethane	0.0014	U	0.0014	0.00063	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
cis-1,2-Dichloroethene	0.0014	U	0.0014	0.00051	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
cis-1,3-Dichloropropene	0.0014	U	0.0014	0.00039	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Cyclohexane	0.0014	U	0.0014	0.00032	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Dichlorobromomethane	0.0014	U	0.0014	0.00037	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Dichlorodifluoromethane	0.0014	U	0.0014	0.00049	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Ethylbenzene	0.0014	U	0.0014	0.00029	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Ethylene Dibromide	0.0014	U	0.0014	0.00026	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Isopropylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Methyl acetate	0.0072	U *	0.0072	0.0062	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Methyl tert-butyl ether	0.0014	U	0.0014	0.00074	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Methylcyclohexane	0.0014	U	0.0014	0.00072	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Methylene Chloride	0.0029	U	0.0029	0.0016	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
m-Xylene & p-Xylene	0.0014	U	0.0014	0.00025	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
n-Butylbenzene	0.0014	U	0.0014	0.00042	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
N-Propylbenzene	0.0014	U	0.0014	0.00025	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
o-Xylene	0.0014	U	0.0014	0.00028	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
sec-Butylbenzene	0.0014	U	0.0014	0.00041	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Styrene	0.0014	U	0.0014	0.00040	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-4_(3-5)
Lab Sample ID: 460-314754-9
Date Collected: 11/04/24 13:35
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0014	U	0.0014	0.00040	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Tetrachloroethene	0.0014	U	0.0014	0.00044	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Toluene	0.0014	U	0.0014	0.00034	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
trans-1,2-Dichloroethene	0.0014	U	0.0014	0.00035	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
trans-1,3-Dichloropropene	0.0014	U	0.0014	0.00038	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Trichloroethene	0.0014	U	0.0014	0.00046	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Trichlorofluoromethane	0.0014	U	0.0014	0.00058	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Vinyl chloride	0.0014	U	0.0014	0.00078	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1
Xylenes, Total	0.0029	U	0.0029	0.00025	mg/Kg	☼	11/05/24 11:36	11/06/24 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*65 - 138*	*11/05/24 11:36*	*11/06/24 02:47*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*	*11/05/24 11:36*	*11/06/24 02:47*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*11/05/24 11:36*	*11/06/24 02:47*	*1*
Toluene-d8 (Surr)	*94*		*71 - 126*	*11/05/24 11:36*	*11/06/24 02:47*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2-Chloronaphthalene	0.34	U	0.34	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2-Methylnaphthalene	**0.019**	**J**	0.34	0.0095	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
4-Nitroaniline	0.34	U	0.34	0.039	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Acenaphthene	**0.14**	**J**	0.34	0.0097	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Acenaphthylene	**0.041**	**J**	0.34	0.0097	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1

Client Sample ID: SB-4_(3-5) | **Lab Sample ID: 460-314754-9**
Date Collected: 11/04/24 13:35 | **Matrix: Solid**
Date Received: 11/05/24 10:19 | **Percent Solids: 97.2**

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.34**		0.34	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Atrazine	0.14	U	0.14	0.020	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Benzaldehyde	0.34	U	0.34	0.056	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Benzo[a]anthracene	**1.6**		0.034	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Benzo[a]pyrene	**1.6**		0.034	0.0091	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Benzo[b]fluoranthene	**2.0**		0.034	0.0088	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Benzo[g,h,i]perylene	**1.0**		0.34	0.010	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Benzo[k]fluoranthene	**0.79**		0.034	0.0067	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.026	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Caprolactam	0.34	U	0.34	0.053	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Carbazole	**0.13**	**J**	0.34	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Chrysene	**1.5**		0.34	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Dibenz(a,h)anthracene	**0.25**		0.034	0.015	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Dibenzofuran	**0.052**	**J**	0.34	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Di-n-butyl phthalate	**0.048**	**J**	0.34	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Fluoranthene	**2.9**		0.34	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Fluorene	**0.097**	**J**	0.34	0.0099	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Indeno[1,2,3-cd]pyrene	**1.0**		0.034	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Naphthalene	**0.038**	**J**	0.34	0.0059	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Pentachlorophenol	0.27	U	0.27	0.070	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Phenanthrene	**1.4**		0.34	0.014	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1
Pyrene	**2.7**		0.34	0.0085	mg/Kg	☼	11/06/24 13:34	11/07/24 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*24 - 137*	*11/06/24 13:34*	*11/07/24 02:02*	*1*
2-Fluorobiphenyl	*91*		*38 - 128*	*11/06/24 13:34*	*11/07/24 02:02*	*1*
2-Fluorophenol (Surr)	*79*		*31 - 133*	*11/06/24 13:34*	*11/07/24 02:02*	*1*
Nitrobenzene-d5 (Surr)	*80*		*31 - 120*	*11/06/24 13:34*	*11/07/24 02:02*	*1*
Phenol-d5 (Surr)	*83*		*35 - 132*	*11/06/24 13:34*	*11/07/24 02:02*	*1*
Terphenyl-d14 (Surr)	*92*		*44 - 147*	*11/06/24 13:34*	*11/07/24 02:02*	*1*

Method: SW846 8081B - Organochlorine Pesticides (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0069	U	0.0069	0.0012	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
4,4'-DDE	0.0069	U	0.0069	0.00081	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1

Client Sample ID: SB-4_(3-5)
Date Collected: 11/04/24 13:35
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-9
Matrix: Solid
Percent Solids: 97.2

Method: SW846 8081B - Organochlorine Pesticides (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDT	0.0069	U	0.0069	0.0013	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
Aldrin	0.0069	U	0.0069	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
alpha-BHC	0.0020	U	0.0020	0.00070	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
beta-BHC	0.0020	U	0.0020	0.00077	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
Chlordane (technical)	0.069	U	0.069	0.017	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
cis-Chlordane	0.0069	U	0.0069	0.0011	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
delta-BHC	0.0020	U	0.0020	0.00042	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
Dieldrin	0.0020	U	0.0020	0.00089	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
Endosulfan I	0.0069	U *	0.0069	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
Endosulfan II	0.0069	U	0.0069	0.0018	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
Endosulfan sulfate	0.0069	U	0.0069	0.00086	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
Endrin	0.0069	U	0.0069	0.00098	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
Endrin aldehyde	0.0069	U	0.0069	0.0016	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
Endrin ketone	0.0069	U	0.0069	0.0013	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00064	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
Heptachlor	0.0069	U	0.0069	0.00081	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
Heptachlor epoxide	0.0069	U	0.0069	0.0010	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
Methoxychlor	0.0069	U	0.0069	0.0016	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1
Toxaphene	0.069	U	0.069	0.025	mg/Kg	☼	11/05/24 16:34	11/06/24 08:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*74*		*17 - 150*	*11/05/24 16:34*	*11/06/24 08:44*	*1*
DCB Decachlorobiphenyl	*64*		*17 - 150*	*11/05/24 16:34*	*11/06/24 08:44*	*1*
Tetrachloro-m-xylene	*64*		*21 - 150*	*11/05/24 16:34*	*11/06/24 08:44*	*1*
Tetrachloro-m-xylene	*68*		*21 - 150*	*11/05/24 16:34*	*11/06/24 08:44*	*1*

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.069	U	0.069	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:21	1
Aroclor 1221	0.069	U	0.069	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:21	1
Aroclor 1232	0.069	U	0.069	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:21	1
Aroclor 1242	0.069	U	0.069	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:21	1
Aroclor 1248	0.069	U	0.069	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:21	1
Aroclor 1254	0.069	U	0.069	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:21	1
Aroclor 1260	0.069	U	0.069	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:21	1
Aroclor-1262	0.069	U	0.069	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:21	1
Aroclor 1268	0.069	U	0.069	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:21	1
Polychlorinated biphenyls, Total	0.069	U	0.069	0.018	mg/Kg	☼	11/05/24 16:31	11/06/24 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*61*		*20 - 150*	*11/05/24 16:31*	*11/06/24 15:21*	*1*
DCB Decachlorobiphenyl	*55*		*20 - 150*	*11/05/24 16:31*	*11/06/24 15:21*	*1*
Tetrachloro-m-xylene	*62*		*20 - 150*	*11/05/24 16:31*	*11/06/24 15:21*	*1*
Tetrachloro-m-xylene	*57*		*20 - 150*	*11/05/24 16:31*	*11/06/24 15:21*	*1*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**6280**		19.6	5.4	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Antimony	**0.14**	**J**	0.98	0.14	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Arsenic	**2.9**		0.98	0.10	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-4_(3-5)
Lab Sample ID: 460-314754-9
Date Collected: 11/04/24 13:35
Matrix: Solid
Date Received: 11/05/24 10:19
Percent Solids: 97.2

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	63.0		2.0	0.14	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Beryllium	0.27	J	0.39	0.056	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Cadmium	0.34	J	0.98	0.11	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Calcium	12400		98.0	39.9	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Chromium	16.6		2.0	0.89	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Cobalt	4.2		2.0	0.15	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Copper	20.7		2.0	0.36	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Iron	10400		58.8	19.8	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Lead	68.2		0.59	0.20	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Magnesium	3410		98.0	10	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Manganese	212		3.1	0.31	mg/Kg	☼	11/08/24 21:30	11/11/24 12:28	1
Nickel	11.3		2.0	0.46	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Potassium	830		98.0	15.9	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Selenium	0.18	J	1.2	0.13	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Silver	0.39	U	0.39	0.087	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Sodium	299		98.0	44.8	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Thallium	0.054	J	0.39	0.040	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Vanadium	18.8		2.0	0.20	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1
Zinc	99.2		7.8	3.0	mg/Kg	☼	11/06/24 07:18	11/06/24 19:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.48		0.016	0.0075	mg/Kg	☼	11/06/24 00:44	11/06/24 04:41	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI) (SW846 7196A)	2.0	U	2.0	0.85	mg/Kg	☼	11/07/24 10:00	11/07/24 14:00	1
Cyanide, Total (SW846 9012B)	0.22	U	0.22	0.12	mg/Kg	☼	11/07/24 07:36	11/08/24 10:21	1
Percent Moisture (EPA Moisture)	2.8		1.0	1.0	%			11/05/24 17:41	1
Percent Solids (EPA Moisture)	97.2		1.0	1.0	%			11/05/24 17:41	1

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-314754-1	SB-3_(0-2)	103	100	94	96
460-314754-2	SB-2_(0-2)	104	101	95	96
460-314754-3	SB-2_(3-5)	103	99	95	96
460-314754-4	SB-5_(0-2)	102	99	94	95
460-314754-5	SB-5_(3-5)	104	99	97	95
460-314754-6	SB-1_(0-2)	103	102	95	94
460-314754-7	SB-1_(3-5)	105	100	96	94
460-314754-8	SB-4_(0-2)	103	101	95	95
460-314754-9	SB-4_(3-5)	104	100	95	94
LB3 460-1005330/1-A	Method Blank	88	98	96	91
LCS 460-1005370/2	Lab Control Sample	86	104	96	96
LCSD 460-1005370/4	Lab Control Sample Dup	86	104	96	96
MB 460-1005370/7	Method Blank	84	100	95	92

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(24-137)	(38-128)	(31-133)	(31-120)	(35-132)	(44-147)
460-314743-A-5-A MS	Matrix Spike	78	82	78	78	76	79
460-314743-A-5-B MSD	Matrix Spike Duplicate	80	84	76	75	79	82
460-314754-1	SB-3_(0-2)	75	87	81	82	79	83
460-314754-1 - DL	SB-3_(0-2)	70	82	80	77	80	83
460-314754-2	SB-2_(0-2)	62	73	72	72	70	71
460-314754-3	SB-2_(3-5)	70	83	79	78	77	79
460-314754-4	SB-5_(0-2)	75	83	75	77	76	79
460-314754-5	SB-5_(3-5)	82	82	73	74	75	87
460-314754-5 - DL	SB-5_(3-5)	75	74	68	64	70	81
460-314754-6	SB-1_(0-2)	63	75	71	73	70	68
460-314754-7	SB-1_(3-5)	77	86	76	80	77	88
460-314754-8	SB-4_(0-2)	75	86	79	79	78	82
460-314754-9	SB-4_(3-5)	83	91	79	80	83	92
LCS 460-1005549/2-A	Lab Control Sample	76	81	78	78	79	84
LCSD 460-1005549/3-A	Lab Control Sample Dup	80	82	80	79	81	87
MB 460-1005549/1-A	Method Blank	77	81	79	81	79	90

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Method: 8081B - Organochlorine Pesticides (GC)

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(17-150)	(17-150)	(21-150)	(21-150)
200-75670-C-1-G MS	Matrix Spike	79	82	83	81
200-75670-C-1-H MSD	Matrix Spike Duplicate	64	69	70	70
460-314754-1	SB-3_(0-2)	54	62	50	43
460-314754-2	SB-2_(0-2)	70	74	76	71
460-314754-3	SB-2_(3-5)	60	62	64	55
460-314754-4	SB-5_(0-2)	60	67	63	58
460-314754-5	SB-5_(3-5)	94	103	101	97
460-314754-6	SB-1_(0-2)	54	60	59	50
460-314754-7	SB-1_(3-5)	93	102	100	86
460-314754-8	SB-4_(0-2)	65	75	70	59
460-314754-9	SB-4_(3-5)	64	74	68	64
LCS 460-1005373/2-A	Lab Control Sample	65	67	89	85
LCSD 460-1005373/3-A	Lab Control Sample Dup	61	63	80	78
MB 460-1005373/1-A	Method Blank	76	80	95	99

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
		DCBP1	DCBP2	TCX1	TCX2
Lab Sample ID	Client Sample ID	(20-150)	(20-150)	(20-150)	(20-150)
200-75670-C-1-D MS	Matrix Spike	28	30	29	30
200-75670-C-1-E MSD	Matrix Spike Duplicate	31	33	32	34
460-314754-1	SB-3_(0-2)	44	61	42	45
460-314754-2	SB-2_(0-2)	59	67	65	68
460-314754-3	SB-2_(3-5)	59	63	59	63
460-314754-4	SB-5_(0-2)	50	53	54	58
460-314754-5	SB-5_(3-5)	83	92	92	96
460-314754-6	SB-1_(0-2)	49	53	53	56
460-314754-7	SB-1_(3-5)	76	83	88	90
460-314754-8	SB-4_(0-2)	59	65	60	63
460-314754-9	SB-4_(3-5)	55	61	57	62
LCS 460-1005369/2-A	Lab Control Sample	70	74	94	97
LCSD 460-1005369/3-A	Lab Control Sample Dup	68	71	94	99
MB 460-1005369/1-A	Method Blank	88	77	98	109

Surrogate Legend

DCBP = DCB Decachlorobiphenyl
TCX = Tetrachloro-m-xylene

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-1005330/1-A
Matrix: Solid
Analysis Batch: 1005370

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005330

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
N-Propylbenzene	0.0010	U	0.0010	0.00018	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		11/05/24 11:27	11/05/24 20:11	1

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

Lab Sample ID: LB3 460-1005330/1-A
Matrix: Solid
Analysis Batch: 1005370

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005330

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		11/05/24 11:27	11/05/24 20:11	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg		11/05/24 11:27	11/05/24 20:11	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*	*11/05/24 11:27*	*11/05/24 20:11*	*1*
4-Bromofluorobenzene	*98*		*71 - 128*	*11/05/24 11:27*	*11/05/24 20:11*	*1*
Dibromofluoromethane (Surr)	*96*		*50 - 150*	*11/05/24 11:27*	*11/05/24 20:11*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*	*11/05/24 11:27*	*11/05/24 20:11*	*1*

Lab Sample ID: MB 460-1005370/7
Matrix: Solid
Analysis Batch: 1005370

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			11/05/24 19:47	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			11/05/24 19:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			11/05/24 19:47	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			11/05/24 19:47	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			11/05/24 19:47	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			11/05/24 19:47	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			11/05/24 19:47	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			11/05/24 19:47	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			11/05/24 19:47	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			11/05/24 19:47	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			11/05/24 19:47	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			11/05/24 19:47	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			11/05/24 19:47	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			11/05/24 19:47	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			11/05/24 19:47	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			11/05/24 19:47	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			11/05/24 19:47	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			11/05/24 19:47	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			11/05/24 19:47	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			11/05/24 19:47	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			11/05/24 19:47	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			11/05/24 19:47	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			11/05/24 19:47	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			11/05/24 19:47	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			11/05/24 19:47	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			11/05/24 19:47	1

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

Lab Sample ID: MB 460-1005370/7
Matrix: Solid
Analysis Batch: 1005370

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			11/05/24 19:47	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			11/05/24 19:47	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			11/05/24 19:47	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			11/05/24 19:47	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			11/05/24 19:47	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			11/05/24 19:47	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			11/05/24 19:47	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			11/05/24 19:47	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			11/05/24 19:47	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			11/05/24 19:47	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			11/05/24 19:47	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			11/05/24 19:47	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			11/05/24 19:47	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			11/05/24 19:47	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			11/05/24 19:47	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			11/05/24 19:47	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			11/05/24 19:47	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg			11/05/24 19:47	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			11/05/24 19:47	1
N-Propylbenzene	0.0010	U	0.0010	0.00018	mg/Kg			11/05/24 19:47	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg			11/05/24 19:47	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			11/05/24 19:47	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			11/05/24 19:47	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			11/05/24 19:47	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			11/05/24 19:47	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			11/05/24 19:47	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			11/05/24 19:47	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			11/05/24 19:47	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			11/05/24 19:47	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			11/05/24 19:47	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			11/05/24 19:47	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			11/05/24 19:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*84*		*65 - 138*		*11/05/24 19:47*	*1*
4-Bromofluorobenzene	*100*		*71 - 128*		*11/05/24 19:47*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*		*11/05/24 19:47*	*1*
Toluene-d8 (Surr)	*92*		*71 - 126*		*11/05/24 19:47*	*1*

Lab Sample ID: LCS 460-1005370/2
Matrix: Solid
Analysis Batch: 1005370

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0193		mg/Kg		97	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0181		mg/Kg		90	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0201		mg/Kg		101	75 - 121
1,1,2-Trichloroethane	0.0200	0.0196		mg/Kg		98	80 - 120

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-314754-1

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

Lab Sample ID: LCS 460-1005370/2
Matrix: Solid
Analysis Batch: 1005370

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	0.0200	0.0210		mg/Kg		105	72 - 120
1,1-Dichloroethene	0.0200	0.0196		mg/Kg		98	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0182		mg/Kg		91	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0183		mg/Kg		92	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0173		mg/Kg		86	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0208		mg/Kg		104	80 - 124
1,2-Dichlorobenzene	0.0200	0.0189		mg/Kg		94	80 - 120
1,2-Dichloroethane	0.0200	0.0171		mg/Kg		85	70 - 123
1,2-Dichloropropane	0.0200	0.0204		mg/Kg		102	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0174		mg/Kg		87	70 - 120
1,3-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
1,4-Dichlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120
2-Butanone (MEK)	0.100	0.0795		mg/Kg		80	64 - 128
2-Hexanone	0.100	0.0835		mg/Kg		84	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0883		mg/Kg		88	80 - 120
Acetone	0.100	0.0783		mg/Kg		78	58 - 122
Benzene	0.0200	0.0198		mg/Kg		99	75 - 120
Bromoform	0.0200	0.0263	*	mg/Kg		132	61 - 125
Bromomethane	0.0200	0.0208		mg/Kg		104	37 - 150
Carbon disulfide	0.0200	0.0186		mg/Kg		93	57 - 133
Carbon tetrachloride	0.0200	0.0212		mg/Kg		106	66 - 127
Chlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120
Chlorobromomethane	0.0200	0.0208		mg/Kg		104	76 - 127
Chlorodibromomethane	0.0200	0.0220		mg/Kg		110	72 - 120
Chloroethane	0.0200	0.0220		mg/Kg		110	60 - 123
Chloroform	0.0200	0.0195		mg/Kg		97	79 - 126
Chloromethane	0.0200	0.0197		mg/Kg		98	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0201		mg/Kg		101	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0206		mg/Kg		103	75 - 120
Cyclohexane	0.0200	0.0192		mg/Kg		96	65 - 132
Dichlorobromomethane	0.0200	0.0197		mg/Kg		99	77 - 124
Dichlorodifluoromethane	0.0200	0.0160		mg/Kg		80	45 - 129
Ethylbenzene	0.0200	0.0193		mg/Kg		96	80 - 120
Ethylene Dibromide	0.0200	0.0193		mg/Kg		97	79 - 120
Isopropylbenzene	0.0200	0.0194		mg/Kg		97	74 - 120
Methyl acetate	0.0400	0.0467		mg/Kg		117	57 - 120
Methyl tert-butyl ether	0.0200	0.0190		mg/Kg		95	74 - 125
Methylcyclohexane	0.0200	0.0189		mg/Kg		95	66 - 125
Methylene Chloride	0.0200	0.0194		mg/Kg		97	78 - 120
m-Xylene & p-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120
n-Butylbenzene	0.0200	0.0190		mg/Kg		95	72 - 120
N-Propylbenzene	0.0200	0.0185		mg/Kg		92	68 - 120
o-Xylene	0.0200	0.0193		mg/Kg		96	80 - 120
sec-Butylbenzene	0.0200	0.0179		mg/Kg		90	78 - 120
Styrene	0.0200	0.0185		mg/Kg		93	80 - 120
tert-Butylbenzene	0.0200	0.0170		mg/Kg		85	80 - 120
Tetrachloroethene	0.0200	0.0196		mg/Kg		98	73 - 120
Toluene	0.0200	0.0191		mg/Kg		95	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0207		mg/Kg		104	78 - 120

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

Lab Sample ID: LCS 460-1005370/2
Matrix: Solid
Analysis Batch: 1005370

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
trans-1,3-Dichloropropene			0.0200	0.0203		mg/Kg		101	77 - 120		
Trichloroethene			0.0200	0.0187		mg/Kg		93	80 - 120		
Trichlorofluoromethane			0.0200	0.0164		mg/Kg		82	61 - 130		
Vinyl chloride			0.0200	0.0207		mg/Kg		103	54 - 122		
Xylenes, Total			0.0400	0.0388		mg/Kg		97	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*
4-Bromofluorobenzene	*104*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Lab Sample ID: LCSD 460-1005370/4
Matrix: Solid
Analysis Batch: 1005370

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			0.0200	0.0195		mg/Kg		98	78 - 120	1	30
1,1,2,2-Tetrachloroethane			0.0200	0.0186		mg/Kg		93	70 - 133	3	30
1,1,2-Trichloro-1,2,2-trifluoroethane			0.0200	0.0197		mg/Kg		99	75 - 121	2	30
1,1,2-Trichloroethane			0.0200	0.0197		mg/Kg		98	80 - 120	0	30
1,1-Dichloroethane			0.0200	0.0207		mg/Kg		104	72 - 120	2	30
1,1-Dichloroethene			0.0200	0.0198		mg/Kg		99	76 - 120	1	30
1,2,3-Trichlorobenzene			0.0200	0.0181		mg/Kg		90	77 - 137	1	30
1,2,4-Trichlorobenzene			0.0200	0.0180		mg/Kg		90	77 - 136	2	30
1,2,4-Trimethylbenzene			0.0200	0.0170		mg/Kg		85	75 - 120	1	30
1,2-Dibromo-3-Chloropropane			0.0200	0.0226		mg/Kg		113	80 - 124	9	30
1,2-Dichlorobenzene			0.0200	0.0184		mg/Kg		92	80 - 120	2	30
1,2-Dichloroethane			0.0200	0.0172		mg/Kg		86	70 - 123	1	30
1,2-Dichloropropane			0.0200	0.0202		mg/Kg		101	73 - 124	1	30
1,3,5-Trimethylbenzene			0.0200	0.0175		mg/Kg		88	70 - 120	1	30
1,3-Dichlorobenzene			0.0200	0.0180		mg/Kg		90	80 - 120	0	30
1,4-Dichlorobenzene			0.0200	0.0183		mg/Kg		91	80 - 120	0	30
2-Butanone (MEK)			0.100	0.0820		mg/Kg		82	64 - 128	3	30
2-Hexanone			0.100	0.0841		mg/Kg		84	75 - 120	1	30
4-Methyl-2-pentanone (MIBK)			0.100	0.0876		mg/Kg		88	80 - 120	1	30
Acetone			0.100	0.0812		mg/Kg		81	58 - 122	4	30
Benzene			0.0200	0.0196		mg/Kg		98	75 - 120	1	30
Bromoform			0.0200	0.0268	*	mg/Kg		134	61 - 125	2	30
Bromomethane			0.0200	0.0223		mg/Kg		111	37 - 150	7	30
Carbon disulfide			0.0200	0.0185		mg/Kg		92	57 - 133	1	30
Carbon tetrachloride			0.0200	0.0210		mg/Kg		105	66 - 127	1	30
Chlorobenzene			0.0200	0.0191		mg/Kg		95	80 - 120	2	30
Chlorobromomethane			0.0200	0.0210		mg/Kg		105	76 - 127	1	30
Chlorodibromomethane			0.0200	0.0223		mg/Kg		111	72 - 120	1	30
Chloroethane			0.0200	0.0231		mg/Kg		116	60 - 123	5	30
Chloroform			0.0200	0.0191		mg/Kg		95	79 - 126	2	30
Chloromethane			0.0200	0.0202		mg/Kg		101	46 - 122	2	30

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

Lab Sample ID: LCSD 460-1005370/4
Matrix: Solid
Analysis Batch: 1005370

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene	0.0200	0.0204		mg/Kg		102	80 - 123	2	30
cis-1,3-Dichloropropene	0.0200	0.0200		mg/Kg		100	75 - 120	3	30
Cyclohexane	0.0200	0.0191		mg/Kg		95	65 - 132	0	30
Dichlorobromomethane	0.0200	0.0193		mg/Kg		97	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0171		mg/Kg		85	45 - 129	6	30
Ethylbenzene	0.0200	0.0192		mg/Kg		96	80 - 120	1	30
Ethylene Dibromide	0.0200	0.0197		mg/Kg		99	79 - 120	2	30
Isopropylbenzene	0.0200	0.0192		mg/Kg		96	74 - 120	1	30
Methyl acetate	0.0400	0.0517	*	mg/Kg		129	57 - 120	10	30
Methyl tert-butyl ether	0.0200	0.0192		mg/Kg		96	74 - 125	1	30
Methylcyclohexane	0.0200	0.0190		mg/Kg		95	66 - 125	1	30
Methylene Chloride	0.0200	0.0195		mg/Kg		98	78 - 120	1	30
m-Xylene & p-Xylene	0.0200	0.0192		mg/Kg		96	80 - 120	2	30
n-Butylbenzene	0.0200	0.0189		mg/Kg		95	72 - 120	1	30
N-Propylbenzene	0.0200	0.0184		mg/Kg		92	68 - 120	1	30
o-Xylene	0.0200	0.0191		mg/Kg		95	80 - 120	1	30
sec-Butylbenzene	0.0200	0.0178		mg/Kg		89	78 - 120	1	30
Styrene	0.0200	0.0179		mg/Kg		89	80 - 120	4	30
tert-Butylbenzene	0.0200	0.0169		mg/Kg		85	80 - 120	1	30
Tetrachloroethene	0.0200	0.0194		mg/Kg		97	73 - 120	1	30
Toluene	0.0200	0.0187		mg/Kg		93	80 - 120	2	30
trans-1,2-Dichloroethene	0.0200	0.0204		mg/Kg		102	78 - 120	2	30
trans-1,3-Dichloropropene	0.0200	0.0195		mg/Kg		97	77 - 120	4	30
Trichloroethene	0.0200	0.0185		mg/Kg		93	80 - 120	1	30
Trichlorofluoromethane	0.0200	0.0180		mg/Kg		90	61 - 130	9	30
Vinyl chloride	0.0200	0.0215		mg/Kg		107	54 - 122	4	30
Xylenes, Total	0.0400	0.0383		mg/Kg		96	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*
4-Bromofluorobenzene	*104*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*96*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1005549/1-A
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005549

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		11/06/24 13:34	11/06/24 22:10	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1005549/1-A
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005549

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2-Chloronaphthalene	0.33	U	0.33	0.015	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
4-Nitroaniline	0.33	U	0.33	0.038	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		11/06/24 13:34	11/06/24 22:10	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1005549/1-A
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005549

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Phenol	0.33	U	0.33	0.012	mg/Kg		11/06/24 13:34	11/06/24 22:10	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		11/06/24 13:34	11/06/24 22:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*24 - 137*	*11/06/24 13:34*	*11/06/24 22:10*	*1*
2-Fluorobiphenyl	*81*		*38 - 128*	*11/06/24 13:34*	*11/06/24 22:10*	*1*
2-Fluorophenol (Surr)	*79*		*31 - 133*	*11/06/24 13:34*	*11/06/24 22:10*	*1*
Nitrobenzene-d5 (Surr)	*81*		*31 - 120*	*11/06/24 13:34*	*11/06/24 22:10*	*1*
Phenol-d5 (Surr)	*79*		*35 - 132*	*11/06/24 13:34*	*11/06/24 22:10*	*1*
Terphenyl-d14 (Surr)	*90*		*44 - 147*	*11/06/24 13:34*	*11/06/24 22:10*	*1*

Lab Sample ID: LCS 460-1005549/2-A
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005549

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.73		mg/Kg		82	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.73		mg/Kg		82	60 - 120
1,4-Dioxane	3.33	2.04		mg/Kg		61	27 - 120
2,2'-oxybis[1-chloropropane]	3.33	2.61		mg/Kg		78	46 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.60		mg/Kg		78	62 - 120
2,4,5-Trichlorophenol	3.33	2.70		mg/Kg		81	64 - 120
2,4,6-Trichlorophenol	3.33	2.75		mg/Kg		83	65 - 120
2,4-Dichlorophenol	3.33	2.70		mg/Kg		81	66 - 120
2,4-Dimethylphenol	3.33	3.13		mg/Kg		94	46 - 120
2,4-Dinitrophenol	6.67	4.21		mg/Kg		63	41 - 129
2,4-Dinitrotoluene	3.33	2.58		mg/Kg		78	65 - 124
2,6-Dinitrotoluene	3.33	2.65		mg/Kg		80	67 - 121
2-Chloronaphthalene	3.33	2.71		mg/Kg		81	64 - 120
2-Chlorophenol	3.33	2.58		mg/Kg		77	63 - 120
2-Methylnaphthalene	3.33	2.31		mg/Kg		69	64 - 120
2-Methylphenol	3.33	2.52		mg/Kg		76	63 - 120
2-Nitroaniline	3.33	2.21		mg/Kg		66	48 - 120
2-Nitrophenol	3.33	2.58		mg/Kg		77	64 - 120
3 & 4 Methylphenol	3.33	2.35		mg/Kg		71	61 - 120
3,3'-Dichlorobenzidine	3.33	1.63		mg/Kg		49	10 - 120
3-Nitroaniline	3.33	2.09		mg/Kg		63	18 - 122
4,6-Dinitro-2-methylphenol	6.67	5.11		mg/Kg		77	58 - 136

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1005549/2-A
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005549

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Bromophenyl phenyl ether	3.33	2.84		mg/Kg		85	60 - 120
4-Chloro-3-methylphenol	3.33	2.53		mg/Kg		76	66 - 120
4-Chloroaniline	3.33	1.86		mg/Kg		56	10 - 120
4-Chlorophenyl phenyl ether	3.33	2.71		mg/Kg		81	62 - 120
4-Methylphenol	3.33	2.35		mg/Kg		71	61 - 120
4-Nitroaniline	3.33	2.13		mg/Kg		64	51 - 120
4-Nitrophenol	6.67	4.43		mg/Kg		66	42 - 132
Acenaphthene	3.33	2.72		mg/Kg		81	65 - 120
Acenaphthylene	3.33	2.95		mg/Kg		88	64 - 120
Acetophenone	3.33	2.42		mg/Kg		73	61 - 120
Anthracene	3.33	2.72		mg/Kg		82	67 - 120
Atrazine	1.33	1.78		mg/Kg		133	32 - 150
Benzaldehyde	1.33	1.41		mg/Kg		105	28 - 150
Benzo[a]anthracene	3.33	2.70		mg/Kg		81	66 - 120
Benzo[a]pyrene	3.33	2.88		mg/Kg		86	73 - 123
Benzo[b]fluoranthene	3.33	2.85		mg/Kg		85	70 - 125
Benzo[g,h,i]perylene	3.33	2.96		mg/Kg		89	66 - 120
Benzo[k]fluoranthene	3.33	2.90		mg/Kg		87	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.65		mg/Kg		79	62 - 120
Bis(2-chloroethyl)ether	3.33	2.54		mg/Kg		76	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.83		mg/Kg		85	64 - 125
Butyl benzyl phthalate	3.33	2.85		mg/Kg		86	62 - 127
Caprolactam	1.33	1.50		mg/Kg		112	36 - 150
Carbazole	3.33	2.60		mg/Kg		78	64 - 120
Chrysene	3.33	2.72		mg/Kg		81	67 - 120
Dibenz(a,h)anthracene	3.33	2.73		mg/Kg		82	66 - 128
Dibenzofuran	3.33	2.66		mg/Kg		80	61 - 120
Diethyl phthalate	3.33	2.58		mg/Kg		77	63 - 120
Dimethyl phthalate	3.33	2.68		mg/Kg		80	65 - 120
Di-n-butyl phthalate	3.33	2.70		mg/Kg		81	66 - 120
Di-n-octyl phthalate	3.33	2.96		mg/Kg		89	61 - 123
Fluoranthene	3.33	2.58		mg/Kg		77	61 - 120
Fluorene	3.33	2.71		mg/Kg		81	64 - 120
Hexachlorobenzene	3.33	2.78		mg/Kg		83	66 - 120
Hexachlorobutadiene	3.33	2.61		mg/Kg		78	62 - 120
Hexachlorocyclopentadiene	3.33	3.83		mg/Kg		115	13 - 120
Hexachloroethane	3.33	2.57		mg/Kg		77	61 - 120
Indeno[1,2,3-cd]pyrene	3.33	2.71		mg/Kg		81	71 - 137
Isophorone	3.33	2.57		mg/Kg		77	61 - 120
Naphthalene	3.33	2.60		mg/Kg		78	63 - 120
Nitrobenzene	3.33	2.46		mg/Kg		74	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.43		mg/Kg		73	56 - 120
N-Nitrosodiphenylamine	3.33	2.78		mg/Kg		83	63 - 120
Pentachlorophenol	6.67	5.03		mg/Kg		75	61 - 126
Phenanthrene	3.33	2.72		mg/Kg		81	66 - 120
Phenol	3.33	2.57		mg/Kg		77	63 - 120
Pyrene	3.33	2.95		mg/Kg		88	61 - 121

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1005549/2-A
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005549

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	*76*		*24 - 137*
2-Fluorobiphenyl	*81*		*38 - 128*
2-Fluorophenol (Surr)	*78*		*31 - 133*
Nitrobenzene-d5 (Surr)	*78*		*31 - 120*
Phenol-d5 (Surr)	*79*		*35 - 132*
Terphenyl-d14 (Surr)	*84*		*44 - 147*

Lab Sample ID: LCSD 460-1005549/3-A
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1005549

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.85		mg/Kg		85	64 - 120	4	30
1,2,4,5-Tetrachlorobenzene			3.33	2.84		mg/Kg		85	60 - 120	4	30
1,4-Dioxane			3.33	2.02		mg/Kg		61	27 - 120	1	30
2,2'-oxybis[1-chloropropane]			3.33	2.69		mg/Kg		81	46 - 126	3	30
2,3,4,6-Tetrachlorophenol			3.33	2.73		mg/Kg		82	62 - 120	5	30
2,4,5-Trichlorophenol			3.33	2.80		mg/Kg		84	64 - 120	3	30
2,4,6-Trichlorophenol			3.33	2.83		mg/Kg		85	65 - 120	3	30
2,4-Dichlorophenol			3.33	2.80		mg/Kg		84	66 - 120	4	30
2,4-Dimethylphenol			3.33	3.25		mg/Kg		98	46 - 120	4	30
2,4-Dinitrophenol			6.67	4.76		mg/Kg		71	41 - 129	12	30
2,4-Dinitrotoluene			3.33	2.73		mg/Kg		82	65 - 124	5	30
2,6-Dinitrotoluene			3.33	2.77		mg/Kg		83	67 - 121	4	30
2-Chloronaphthalene			3.33	2.83		mg/Kg		85	64 - 120	4	30
2-Chlorophenol			3.33	2.73		mg/Kg		82	63 - 120	6	30
2-Methylnaphthalene			3.33	2.41		mg/Kg		72	64 - 120	4	30
2-Methylphenol			3.33	2.67		mg/Kg		80	63 - 120	6	30
2-Nitroaniline			3.33	2.32		mg/Kg		70	48 - 120	5	30
2-Nitrophenol			3.33	2.67		mg/Kg		80	64 - 120	3	30
3 & 4 Methylphenol			3.33	2.49		mg/Kg		75	61 - 120	6	30
3,3'-Dichlorobenzidine			3.33	1.73		mg/Kg		52	10 - 120	6	30
3-Nitroaniline			3.33	2.16		mg/Kg		65	18 - 122	4	30
4,6-Dinitro-2-methylphenol			6.67	5.55		mg/Kg		83	58 - 136	8	30
4-Bromophenyl phenyl ether			3.33	3.03		mg/Kg		91	60 - 120	7	30
4-Chloro-3-methylphenol			3.33	2.63		mg/Kg		79	66 - 120	4	30
4-Chloroaniline			3.33	1.83		mg/Kg		55	10 - 120	2	30
4-Chlorophenyl phenyl ether			3.33	2.82		mg/Kg		85	62 - 120	4	30
4-Methylphenol			3.33	2.49		mg/Kg		75	61 - 120	6	30
4-Nitroaniline			3.33	2.23		mg/Kg		67	51 - 120	4	30
4-Nitrophenol			6.67	4.66		mg/Kg		70	42 - 132	5	30
Acenaphthene			3.33	2.83		mg/Kg		85	65 - 120	4	30
Acenaphthylene			3.33	3.06		mg/Kg		92	64 - 120	4	30
Acetophenone			3.33	2.51		mg/Kg		75	61 - 120	4	30
Anthracene			3.33	2.88		mg/Kg		86	67 - 120	6	30
Atrazine			1.33	1.92		mg/Kg		144	32 - 150	8	30
Benzaldehyde			1.33	1.40		mg/Kg		105	28 - 150	1	30
Benzo[a]anthracene			3.33	2.83		mg/Kg		85	66 - 120	5	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1005549/3-A
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1005549

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[a]pyrene			3.33	3.02		mg/Kg		91	73 - 123	5	30
Benzo[b]fluoranthene			3.33	2.96		mg/Kg		89	70 - 125	4	30
Benzo[g,h,i]perylene			3.33	3.08		mg/Kg		92	66 - 120	4	30
Benzo[k]fluoranthene			3.33	3.06		mg/Kg		92	67 - 122	6	30
Bis(2-chloroethoxy)methane			3.33	2.73		mg/Kg		82	62 - 120	3	30
Bis(2-chloroethyl)ether			3.33	2.63		mg/Kg		79	60 - 120	3	30
Bis(2-ethylhexyl) phthalate			3.33	2.96		mg/Kg		89	64 - 125	5	30
Butyl benzyl phthalate			3.33	3.01		mg/Kg		90	62 - 127	5	30
Caprolactam			1.33	1.58		mg/Kg		118	36 - 150	5	30
Carbazole			3.33	2.77		mg/Kg		83	64 - 120	6	30
Chrysene			3.33	2.81		mg/Kg		84	67 - 120	3	30
Dibenz(a,h)anthracene			3.33	2.86		mg/Kg		86	66 - 128	4	30
Dibenzofuran			3.33	2.79		mg/Kg		84	61 - 120	5	30
Diethyl phthalate			3.33	2.70		mg/Kg		81	63 - 120	5	30
Dimethyl phthalate			3.33	2.80		mg/Kg		84	65 - 120	4	30
Di-n-butyl phthalate			3.33	2.84		mg/Kg		85	66 - 120	5	30
Di-n-octyl phthalate			3.33	3.13		mg/Kg		94	61 - 123	6	30
Fluoranthene			3.33	2.74		mg/Kg		82	61 - 120	6	30
Fluorene			3.33	2.84		mg/Kg		85	64 - 120	5	30
Hexachlorobenzene			3.33	2.95		mg/Kg		89	66 - 120	6	30
Hexachlorobutadiene			3.33	2.74		mg/Kg		82	62 - 120	5	30
Hexachlorocyclopentadiene			3.33	3.97		mg/Kg		119	13 - 120	4	30
Hexachloroethane			3.33	2.64		mg/Kg		79	61 - 120	3	30
Indeno[1,2,3-cd]pyrene			3.33	2.87		mg/Kg		86	71 - 137	6	30
Isophorone			3.33	2.68		mg/Kg		80	61 - 120	4	30
Naphthalene			3.33	2.69		mg/Kg		81	63 - 120	3	30
Nitrobenzene			3.33	2.54		mg/Kg		76	63 - 120	3	30
N-Nitrosodi-n-propylamine			3.33	2.50		mg/Kg		75	56 - 120	3	30
N-Nitrosodiphenylamine			3.33	2.90		mg/Kg		87	63 - 120	4	30
Pentachlorophenol			6.67	5.34		mg/Kg		80	61 - 126	6	30
Phenanthrene			3.33	2.86		mg/Kg		86	66 - 120	5	30
Phenol			3.33	2.68		mg/Kg		80	63 - 120	4	30
Pyrene			3.33	3.10		mg/Kg		93	61 - 121	5	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*24 - 137*
2-Fluorobiphenyl	*82*		*38 - 128*
2-Fluorophenol (Surr)	*80*		*31 - 133*
Nitrobenzene-d5 (Surr)	*79*		*31 - 120*
Phenol-d5 (Surr)	*81*		*35 - 132*
Terphenyl-d14 (Surr)	*87*		*44 - 147*

Lab Sample ID: 460-314743-A-5-A MS
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1005549

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.39	U	3.92	3.10		mg/Kg	☼	79	64 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-314743-A-5-A MS
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1005549

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4,5-Tetrachlorobenzene	0.39	U	3.92	3.12		mg/Kg	☼	79	60 - 120
1,4-Dioxane	0.039	U	3.92	2.03		mg/Kg	☼	52	27 - 120
2,2'-oxybis[1-chloropropane]	0.39	U	3.92	2.87		mg/Kg	☼	73	46 - 126
2,3,4,6-Tetrachlorophenol	0.39	U	3.92	2.84		mg/Kg	☼	72	62 - 120
2,4,5-Trichlorophenol	0.39	U	3.92	3.02		mg/Kg	☼	77	64 - 120
2,4,6-Trichlorophenol	0.16	U	3.92	3.01		mg/Kg	☼	77	65 - 120
2,4-Dichlorophenol	0.16	U	3.92	2.92		mg/Kg	☼	74	66 - 120
2,4-Dimethylphenol	0.39	U	3.92	3.50		mg/Kg	☼	89	46 - 120
2,4-Dinitrophenol	0.31	U	7.84	3.26		mg/Kg	☼	42	41 - 129
2,4-Dinitrotoluene	0.079	U	3.92	2.84		mg/Kg	☼	72	65 - 124
2,6-Dinitrotoluene	0.079	U	3.92	2.93		mg/Kg	☼	75	67 - 121
2-Chloronaphthalene	0.39	U	3.92	3.06		mg/Kg	☼	78	64 - 120
2-Chlorophenol	0.39	U	3.92	2.87		mg/Kg	☼	73	63 - 120
2-Methylnaphthalene	0.39	U	3.92	2.60		mg/Kg	☼	66	64 - 120
2-Methylphenol	0.39	U	3.92	2.79		mg/Kg	☼	71	63 - 120
2-Nitroaniline	0.39	U	3.92	2.49		mg/Kg	☼	64	48 - 120
2-Nitrophenol	0.39	U	3.92	2.90		mg/Kg	☼	74	64 - 120
3 & 4 Methylphenol	0.39	U	3.92	2.59		mg/Kg	☼	66	61 - 120
3,3'-Dichlorobenzidine	0.16	U	3.92	2.23		mg/Kg	☼	57	10 - 120
3-Nitroaniline	0.39	U	3.92	2.50		mg/Kg	☼	64	18 - 122
4,6-Dinitro-2-methylphenol	0.31	U	7.84	4.36	*	mg/Kg	☼	56	58 - 136
4-Bromophenyl phenyl ether	0.39	U	3.92	3.31		mg/Kg	☼	84	60 - 120
4-Chloro-3-methylphenol	0.39	U	3.92	2.72		mg/Kg	☼	69	66 - 120
4-Chloroaniline	0.39	U	3.92	2.03		mg/Kg	☼	52	10 - 120
4-Chlorophenyl phenyl ether	0.39	U	3.92	2.96		mg/Kg	☼	76	62 - 120
4-Methylphenol	0.39	U	3.92	2.59		mg/Kg	☼	66	61 - 120
4-Nitroaniline	0.39	U	3.92	2.29		mg/Kg	☼	58	51 - 120
4-Nitrophenol	0.79	U	7.84	5.10		mg/Kg	☼	65	42 - 132
Acenaphthene	0.39	U	3.92	3.04		mg/Kg	☼	78	65 - 120
Acenaphthylene	0.39	U	3.92	3.25		mg/Kg	☼	83	64 - 120
Acetophenone	0.39	U	3.92	2.67		mg/Kg	☼	68	61 - 120
Anthracene	0.39	U	3.92	3.05		mg/Kg	☼	78	67 - 120
Atrazine	0.16	U	1.57	2.35		mg/Kg	☼	150	32 - 150
Benzaldehyde	0.39	U	1.57	1.77	E	mg/Kg	☼	113	28 - 150
Benzo[a]anthracene	0.039	U	3.92	3.03		mg/Kg	☼	77	66 - 120
Benzo[a]pyrene	0.039	U	3.92	3.13		mg/Kg	☼	80	73 - 123
Benzo[b]fluoranthene	0.039	U	3.92	3.02		mg/Kg	☼	77	70 - 125
Benzo[g,h,i]perylene	0.024	J	3.92	2.69		mg/Kg	☼	68	66 - 120
Benzo[k]fluoranthene	0.039	U	3.92	3.12		mg/Kg	☼	80	67 - 122
Bis(2-chloroethoxy)methane	0.39	U	3.92	2.95		mg/Kg	☼	75	62 - 120
Bis(2-chloroethyl)ether	0.039	U	3.92	2.81		mg/Kg	☼	72	60 - 120
Bis(2-ethylhexyl) phthalate	0.067	J	3.92	3.08		mg/Kg	☼	77	64 - 125
Butyl benzyl phthalate	0.39	U	3.92	3.03		mg/Kg	☼	77	62 - 127
Caprolactam	0.39	U	1.57	1.72		mg/Kg	☼	109	36 - 150
Carbazole	0.39	U	3.92	2.95		mg/Kg	☼	75	64 - 120
Chrysene	0.39	U	3.92	3.03		mg/Kg	☼	77	67 - 120
Dibenz(a,h)anthracene	0.039	U	3.92	2.75		mg/Kg	☼	70	66 - 128
Dibenzofuran	0.39	U	3.92	2.96		mg/Kg	☼	75	61 - 120
Diethyl phthalate	0.39	U	3.92	2.85		mg/Kg	☼	73	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-314743-A-5-A MS
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1005549

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dimethyl phthalate	0.39	U	3.92	2.99		mg/Kg	☼	76	65 - 120
Di-n-butyl phthalate	0.042	J	3.92	3.07		mg/Kg	☼	77	66 - 120
Di-n-octyl phthalate	0.39	U	3.92	2.96		mg/Kg	☼	75	61 - 123
Fluoranthene	0.39	U	3.92	2.97		mg/Kg	☼	76	61 - 120
Fluorene	0.39	U	3.92	3.01		mg/Kg	☼	77	64 - 120
Hexachlorobenzene	0.039	U	3.92	3.09		mg/Kg	☼	79	66 - 120
Hexachlorobutadiene	0.079	U	3.92	2.94		mg/Kg	☼	75	62 - 120
Hexachlorocyclopentadiene	0.39	U	3.92	2.61		mg/Kg	☼	67	13 - 120
Hexachloroethane	0.039	U	3.92	2.73		mg/Kg	☼	70	61 - 120
Indeno[1,2,3-cd]pyrene	0.016	J	3.92	2.76	*	mg/Kg	☼	70	71 - 137
Isophorone	0.16	U	3.92	2.83		mg/Kg	☼	72	61 - 120
Naphthalene	0.39	U	3.92	2.93		mg/Kg	☼	75	63 - 120
Nitrobenzene	0.039	U	3.92	2.71		mg/Kg	☼	69	63 - 120
N-Nitrosodi-n-propylamine	0.039	U	3.92	2.67		mg/Kg	☼	68	56 - 120
N-Nitrosodiphenylamine	0.39	U	3.92	3.14		mg/Kg	☼	80	63 - 120
Pentachlorophenol	0.31	U	7.84	5.86		mg/Kg	☼	75	61 - 126
Phenanthrene	0.39	U	3.92	3.06		mg/Kg	☼	78	66 - 120
Phenol	0.39	U	3.92	2.76		mg/Kg	☼	70	63 - 120
Pyrene	0.011	J	3.92	3.03		mg/Kg	☼	77	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*24 - 137*
2-Fluorobiphenyl	*82*		*38 - 128*
2-Fluorophenol (Surr)	*78*		*31 - 133*
Nitrobenzene-d5 (Surr)	*78*		*31 - 120*
Phenol-d5 (Surr)	*76*		*35 - 132*
Terphenyl-d14 (Surr)	*79*		*44 - 147*

Lab Sample ID: 460-314743-A-5-B MSD
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1005549

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.39	U	3.92	3.16		mg/Kg	☼	81	64 - 120	2	30
1,2,4,5-Tetrachlorobenzene	0.39	U	3.92	3.20		mg/Kg	☼	81	60 - 120	3	30
1,4-Dioxane	0.039	U	3.92	1.96		mg/Kg	☼	50	27 - 120	3	30
2,2'-oxybis[1-chloropropane]	0.39	U	3.92	2.73		mg/Kg	☼	70	46 - 126	5	30
2,3,4,6-Tetrachlorophenol	0.39	U	3.92	3.10		mg/Kg	☼	79	62 - 120	9	30
2,4,5-Trichlorophenol	0.39	U	3.92	3.26		mg/Kg	☼	83	64 - 120	8	30
2,4,6-Trichlorophenol	0.16	U	3.92	3.29		mg/Kg	☼	84	65 - 120	9	30
2,4-Dichlorophenol	0.16	U	3.92	3.13		mg/Kg	☼	80	66 - 120	7	30
2,4-Dimethylphenol	0.39	U	3.92	3.65		mg/Kg	☼	93	46 - 120	4	30
2,4-Dinitrophenol	0.31	U	7.84	2.58	*	mg/Kg	☼	33	41 - 129	23	30
2,4-Dinitrotoluene	0.079	U	3.92	2.91		mg/Kg	☼	74	65 - 124	3	30
2,6-Dinitrotoluene	0.079	U	3.92	3.07		mg/Kg	☼	78	67 - 121	5	30
2-Chloronaphthalene	0.39	U	3.92	3.19		mg/Kg	☼	81	64 - 120	4	30
2-Chlorophenol	0.39	U	3.92	2.92		mg/Kg	☼	74	63 - 120	2	30
2-Methylnaphthalene	0.39	U	3.92	2.64		mg/Kg	☼	67	64 - 120	2	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-314743-A-5-B MSD
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1005549

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2-Methylphenol	0.39	U	3.92	2.89		mg/Kg	☼	74	63 - 120	4	30
2-Nitroaniline	0.39	U	3.92	2.62		mg/Kg	☼	67	48 - 120	5	30
2-Nitrophenol	0.39	U	3.92	2.78		mg/Kg	☼	71	64 - 120	4	30
3 & 4 Methylphenol	0.39	U	3.92	2.69		mg/Kg	☼	69	61 - 120	4	30
3,3'-Dichlorobenzidine	0.16	U	3.92	2.80		mg/Kg	☼	71	10 - 120	23	30
3-Nitroaniline	0.39	U	3.92	2.83		mg/Kg	☼	72	18 - 122	12	30
4,6-Dinitro-2-methylphenol	0.31	U	7.84	3.82	*	mg/Kg	☼	49	58 - 136	13	30
4-Bromophenyl phenyl ether	0.39	U	3.92	3.47		mg/Kg	☼	88	60 - 120	5	30
4-Chloro-3-methylphenol	0.39	U	3.92	2.94		mg/Kg	☼	75	66 - 120	8	30
4-Chloroaniline	0.39	U	3.92	2.77	*	mg/Kg	☼	71	10 - 120	31	30
4-Chlorophenyl phenyl ether	0.39	U	3.92	3.18		mg/Kg	☼	81	62 - 120	7	30
4-Methylphenol	0.39	U	3.92	2.69		mg/Kg	☼	69	61 - 120	4	30
4-Nitroaniline	0.39	U	3.92	2.56		mg/Kg	☼	65	51 - 120	11	30
4-Nitrophenol	0.79	U	7.84	5.43		mg/Kg	☼	69	42 - 132	6	30
Acenaphthene	0.39	U	3.92	3.21		mg/Kg	☼	82	65 - 120	5	30
Acenaphthylene	0.39	U	3.92	3.38		mg/Kg	☼	86	64 - 120	4	30
Acetophenone	0.39	U	3.92	2.65		mg/Kg	☼	68	61 - 120	1	30
Anthracene	0.39	U	3.92	3.24		mg/Kg	☼	83	67 - 120	6	30
Atrazine	0.16	U	1.57	2.53	E *	mg/Kg	☼	161	32 - 150	8	30
Benzaldehyde	0.39	U	1.57	1.82	E	mg/Kg	☼	116	28 - 150	3	30
Benzo[a]anthracene	0.039	U	3.92	3.20		mg/Kg	☼	81	66 - 120	5	30
Benzo[a]pyrene	0.039	U	3.92	3.32		mg/Kg	☼	85	73 - 123	6	30
Benzo[b]fluoranthene	0.039	U	3.92	3.26		mg/Kg	☼	83	70 - 125	8	30
Benzo[g,h,i]perylene	0.024	J	3.92	2.81		mg/Kg	☼	71	66 - 120	4	30
Benzo[k]fluoranthene	0.039	U	3.92	3.20		mg/Kg	☼	82	67 - 122	3	30
Bis(2-chloroethoxy)methane	0.39	U	3.92	2.97		mg/Kg	☼	76	62 - 120	1	30
Bis(2-chloroethyl)ether	0.039	U	3.92	2.71		mg/Kg	☼	69	60 - 120	4	30
Bis(2-ethylhexyl) phthalate	0.067	J	3.92	3.29		mg/Kg	☼	82	64 - 125	7	30
Butyl benzyl phthalate	0.39	U	3.92	3.22		mg/Kg	☼	82	62 - 127	6	30
Caprolactam	0.39	U	1.57	1.78		mg/Kg	☼	114	36 - 150	4	30
Carbazole	0.39	U	3.92	3.09		mg/Kg	☼	79	64 - 120	5	30
Chrysene	0.39	U	3.92	3.23		mg/Kg	☼	82	67 - 120	6	30
Dibenz(a,h)anthracene	0.039	U	3.92	2.86		mg/Kg	☼	73	66 - 128	4	30
Dibenzofuran	0.39	U	3.92	3.11		mg/Kg	☼	79	61 - 120	5	30
Diethyl phthalate	0.39	U	3.92	3.05		mg/Kg	☼	78	63 - 120	7	30
Dimethyl phthalate	0.39	U	3.92	3.10		mg/Kg	☼	79	65 - 120	4	30
Di-n-butyl phthalate	0.042	J	3.92	3.27		mg/Kg	☼	82	66 - 120	7	30
Di-n-octyl phthalate	0.39	U	3.92	3.12		mg/Kg	☼	79	61 - 123	5	30
Fluoranthene	0.39	U	3.92	3.05		mg/Kg	☼	78	61 - 120	3	30
Fluorene	0.39	U	3.92	3.15		mg/Kg	☼	80	64 - 120	5	30
Hexachlorobenzene	0.039	U	3.92	3.29		mg/Kg	☼	84	66 - 120	6	30
Hexachlorobutadiene	0.079	U	3.92	2.94		mg/Kg	☼	75	62 - 120	0	30
Hexachlorocyclopentadiene	0.39	U	3.92	2.13		mg/Kg	☼	54	13 - 120	20	30
Hexachloroethane	0.039	U	3.92	2.64		mg/Kg	☼	67	61 - 120	4	30
Indeno[1,2,3-cd]pyrene	0.016	J	3.92	2.92		mg/Kg	☼	74	71 - 137	6	30
Isophorone	0.16	U	3.92	2.91		mg/Kg	☼	74	61 - 120	3	30
Naphthalene	0.39	U	3.92	2.91		mg/Kg	☼	74	63 - 120	1	30
Nitrobenzene	0.039	U	3.92	2.66		mg/Kg	☼	68	63 - 120	2	30
N-Nitrosodi-n-propylamine	0.039	U	3.92	2.63		mg/Kg	☼	67	56 - 120	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-314743-A-5-B MSD
Matrix: Solid
Analysis Batch: 1005640

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1005549

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
N-Nitrosodiphenylamine	0.39	U	3.92	3.30		mg/Kg	☼	84	63 - 120	5	30
Pentachlorophenol	0.31	U	7.84	6.40		mg/Kg	☼	82	61 - 126	9	30
Phenanthrene	0.39	U	3.92	3.24		mg/Kg	☼	83	66 - 120	6	30
Phenol	0.39	U	3.92	2.85		mg/Kg	☼	73	63 - 120	3	30
Pyrene	0.011	J	3.92	3.24		mg/Kg	☼	82	61 - 121	6	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*24 - 137*
2-Fluorobiphenyl	*84*		*38 - 128*
2-Fluorophenol (Surr)	*76*		*31 - 133*
Nitrobenzene-d5 (Surr)	*75*		*31 - 120*
Phenol-d5 (Surr)	*79*		*35 - 132*
Terphenyl-d14 (Surr)	*82*		*44 - 147*

Method: 8081B - Organochlorine Pesticides (GC)

Lab Sample ID: MB 460-1005373/1-A
Matrix: Solid
Analysis Batch: 1005429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005373

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
4,4'-DDD	0.0067	U	0.0067	0.0011	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
4,4'-DDE	0.0067	U	0.0067	0.00079	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
4,4'-DDT	0.0067	U	0.0067	0.0012	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Aldrin	0.0067	U	0.0067	0.0010	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
alpha-BHC	0.0020	U	0.0020	0.00068	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
beta-BHC	0.0020	U	0.0020	0.00075	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Chlordane (technical)	0.067	U	0.067	0.016	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
cis-Chlordane	0.0067	U	0.0067	0.0011	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
delta-BHC	0.0020	U	0.0020	0.00041	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Dieldrin	0.0020	U	0.0020	0.00087	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Endosulfan I	0.0067	U	0.0067	0.0010	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Endosulfan II	0.0067	U	0.0067	0.0017	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Endosulfan sulfate	0.0067	U	0.0067	0.00084	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Endrin	0.0067	U	0.0067	0.00096	mg/Kg		11/05/24 16:34	11/06/24 07:27	1

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 460-1005373/1-A
Matrix: Solid
Analysis Batch: 1005429

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005373

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Endrin aldehyde	0.0067	U	0.0067	0.0016	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Endrin ketone	0.0067	U	0.0067	0.0013	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
gamma-BHC (Lindane)	0.0020	U	0.0020	0.00062	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Heptachlor	0.0067	U	0.0067	0.00079	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Heptachlor epoxide	0.0067	U	0.0067	0.0010	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Methoxychlor	0.0067	U	0.0067	0.0015	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		11/05/24 16:34	11/06/24 07:27	1
Toxaphene	0.067	U	0.067	0.024	mg/Kg		11/05/24 16:34	11/06/24 07:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
DCB Decachlorobiphenyl	*80*		*17 - 150*	*11/05/24 16:34*	*11/06/24 07:27*	*1*
DCB Decachlorobiphenyl	*76*		*17 - 150*	*11/05/24 16:34*	*11/06/24 07:27*	*1*
Tetrachloro-m-xylene	*99*		*21 - 150*	*11/05/24 16:34*	*11/06/24 07:27*	*1*
Tetrachloro-m-xylene	*95*		*21 - 150*	*11/05/24 16:34*	*11/06/24 07:27*	*1*

Lab Sample ID: LCS 460-1005373/2-A
Matrix: Solid
Analysis Batch: 1005429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005373

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.133	0.137		mg/Kg		103	70 - 138
4,4'-DDD	0.133	0.140		mg/Kg		105	70 - 138
4,4'-DDE	0.133	0.158		mg/Kg		118	68 - 136
4,4'-DDE	0.133	0.151		mg/Kg		113	68 - 136
4,4'-DDT	0.133	0.148		mg/Kg		111	66 - 149
4,4'-DDT	0.133	0.158		mg/Kg		119	66 - 149
Aldrin	0.133	0.153		mg/Kg		114	69 - 136
Aldrin	0.133	0.172		mg/Kg		129	69 - 136
alpha-BHC	0.133	0.157		mg/Kg		118	72 - 134
alpha-BHC	0.133	0.169		mg/Kg		127	72 - 134
beta-BHC	0.133	0.141		mg/Kg		106	71 - 130
beta-BHC	0.133	0.157		mg/Kg		118	71 - 130
cis-Chlordane	0.133	0.154		mg/Kg		116	69 - 135
cis-Chlordane	0.133	0.174		mg/Kg		130	69 - 135
delta-BHC	0.133	0.147		mg/Kg		110	69 - 140
delta-BHC	0.133	0.164		mg/Kg		123	69 - 140
Dieldrin	0.133	0.151		mg/Kg		113	69 - 134
Dieldrin	0.133	0.167		mg/Kg		125	69 - 134
Endosulfan I	0.133	0.145		mg/Kg		109	69 - 133
Endosulfan I	0.133	0.190	*	mg/Kg		142	69 - 133
Endosulfan II	0.133	0.151		mg/Kg		113	71 - 137
Endosulfan II	0.133	0.178		mg/Kg		133	71 - 137

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 460-1005373/2-A
Matrix: Solid
Analysis Batch: 1005429

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005373

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Endosulfan sulfate			0.133	0.148		mg/Kg		111	61 - 140		
Endosulfan sulfate			0.133	0.157		mg/Kg		118	61 - 140		
Endrin			0.133	0.139		mg/Kg		104	67 - 141		
Endrin			0.133	0.153		mg/Kg		115	67 - 141		
Endrin aldehyde			0.133	0.151		mg/Kg		113	71 - 136		
Endrin aldehyde			0.133	0.166		mg/Kg		124	71 - 136		
Endrin ketone			0.133	0.146		mg/Kg		110	60 - 146		
Endrin ketone			0.133	0.163		mg/Kg		122	60 - 146		
gamma-BHC (Lindane)			0.133	0.157		mg/Kg		117	72 - 139		
gamma-BHC (Lindane)			0.133	0.172		mg/Kg		129	72 - 139		
Heptachlor			0.133	0.150		mg/Kg		113	74 - 138		
Heptachlor			0.133	0.171		mg/Kg		128	74 - 138		
Heptachlor epoxide			0.133	0.154		mg/Kg		116	72 - 134		
Heptachlor epoxide			0.133	0.167		mg/Kg		125	72 - 134		
Methoxychlor			0.133	0.135		mg/Kg		101	60 - 150		
Methoxychlor			0.133	0.115		mg/Kg		86	60 - 150		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*67*		*17 - 150*
DCB Decachlorobiphenyl	*65*		*17 - 150*
Tetrachloro-m-xylene	*85*		*21 - 150*
Tetrachloro-m-xylene	*89*		*21 - 150*

Lab Sample ID: LCSD 460-1005373/3-A
Matrix: Solid
Analysis Batch: 1005429

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1005373

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD			0.133	0.121		mg/Kg		91	70 - 138	13	30
4,4'-DDD			0.133	0.121		mg/Kg		90	70 - 138	15	30
4,4'-DDE			0.133	0.136		mg/Kg		102	68 - 136	15	30
4,4'-DDE			0.133	0.128		mg/Kg		96	68 - 136	16	30
4,4'-DDT			0.133	0.129		mg/Kg		97	66 - 149	14	30
4,4'-DDT			0.133	0.136		mg/Kg		102	66 - 149	15	30
Aldrin			0.133	0.132		mg/Kg		99	69 - 136	14	30
Aldrin			0.133	0.147		mg/Kg		110	69 - 136	16	30
alpha-BHC			0.133	0.136		mg/Kg		102	72 - 134	15	30
alpha-BHC			0.133	0.143		mg/Kg		107	72 - 134	17	30
beta-BHC			0.133	0.129		mg/Kg		97	71 - 130	9	30
beta-BHC			0.133	0.135		mg/Kg		101	71 - 130	15	30
cis-Chlordane			0.133	0.138		mg/Kg		104	69 - 135	11	30
cis-Chlordane			0.133	0.150		mg/Kg		112	69 - 135	15	30
delta-BHC			0.133	0.130		mg/Kg		97	69 - 140	13	30
delta-BHC			0.133	0.139		mg/Kg		104	69 - 140	17	30
Dieldrin			0.133	0.131		mg/Kg		98	69 - 134	14	30
Dieldrin			0.133	0.143		mg/Kg		107	69 - 134	15	30
Endosulfan I			0.133	0.132		mg/Kg		99	69 - 133	10	30
Endosulfan I			0.133	0.164		mg/Kg		123	69 - 133	14	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCSD 460-1005373/3-A
Matrix: Solid
Analysis Batch: 1005429

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1005373

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endosulfan II			0.133	0.137		mg/Kg		103	71 - 137	10	30
Endosulfan II			0.133	0.155		mg/Kg		116	71 - 137	14	30
Endosulfan sulfate			0.133	0.129		mg/Kg		97	61 - 140	14	30
Endosulfan sulfate			0.133	0.136		mg/Kg		102	61 - 140	15	30
Endrin			0.133	0.121		mg/Kg		90	67 - 141	14	30
Endrin			0.133	0.134		mg/Kg		100	67 - 141	14	30
Endrin aldehyde			0.133	0.134		mg/Kg		101	71 - 136	12	30
Endrin aldehyde			0.133	0.144		mg/Kg		108	71 - 136	14	30
Endrin ketone			0.133	0.135		mg/Kg		101	60 - 146	8	30
Endrin ketone			0.133	0.141		mg/Kg		106	60 - 146	14	30
gamma-BHC (Lindane)			0.133	0.138		mg/Kg		104	72 - 139	12	30
gamma-BHC (Lindane)			0.133	0.145		mg/Kg		109	72 - 139	17	30
Heptachlor			0.133	0.132		mg/Kg		99	74 - 138	13	30
Heptachlor			0.133	0.145		mg/Kg		109	74 - 138	16	30
Heptachlor epoxide			0.133	0.134		mg/Kg		100	72 - 134	14	30
Heptachlor epoxide			0.133	0.144		mg/Kg		108	72 - 134	15	30
Methoxychlor			0.133	0.119		mg/Kg		90	60 - 150	12	30
Methoxychlor			0.133	0.0963		mg/Kg		72	60 - 150	18	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*63*		*17 - 150*
DCB Decachlorobiphenyl	*61*		*17 - 150*
Tetrachloro-m-xylene	*78*		*21 - 150*
Tetrachloro-m-xylene	*80*		*21 - 150*

Lab Sample ID: 200-75670-C-1-G MS
Matrix: Solid
Analysis Batch: 1005429

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1005373

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
4,4'-DDD	0.0068	U	0.135	0.128		mg/Kg	☼	95	70 - 138
4,4'-DDD	0.0068	U	0.135	0.135		mg/Kg	☼	100	70 - 138
4,4'-DDE	0.0068	U	0.135	0.138		mg/Kg	☼	103	68 - 136
4,4'-DDT	0.0068	U	0.135	0.136		mg/Kg	☼	101	66 - 149
4,4'-DDT	0.0068	U	0.135	0.140		mg/Kg	☼	104	66 - 149
Aldrin	0.0068	U	0.135	0.133		mg/Kg	☼	99	69 - 136
Aldrin	0.0068	U	0.135	0.146		mg/Kg	☼	109	69 - 136
alpha-BHC	0.0020	U	0.135	0.138		mg/Kg	☼	103	72 - 134
alpha-BHC	0.0020	U	0.135	0.146		mg/Kg	☼	108	72 - 134
beta-BHC	0.0020	U	0.135	0.132		mg/Kg	☼	98	71 - 130
beta-BHC	0.0020	U	0.135	0.137		mg/Kg	☼	102	71 - 130
cis-Chlordane	0.0068	U	0.135	0.142		mg/Kg	☼	105	69 - 135
cis-Chlordane	0.0068	U	0.135	0.145		mg/Kg	☼	108	69 - 135
delta-BHC	0.0020	U	0.135	0.134		mg/Kg	☼	100	69 - 140
delta-BHC	0.0020	U	0.135	0.144		mg/Kg	☼	107	69 - 140
Dieldrin	0.0020	U	0.135	0.134		mg/Kg	☼	99	69 - 134
Dieldrin	0.0020	U	0.135	0.140		mg/Kg	☼	104	69 - 134
Endosulfan I	0.0068	U *	0.135	0.135		mg/Kg	☼	101	69 - 133

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 200-75670-C-1-G MS
Matrix: Solid
Analysis Batch: 1005429

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1005373

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Endosulfan I	0.0068	U *	0.135	0.156		mg/Kg	☼	116	69 - 133
Endosulfan II	0.0068	U	0.135	0.138		mg/Kg	☼	103	71 - 137
Endosulfan II	0.0068	U	0.135	0.152		mg/Kg	☼	113	71 - 137
Endosulfan sulfate	0.0068	U	0.135	0.132		mg/Kg	☼	98	61 - 140
Endrin	0.0068	U	0.135	0.128		mg/Kg	☼	95	67 - 141
Endrin	0.0068	U	0.135	0.136		mg/Kg	☼	101	67 - 141
Endrin aldehyde	0.0068	U	0.135	0.137		mg/Kg	☼	102	71 - 136
Endrin aldehyde	0.0068	U	0.135	0.144		mg/Kg	☼	107	71 - 136
Endrin ketone	0.0068	U	0.135	0.138		mg/Kg	☼	103	60 - 146
Endrin ketone	0.0068	U	0.135	0.139		mg/Kg	☼	103	60 - 146
gamma-BHC (Lindane)	0.0020	U	0.135	0.141		mg/Kg	☼	105	72 - 139
gamma-BHC (Lindane)	0.0020	U	0.135	0.147		mg/Kg	☼	109	72 - 139
Heptachlor	0.0068	U	0.135	0.134		mg/Kg	☼	100	74 - 138
Heptachlor	0.0068	U	0.135	0.148		mg/Kg	☼	110	74 - 138
Heptachlor epoxide	0.0068	U	0.135	0.137		mg/Kg	☼	102	72 - 134
Heptachlor epoxide	0.0068	U	0.135	0.144		mg/Kg	☼	107	72 - 134
Methoxychlor	0.0068	U	0.135	0.129		mg/Kg	☼	96	60 - 150

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
DCB Decachlorobiphenyl	*82*		*17 - 150*
DCB Decachlorobiphenyl	*79*		*17 - 150*
Tetrachloro-m-xylene	*81*		*21 - 150*
Tetrachloro-m-xylene	*83*		*21 - 150*

Lab Sample ID: 200-75670-C-1-H MSD
Matrix: Solid
Analysis Batch: 1005429

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1005373

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4,4'-DDD	0.0068	U	0.135	0.132		mg/Kg	☼	98	70 - 138	3	30
4,4'-DDD	0.0068	U	0.135	0.136		mg/Kg	☼	101	70 - 138	1	30
4,4'-DDE	0.0068	U	0.135	0.143		mg/Kg	☼	106	68 - 136	4	30
4,4'-DDT	0.0068	U	0.135	0.141		mg/Kg	☼	105	66 - 149	4	30
4,4'-DDT	0.0068	U	0.135	0.143		mg/Kg	☼	106	66 - 149	2	30
Aldrin	0.0068	U	0.135	0.140		mg/Kg	☼	104	69 - 136	5	30
Aldrin	0.0068	U	0.135	0.151		mg/Kg	☼	112	69 - 136	3	30
alpha-BHC	0.0020	U	0.135	0.146		mg/Kg	☼	108	72 - 134	5	30
alpha-BHC	0.0020	U	0.135	0.153		mg/Kg	☼	113	72 - 134	5	30
beta-BHC	0.0020	U	0.135	0.139		mg/Kg	☼	103	71 - 130	5	30
beta-BHC	0.0020	U	0.135	0.142		mg/Kg	☼	105	71 - 130	3	30
cis-Chlordane	0.0068	U	0.135	0.147		mg/Kg	☼	109	69 - 135	4	30
cis-Chlordane	0.0068	U	0.135	0.152		mg/Kg	☼	113	69 - 135	5	30
delta-BHC	0.0020	U	0.135	0.142		mg/Kg	☼	106	69 - 140	6	30
delta-BHC	0.0020	U	0.135	0.152		mg/Kg	☼	113	69 - 140	5	30
Dieldrin	0.0020	U	0.135	0.139		mg/Kg	☼	103	69 - 134	4	30
Dieldrin	0.0020	U	0.135	0.145		mg/Kg	☼	108	69 - 134	4	30
Endosulfan I	0.0068	U *	0.135	0.141		mg/Kg	☼	104	69 - 133	4	30
Endosulfan I	0.0068	U *	0.135	0.163		mg/Kg	☼	121	69 - 133	5	30

Method: 8081B - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 200-75670-C-1-H MSD
Matrix: Solid
Analysis Batch: 1005429

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1005373

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Endosulfan II	0.0068	U	0.135	0.143		mg/Kg	☼	106	71 - 137	4	30
Endosulfan II	0.0068	U	0.135	0.153		mg/Kg	☼	113	71 - 137	1	30
Endosulfan sulfate	0.0068	U	0.135	0.138		mg/Kg	☼	102	61 - 140	4	30
Endrin	0.0068	U	0.135	0.132		mg/Kg	☼	98	67 - 141	3	30
Endrin	0.0068	U	0.135	0.139		mg/Kg	☼	103	67 - 141	2	30
Endrin aldehyde	0.0068	U	0.135	0.143		mg/Kg	☼	106	71 - 136	4	30
Endrin aldehyde	0.0068	U	0.135	0.148		mg/Kg	☼	110	71 - 136	3	30
Endrin ketone	0.0068	U	0.135	0.143		mg/Kg	☼	106	60 - 146	3	30
gamma-BHC (Lindane)	0.0020	U	0.135	0.147		mg/Kg	☼	109	72 - 139	4	30
gamma-BHC (Lindane)	0.0020	U	0.135	0.153		mg/Kg	☼	114	72 - 139	4	30
Heptachlor	0.0068	U	0.135	0.140		mg/Kg	☼	104	74 - 138	5	30
Heptachlor	0.0068	U	0.135	0.153		mg/Kg	☼	114	74 - 138	3	30
Heptachlor epoxide	0.0068	U	0.135	0.142		mg/Kg	☼	105	72 - 134	4	30
Heptachlor epoxide	0.0068	U	0.135	0.148		mg/Kg	☼	110	72 - 134	3	30
Methoxychlor	0.0068	U	0.135	0.134		mg/Kg	☼	99	60 - 150	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
DCB Decachlorobiphenyl	*69*		*17 - 150*
DCB Decachlorobiphenyl	*64*		*17 - 150*
Tetrachloro-m-xylene	*70*		*21 - 150*
Tetrachloro-m-xylene	*70*		*21 - 150*

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 460-1005369/1-A
Matrix: Solid
Analysis Batch: 1005504

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005369

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1016	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1221	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1232	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1242	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1248	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1254	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1260	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor-1262	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Aroclor 1268	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1
Polychlorinated biphenyls, Total	0.067	U	0.067	0.018	mg/Kg		11/05/24 16:31	11/06/24 12:18	1

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
DCB Decachlorobiphenyl	77		20 - 150	11/05/24 16:31	11/06/24 12:18	1
DCB Decachlorobiphenyl	88		20 - 150	11/05/24 16:31	11/06/24 12:18	1
Tetrachloro-m-xylene	109		20 - 150	11/05/24 16:31	11/06/24 12:18	1
Tetrachloro-m-xylene	98		20 - 150	11/05/24 16:31	11/06/24 12:18	1

Lab Sample ID: LCS 460-1005369/2-A
Matrix: Solid
Analysis Batch: 1005504

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005369

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016			0.333	0.347		mg/Kg		104	54 - 136		
Aroclor 1016			0.333	0.325		mg/Kg		97	54 - 136		
Aroclor 1260			0.333	0.355		mg/Kg		107	53 - 145		
Aroclor 1260			0.333	0.349		mg/Kg		105	53 - 145		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
DCB Decachlorobiphenyl	74		20 - 150
DCB Decachlorobiphenyl	70		20 - 150
Tetrachloro-m-xylene	97		20 - 150
Tetrachloro-m-xylene	94		20 - 150

Lab Sample ID: LCSD 460-1005369/3-A
Matrix: Solid
Analysis Batch: 1005504

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1005369

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016			0.333	0.322		mg/Kg		97	54 - 136	7	30
Aroclor 1016			0.333	0.299		mg/Kg		90	54 - 136	8	30
Aroclor 1260			0.333	0.318		mg/Kg		95	53 - 145	11	30
Aroclor 1260			0.333	0.303		mg/Kg		91	53 - 145	14	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
DCB Decachlorobiphenyl	71		20 - 150
DCB Decachlorobiphenyl	68		20 - 150
Tetrachloro-m-xylene	99		20 - 150
Tetrachloro-m-xylene	94		20 - 150

Lab Sample ID: 200-75670-C-1-D MS
Matrix: Solid
Analysis Batch: 1005504

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1005369

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Aroclor 1016	0.068	U	0.335	0.261		mg/Kg	☼	78	54 - 136		
Aroclor 1016	0.068	U	0.335	0.245		mg/Kg	☼	73	54 - 136		
Aroclor 1260	0.068	U	0.335	0.249		mg/Kg	☼	74	53 - 145		
Aroclor 1260	0.068	U	0.335	0.236		mg/Kg	☼	70	53 - 145		

Surrogate	MS %Recovery	MS Qualifier	Limits
DCB Decachlorobiphenyl	30		20 - 150
DCB Decachlorobiphenyl	28		20 - 150

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography (Continued)

Lab Sample ID: 200-75670-C-1-D MS
Matrix: Solid
Analysis Batch: 1005504

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1005369

Surrogate	MS %Recovery	MS Qualifier	Limits
Tetrachloro-m-xylene	*30*		*20 - 150*
Tetrachloro-m-xylene	*29*		*20 - 150*

Lab Sample ID: 200-75670-C-1-E MSD
Matrix: Solid
Analysis Batch: 1005504

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1005369

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aroclor 1016	0.068	U	0.336	0.256		mg/Kg	☼	76	54 - 136	2	30
Aroclor 1016	0.068	U	0.336	0.231		mg/Kg	☼	69	54 - 136	6	30
Aroclor 1260	0.068	U	0.336	0.255		mg/Kg	☼	76	53 - 145	2	30
Aroclor 1260	0.068	U	0.336	0.256		mg/Kg	☼	76	53 - 145	8	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
DCB Decachlorobiphenyl	*33*		*20 - 150*
DCB Decachlorobiphenyl	*31*		*20 - 150*
Tetrachloro-m-xylene	*34*		*20 - 150*
Tetrachloro-m-xylene	*32*		*20 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1005465/1-A
Matrix: Solid
Analysis Batch: 1005565

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005465

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Antimony	1.0	U	1.0	0.15	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Barium	2.0	U	2.0	0.15	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Beryllium	0.40	U	0.40	0.057	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Calcium	100	U	100	40.7	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Chromium	2.0	U	2.0	0.91	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Copper	2.0	U	2.0	0.37	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Iron	60.0	U	60.0	20.2	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Lead	0.60	U	0.60	0.20	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Magnesium	100	U	100	10.2	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Manganese	4.0	U	4.0	0.40	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Nickel	2.0	U	2.0	0.47	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Potassium	100	U	100	16.2	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Selenium	1.3	U	1.3	0.13	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Silver	0.40	U	0.40	0.089	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Sodium	100	U	100	45.7	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Thallium	0.40	U	0.40	0.041	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		11/06/24 07:18	11/06/24 17:57	1
Zinc	8.0	U	8.0	3.1	mg/Kg		11/06/24 07:18	11/06/24 17:57	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1005465/2-A ^3
Matrix: Solid
Analysis Batch: 1005565

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005465

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5940	5443		mg/Kg		91.6	46.1 - 153.9
Antimony	121	87.42		mg/Kg		72.2	0.1 - 200.8
Arsenic	242	221.6		mg/Kg		91.6	81.8 - 118.6
Barium	295	289.6		mg/Kg		98.2	81.7 - 118.3
Beryllium	160	138.3		mg/Kg		86.4	82.5 - 117.5
Cadmium	84.3	82.61		mg/Kg		98.0	82.2 - 117.8
Calcium	5270	4853		mg/Kg		92.1	82.5 - 117.5
Chromium	213	195.1		mg/Kg		91.6	81.2 - 119.2
Cobalt	137	135.9		mg/Kg		99.2	83.2 - 117.5
Copper	195	183.9		mg/Kg		94.3	83.1 - 116.9
Iron	6650	6161		mg/Kg		92.6	58.6 - 141.5
Lead	194	182.5		mg/Kg		94.0	82.0 - 118.6
Magnesium	1860	1705		mg/Kg		91.7	75.3 - 124.2
Nickel	298	283.8		mg/Kg		95.2	82.2 - 117.8
Potassium	2010	1872		mg/Kg		93.2	70.6 - 129.4
Selenium	272	263.3		mg/Kg		96.8	80.1 - 119.5
Silver	76.7	71.15		mg/Kg		92.8	79.5 - 120.5
Sodium	406	390.3		mg/Kg		96.1	74.9 - 124.9
Thallium	108	107.4		mg/Kg		99.5	80.0 - 119.4
Vanadium	169	156.7		mg/Kg		92.7	78.1 - 122.5
Zinc	236	231.2		mg/Kg		98.0	80.1 - 120.3

Lab Sample ID: 460-314754-3 MS
Matrix: Solid
Analysis Batch: 1005565

Client Sample ID: SB-2_(3-5)
Prep Type: Total/NA
Prep Batch: 1005465

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6540		508	7575	4	mg/Kg	☼	203	75 - 125
Antimony	0.36	J	5.08	2.62	N	mg/Kg	☼	44	75 - 125
Arsenic	4.3		10.2	14.41		mg/Kg	☼	99	75 - 125
Barium	102		10.2	102.3	4	mg/Kg	☼	4	75 - 125
Beryllium	0.29	J	5.08	4.74		mg/Kg	☼	87	75 - 125
Cadmium	0.64	J	5.08	5.72		mg/Kg	☼	100	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-314754-3 MS
Matrix: Solid
Analysis Batch: 1005565

Client Sample ID: SB-2_(3-5)
Prep Type: Total/NA
Prep Batch: 1005465

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Calcium	16100		508	17020	4	mg/Kg	☼	171	75 - 125
Chromium	17.7		10.2	28.72		mg/Kg	☼	109	75 - 125
Cobalt	5.0		5.08	9.78		mg/Kg	☼	94	75 - 125
Copper	39.9		10.2	48.70		mg/Kg	☼	86	75 - 125
Iron	18000		508	21990	4	mg/Kg	☼	791	75 - 125
Lead	161		5.08	163.0	4	mg/Kg	☼	31	75 - 125
Magnesium	4870		508	4952	4	mg/Kg	☼	15	75 - 125
Manganese	237	N	50.8	305.8	4	mg/Kg	☼	135	75 - 125
Nickel	15.3		10.2	24.72		mg/Kg	☼	93	75 - 125
Potassium	796		508	1317		mg/Kg	☼	102	75 - 125
Selenium	0.22	J	10.2	9.44		mg/Kg	☼	91	75 - 125
Silver	0.41	U	5.08	4.85		mg/Kg	☼	95	75 - 125
Sodium	169		508	662.2		mg/Kg	☼	97	75 - 125
Thallium	0.055	J	4.07	3.88		mg/Kg	☼	94	75 - 125
Vanadium	23.2		10.2	35.09		mg/Kg	☼	117	75 - 125
Zinc	282		50.8	287.7	4	mg/Kg	☼	11	75 - 125

Lab Sample ID: 460-314754-3 DU
Matrix: Solid
Analysis Batch: 1005565

Client Sample ID: SB-2_(3-5)
Prep Type: Total/NA
Prep Batch: 1005465

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	6540		6415		mg/Kg	☼	2	20
Antimony	0.36	J	0.388	J	mg/Kg	☼	8	20
Arsenic	4.3		5.04		mg/Kg	☼	16	20
Barium	102		88.15		mg/Kg	☼	14	20
Beryllium	0.29	J	0.288	J	mg/Kg	☼	2	20
Cadmium	0.64	J	0.644	J	mg/Kg	☼	1	20
Calcium	16100		17700		mg/Kg	☼	9	20
Chromium	17.7		17.15		mg/Kg	☼	3	20
Cobalt	5.0		5.41		mg/Kg	☼	7	20
Copper	39.9		35.38		mg/Kg	☼	12	20
Iron	18000		17440		mg/Kg	☼	3	20
Lead	161		159.2		mg/Kg	☼	1	20
Magnesium	4870		5059		mg/Kg	☼	4	20
Nickel	15.3		14.76		mg/Kg	☼	4	20
Potassium	796		821.5		mg/Kg	☼	3	20
Selenium	0.22	J	0.252	J	mg/Kg	☼	15	20
Silver	0.41	U	0.120	J	mg/Kg	☼	NC	20
Sodium	169		176.0		mg/Kg	☼	4	20
Thallium	0.055	J	0.0610	J	mg/Kg	☼	11	20
Vanadium	23.2		27.81		mg/Kg	☼	18	20
Zinc	282		245.9		mg/Kg	☼	14	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1006053/1-A
Matrix: Solid
Analysis Batch: 1006324

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1006053

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Antimony	1.0	U	1.0	0.15	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Barium	2.0	U	2.0	0.15	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Beryllium	0.40	U	0.40	0.057	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Calcium	100	U	100	40.7	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Chromium	2.0	U	2.0	0.91	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Copper	2.0	U	2.0	0.37	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Iron	60.0	U	60.0	20.2	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Lead	0.60	U	0.60	0.20	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Magnesium	100	U	100	10.2	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Manganese	4.0	U	4.0	0.40	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Nickel	2.0	U	2.0	0.47	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Potassium	100	U	100	16.2	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Selenium	1.3	U	1.3	0.13	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Silver	0.40	U	0.40	0.089	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Sodium	100	U	100	45.7	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Thallium	0.40	U	0.40	0.041	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		11/08/24 21:30	11/11/24 11:40	1
Zinc	8.0	U	8.0	3.1	mg/Kg		11/08/24 21:30	11/11/24 11:40	1

Lab Sample ID: LCSSRM 460-1006053/2-A ^3
Matrix: Solid
Analysis Batch: 1006324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1006053

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5940	4988		mg/Kg		84.0	46.1 - 153.9
Antimony	121	67.57		mg/Kg		55.8	0.1 - 200.8
Arsenic	242	230.6		mg/Kg		95.3	81.8 - 118.6
Barium	295	278.2		mg/Kg		94.3	81.7 - 118.3
Beryllium	160	139.8		mg/Kg		87.4	82.5 - 117.5
Cadmium	84.3	87.30		mg/Kg		103.6	82.2 - 117.8
Calcium	5270	5117		mg/Kg		97.1	82.5 - 117.5
Chromium	213	215.4		mg/Kg		101.1	81.2 - 119.2
Cobalt	137	134.3		mg/Kg		98.1	83.2 - 117.5
Copper	195	186.7		mg/Kg		95.7	83.1 - 116.9
Iron	6650	5582		mg/Kg		83.9	58.6 - 141.5
Lead	194	180.6		mg/Kg		93.1	82.0 - 118.6

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1006053/2-A ^3
Matrix: Solid
Analysis Batch: 1006324

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1006053

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1860	1683		mg/Kg		90.5	75.3 - 124.2
Manganese	264	243.1		mg/Kg		92.1	80.7 - 118.9
Nickel	298	293.6		mg/Kg		98.5	82.2 - 117.8
Potassium	2010	1856		mg/Kg		92.3	70.6 - 129.4
Selenium	272	276.1		mg/Kg		101.5	80.1 - 119.5
Silver	76.7	71.63		mg/Kg		93.4	79.5 - 120.5
Sodium	406	400.9		mg/Kg		98.8	74.9 - 124.9
Thallium	108	110.8		mg/Kg		102.6	80.0 - 119.4
Vanadium	169	160.1		mg/Kg		94.7	78.1 - 122.5
Zinc	236	230.7		mg/Kg		97.7	80.1 - 120.3

Lab Sample ID: 460-314916-G-2-E MS
Matrix: Solid
Analysis Batch: 1006324

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1006053

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	9640		390	10250	4	mg/Kg	☼	155	75 - 125
Antimony	2.3		3.90	5.87		mg/Kg	☼	92	75 - 125
Arsenic	14.5		7.81	21.53		mg/Kg	☼	90	75 - 125
Barium	108		7.81	133.2	4	mg/Kg	☼	326	75 - 125
Beryllium	0.40		3.90	3.81		mg/Kg	☼	87	75 - 125
Cadmium	0.28	J	3.90	3.68		mg/Kg	☼	87	75 - 125
Calcium	19000		390	20370	4	mg/Kg	☼	346	75 - 125
Chromium	22.2		7.81	27.53	N	mg/Kg	☼	68	75 - 125
Cobalt	6.7		3.90	8.24	N	mg/Kg	☼	41	75 - 125
Copper	45.3		7.81	51.74	4	mg/Kg	☼	82	75 - 125
Iron	18000		390	16740	4	mg/Kg	☼	-325	75 - 125
Lead	179		3.90	345.4	4	mg/Kg	☼	4255	75 - 125
Magnesium	3840		390	3821	4	mg/Kg	☼	-4	75 - 125
Manganese	282		39.0	259.0	4	mg/Kg	☼	-59	75 - 125
Nickel	17.2		7.81	21.05	N	mg/Kg	☼	49	75 - 125
Potassium	1340		390	1662		mg/Kg	☼	83	75 - 125
Selenium	0.32	J	7.81	7.03		mg/Kg	☼	86	75 - 125
Silver	0.076	J	3.90	3.62		mg/Kg	☼	91	75 - 125
Sodium	325		390	707.2		mg/Kg	☼	98	75 - 125
Thallium	0.15	J	3.12	2.97		mg/Kg	☼	90	75 - 125
Vanadium	26.3		7.81	29.69	N	mg/Kg	☼	43	75 - 125
Zinc	140		39.0	172.4		mg/Kg	☼	84	75 - 125

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-314916-G-2-D DU
Matrix: Solid
Analysis Batch: 1006324

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1006053

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	9640		9334		mg/Kg	☼	3	20
Antimony	2.3		2.26		mg/Kg	☼	0.1	20
Arsenic	14.5		16.31		mg/Kg	☼	12	20
Barium	108		99.04		mg/Kg	☼	8	20
Beryllium	0.40		0.392		mg/Kg	☼	3	20
Cadmium	0.28	J	0.347	J	mg/Kg	☼	22	20
Calcium	19000		20160		mg/Kg	☼	6	20
Chromium	22.2		22.21		mg/Kg	☼	0.09	20
Cobalt	6.7		5.71		mg/Kg	☼	15	20
Copper	45.3		129.5	*	mg/Kg	☼	96	20
Iron	18000		16460		mg/Kg	☼	9	20
Lead	179		141.4	*	mg/Kg	☼	24	20
Magnesium	3840		3704		mg/Kg	☼	4	20
Manganese	282		221.3	*	mg/Kg	☼	24	20
Nickel	17.2		16.73		mg/Kg	☼	3	20
Potassium	1340		1285		mg/Kg	☼	4	20
Selenium	0.32	J	0.303	J	mg/Kg	☼	7	20
Silver	0.076	J	0.109	J	mg/Kg	☼	35	20
Sodium	325		343.6		mg/Kg	☼	6	20
Thallium	0.15	J	0.0818	J	mg/Kg	☼	60	20
Vanadium	26.3		24.57		mg/Kg	☼	7	20
Zinc	140		132.2		mg/Kg	☼	5	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1005426/10-A
Matrix: Solid
Analysis Batch: 1005477

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005426

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		11/06/24 00:44	11/06/24 04:05	1

Lab Sample ID: LCSSRM 460-1005426/11-A ^40
Matrix: Solid
Analysis Batch: 1005477

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005426

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	22.8	22.84		mg/Kg		100.2	70.6 - 129.4

Lab Sample ID: 460-314684-E-1-K MS
Matrix: Solid
Analysis Batch: 1005477

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1005426

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.017	U	0.0835	0.0918		mg/Kg	☼	110	80 - 120

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: 460-314684-E-1-J DU
Matrix: Solid
Analysis Batch: 1005477

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1005426

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.017	U	0.017	U	mg/Kg	☼	NC	20

Method: 7196A - Chromium, Hexavalent

Lab Sample ID: MB 460-1005729/1-A
Matrix: Solid
Analysis Batch: 1005748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005729

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cr (VI)	2.0	U	2.0	0.85	mg/Kg		11/07/24 10:00	11/07/24 11:55	1

Lab Sample ID: LCSI 460-1005729/3-A
Matrix: Solid
Analysis Batch: 1005748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005729

Analyte	Spike Added	LCSI Result	LCSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	708	674.4		mg/Kg		95	80 - 120

Lab Sample ID: LCSSRM 460-1005729/2-A
Matrix: Solid
Analysis Batch: 1005748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005729

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	14.9	13.40		mg/Kg		89.7	84.2 - 114.5

Lab Sample ID: 460-314575-B-5-E MSS
Matrix: Solid
Analysis Batch: 1005748

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1005729

Analyte	Sample Result	Sample Qualifier	Spike Added	MSS Result	MSS Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.1	U	42.4	38.19		mg/Kg	☼	90	75 - 125

Lab Sample ID: 460-314575-B-5-F MSI
Matrix: Solid
Analysis Batch: 1005748

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1005729

Analyte	Sample Result	Sample Qualifier	Spike Added	MSI Result	MSI Qualifier	Unit	D	%Rec	%Rec Limits
Cr (VI)	2.1	U	751	638.4		mg/Kg	☼	85	75 - 125

Lab Sample ID: 460-314575-B-5-D DU
Matrix: Solid
Analysis Batch: 1005748

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1005729

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Cr (VI)	2.1	U	2.1	U	mg/Kg	☼	NC	20

Method: 9012B - Cyanide, Total andor Amenable

Lab Sample ID: MB 460-1005715/1-A
Matrix: Solid
Analysis Batch: 1005986

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1005715

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyanide, Total	0.010	U	0.010	0.0055	mg/Kg		11/07/24 07:36	11/08/24 10:07	1

Lab Sample ID: LCSSRM 460-1005715/2-A ^20
Matrix: Solid
Analysis Batch: 1005986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005715

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	172	137.3		mg/Kg		79.8	14.9 - 114.5

Lab Sample ID: 460-314754-1 MS
Matrix: Solid
Analysis Batch: 1005986

Client Sample ID: SB-3_(0-2)
Prep Type: Total/NA
Prep Batch: 1005715

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.16	J	4.04	3.94		mg/Kg	☼	94	29 - 100

Lab Sample ID: 460-314754-1 MSD
Matrix: Solid
Analysis Batch: 1005986

Client Sample ID: SB-3_(0-2)
Prep Type: Total/NA
Prep Batch: 1005715

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Cyanide, Total	0.16	J	4.04	3.96		mg/Kg	☼	94	29 - 100	1	40

Lab Sample ID: MRL 460-1005939/11-A
Matrix: Solid
Analysis Batch: 1005986

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1005939

Analyte	Spike Added	MRL Result	MRL Qualifier	Unit	D	%Rec	%Rec Limits
Cyanide, Total	0.0100	0.0100		mg/L		100	50 - 150

Method: Moisture - Percent Moisture

Lab Sample ID: 460-314745-A-1 DU
Matrix: Solid
Analysis Batch: 1005380

Client Sample ID: Duplicate
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	10.6		14.9	*	%		34	20
Percent Solids	89.4		85.1		%		5	20

GC/MS VOA

Prep Batch: 1005330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	5035	
460-314754-2	SB-2_(0-2)	Total/NA	Solid	5035	
460-314754-3	SB-2_(3-5)	Total/NA	Solid	5035	
460-314754-4	SB-5_(0-2)	Total/NA	Solid	5035	
460-314754-5	SB-5_(3-5)	Total/NA	Solid	5035	
460-314754-6	SB-1_(0-2)	Total/NA	Solid	5035	
460-314754-7	SB-1_(3-5)	Total/NA	Solid	5035	
460-314754-8	SB-4_(0-2)	Total/NA	Solid	5035	
460-314754-9	SB-4_(3-5)	Total/NA	Solid	5035	
LB3 460-1005330/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 1005370

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	8260D	1005330
460-314754-2	SB-2_(0-2)	Total/NA	Solid	8260D	1005330
460-314754-3	SB-2_(3-5)	Total/NA	Solid	8260D	1005330
460-314754-4	SB-5_(0-2)	Total/NA	Solid	8260D	1005330
460-314754-5	SB-5_(3-5)	Total/NA	Solid	8260D	1005330
460-314754-6	SB-1_(0-2)	Total/NA	Solid	8260D	1005330
460-314754-7	SB-1_(3-5)	Total/NA	Solid	8260D	1005330
460-314754-8	SB-4_(0-2)	Total/NA	Solid	8260D	1005330
460-314754-9	SB-4_(3-5)	Total/NA	Solid	8260D	1005330
LB3 460-1005330/1-A	Method Blank	Total/NA	Solid	8260D	1005330
MB 460-1005370/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1005370/2	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1005370/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1005549

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	3546	
460-314754-1 - DL	SB-3_(0-2)	Total/NA	Solid	3546	
460-314754-2	SB-2_(0-2)	Total/NA	Solid	3546	
460-314754-3	SB-2_(3-5)	Total/NA	Solid	3546	
460-314754-4	SB-5_(0-2)	Total/NA	Solid	3546	
460-314754-5	SB-5_(3-5)	Total/NA	Solid	3546	
460-314754-5 - DL	SB-5_(3-5)	Total/NA	Solid	3546	
460-314754-6	SB-1_(0-2)	Total/NA	Solid	3546	
460-314754-7	SB-1_(3-5)	Total/NA	Solid	3546	
460-314754-8	SB-4_(0-2)	Total/NA	Solid	3546	
460-314754-9	SB-4_(3-5)	Total/NA	Solid	3546	
MB 460-1005549/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1005549/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1005549/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-314743-A-5-A MS	Matrix Spike	Total/NA	Solid	3546	
460-314743-A-5-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Analysis Batch: 1005640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	8270E	1005549

GC/MS Semi VOA (Continued)

Analysis Batch: 1005640 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1 - DL	SB-3_(0-2)	Total/NA	Solid	8270E	1005549
460-314754-2	SB-2_(0-2)	Total/NA	Solid	8270E	1005549
460-314754-3	SB-2_(3-5)	Total/NA	Solid	8270E	1005549
460-314754-4	SB-5_(0-2)	Total/NA	Solid	8270E	1005549
460-314754-5	SB-5_(3-5)	Total/NA	Solid	8270E	1005549
460-314754-5 - DL	SB-5_(3-5)	Total/NA	Solid	8270E	1005549
460-314754-6	SB-1_(0-2)	Total/NA	Solid	8270E	1005549
460-314754-7	SB-1_(3-5)	Total/NA	Solid	8270E	1005549
460-314754-8	SB-4_(0-2)	Total/NA	Solid	8270E	1005549
460-314754-9	SB-4_(3-5)	Total/NA	Solid	8270E	1005549
MB 460-1005549/1-A	Method Blank	Total/NA	Solid	8270E	1005549
LCS 460-1005549/2-A	Lab Control Sample	Total/NA	Solid	8270E	1005549
LCSD 460-1005549/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1005549
460-314743-A-5-A MS	Matrix Spike	Total/NA	Solid	8270E	1005549
460-314743-A-5-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1005549

GC Semi VOA

Prep Batch: 1005369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	3546	
460-314754-2	SB-2_(0-2)	Total/NA	Solid	3546	
460-314754-3	SB-2_(3-5)	Total/NA	Solid	3546	
460-314754-4	SB-5_(0-2)	Total/NA	Solid	3546	
460-314754-5	SB-5_(3-5)	Total/NA	Solid	3546	
460-314754-6	SB-1_(0-2)	Total/NA	Solid	3546	
460-314754-7	SB-1_(3-5)	Total/NA	Solid	3546	
460-314754-8	SB-4_(0-2)	Total/NA	Solid	3546	
460-314754-9	SB-4_(3-5)	Total/NA	Solid	3546	
MB 460-1005369/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1005369/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1005369/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
200-75670-C-1-D MS	Matrix Spike	Total/NA	Solid	3546	
200-75670-C-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

Prep Batch: 1005373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	3546	
460-314754-2	SB-2_(0-2)	Total/NA	Solid	3546	
460-314754-3	SB-2_(3-5)	Total/NA	Solid	3546	
460-314754-4	SB-5_(0-2)	Total/NA	Solid	3546	
460-314754-5	SB-5_(3-5)	Total/NA	Solid	3546	
460-314754-6	SB-1_(0-2)	Total/NA	Solid	3546	
460-314754-7	SB-1_(3-5)	Total/NA	Solid	3546	
460-314754-8	SB-4_(0-2)	Total/NA	Solid	3546	
460-314754-9	SB-4_(3-5)	Total/NA	Solid	3546	
MB 460-1005373/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1005373/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1005373/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
200-75670-C-1-G MS	Matrix Spike	Total/NA	Solid	3546	
200-75670-C-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

GC Semi VOA

Analysis Batch: 1005429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 460-1005373/1-A	Method Blank	Total/NA	Solid	8081B	1005373
LCS 460-1005373/2-A	Lab Control Sample	Total/NA	Solid	8081B	1005373
LCSD 460-1005373/3-A	Lab Control Sample Dup	Total/NA	Solid	8081B	1005373
200-75670-C-1-G MS	Matrix Spike	Total/NA	Solid	8081B	1005373
200-75670-C-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8081B	1005373

Analysis Batch: 1005432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	8081B	1005373
460-314754-2	SB-2_(0-2)	Total/NA	Solid	8081B	1005373
460-314754-3	SB-2_(3-5)	Total/NA	Solid	8081B	1005373
460-314754-4	SB-5_(0-2)	Total/NA	Solid	8081B	1005373
460-314754-5	SB-5_(3-5)	Total/NA	Solid	8081B	1005373
460-314754-6	SB-1_(0-2)	Total/NA	Solid	8081B	1005373
460-314754-7	SB-1_(3-5)	Total/NA	Solid	8081B	1005373
460-314754-8	SB-4_(0-2)	Total/NA	Solid	8081B	1005373
460-314754-9	SB-4_(3-5)	Total/NA	Solid	8081B	1005373

Analysis Batch: 1005504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	8082A	1005369
460-314754-2	SB-2_(0-2)	Total/NA	Solid	8082A	1005369
460-314754-3	SB-2_(3-5)	Total/NA	Solid	8082A	1005369
460-314754-4	SB-5_(0-2)	Total/NA	Solid	8082A	1005369
460-314754-5	SB-5_(3-5)	Total/NA	Solid	8082A	1005369
460-314754-6	SB-1_(0-2)	Total/NA	Solid	8082A	1005369
460-314754-7	SB-1_(3-5)	Total/NA	Solid	8082A	1005369
460-314754-8	SB-4_(0-2)	Total/NA	Solid	8082A	1005369
460-314754-9	SB-4_(3-5)	Total/NA	Solid	8082A	1005369
MB 460-1005369/1-A	Method Blank	Total/NA	Solid	8082A	1005369
LCS 460-1005369/2-A	Lab Control Sample	Total/NA	Solid	8082A	1005369
LCSD 460-1005369/3-A	Lab Control Sample Dup	Total/NA	Solid	8082A	1005369
200-75670-C-1-D MS	Matrix Spike	Total/NA	Solid	8082A	1005369
200-75670-C-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8082A	1005369

Metals

Prep Batch: 1005426

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	7471B	
460-314754-2	SB-2_(0-2)	Total/NA	Solid	7471B	
460-314754-3	SB-2_(3-5)	Total/NA	Solid	7471B	
460-314754-4	SB-5_(0-2)	Total/NA	Solid	7471B	
460-314754-5	SB-5_(3-5)	Total/NA	Solid	7471B	
460-314754-6	SB-1_(0-2)	Total/NA	Solid	7471B	
460-314754-7	SB-1_(3-5)	Total/NA	Solid	7471B	
460-314754-8	SB-4_(0-2)	Total/NA	Solid	7471B	
460-314754-9	SB-4_(3-5)	Total/NA	Solid	7471B	
MB 460-1005426/10-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1005426/11-A	Lab Control Sample	Total/NA	Solid	7471B	
460-314684-E-1-K MS	Matrix Spike	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 1005426 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314684-E-1-J DU	Duplicate	Total/NA	Solid	7471B	

Prep Batch: 1005465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	3050B	
460-314754-2	SB-2_(0-2)	Total/NA	Solid	3050B	
460-314754-3	SB-2_(3-5)	Total/NA	Solid	3050B	
460-314754-4	SB-5_(0-2)	Total/NA	Solid	3050B	
460-314754-5	SB-5_(3-5)	Total/NA	Solid	3050B	
460-314754-6	SB-1_(0-2)	Total/NA	Solid	3050B	
460-314754-7	SB-1_(3-5)	Total/NA	Solid	3050B	
460-314754-8	SB-4_(0-2)	Total/NA	Solid	3050B	
460-314754-9	SB-4_(3-5)	Total/NA	Solid	3050B	
MB 460-1005465/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1005465/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-314754-3 MS	SB-2_(3-5)	Total/NA	Solid	3050B	
460-314754-3 DU	SB-2_(3-5)	Total/NA	Solid	3050B	

Analysis Batch: 1005477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	7471B	1005426
460-314754-2	SB-2_(0-2)	Total/NA	Solid	7471B	1005426
460-314754-3	SB-2_(3-5)	Total/NA	Solid	7471B	1005426
460-314754-4	SB-5_(0-2)	Total/NA	Solid	7471B	1005426
460-314754-5	SB-5_(3-5)	Total/NA	Solid	7471B	1005426
460-314754-6	SB-1_(0-2)	Total/NA	Solid	7471B	1005426
460-314754-7	SB-1_(3-5)	Total/NA	Solid	7471B	1005426
460-314754-8	SB-4_(0-2)	Total/NA	Solid	7471B	1005426
460-314754-9	SB-4_(3-5)	Total/NA	Solid	7471B	1005426
MB 460-1005426/10-A	Method Blank	Total/NA	Solid	7471B	1005426
LCSSRM 460-1005426/11-A	Lab Control Sample	Total/NA	Solid	7471B	1005426
460-314684-E-1-K MS	Matrix Spike	Total/NA	Solid	7471B	1005426
460-314684-E-1-J DU	Duplicate	Total/NA	Solid	7471B	1005426

Analysis Batch: 1005565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	6020B	1005465
460-314754-2	SB-2_(0-2)	Total/NA	Solid	6020B	1005465
460-314754-3	SB-2_(3-5)	Total/NA	Solid	6020B	1005465
460-314754-4	SB-5_(0-2)	Total/NA	Solid	6020B	1005465
460-314754-5	SB-5_(3-5)	Total/NA	Solid	6020B	1005465
460-314754-6	SB-1_(0-2)	Total/NA	Solid	6020B	1005465
460-314754-7	SB-1_(3-5)	Total/NA	Solid	6020B	1005465
460-314754-8	SB-4_(0-2)	Total/NA	Solid	6020B	1005465
460-314754-9	SB-4_(3-5)	Total/NA	Solid	6020B	1005465
MB 460-1005465/1-A	Method Blank	Total/NA	Solid	6020B	1005465
LCSSRM 460-1005465/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1005465
460-314754-3 MS	SB-2_(3-5)	Total/NA	Solid	6020B	1005465
460-314754-3 DU	SB-2_(3-5)	Total/NA	Solid	6020B	1005465

Metals

Prep Batch: 1006053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	3050B	
460-314754-2	SB-2_(0-2)	Total/NA	Solid	3050B	
460-314754-3	SB-2_(3-5)	Total/NA	Solid	3050B	
460-314754-4	SB-5_(0-2)	Total/NA	Solid	3050B	
460-314754-5	SB-5_(3-5)	Total/NA	Solid	3050B	
460-314754-6	SB-1_(0-2)	Total/NA	Solid	3050B	
460-314754-7	SB-1_(3-5)	Total/NA	Solid	3050B	
460-314754-8	SB-4_(0-2)	Total/NA	Solid	3050B	
460-314754-9	SB-4_(3-5)	Total/NA	Solid	3050B	
MB 460-1006053/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1006053/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-314916-G-2-E MS	Matrix Spike	Total/NA	Solid	3050B	
460-314916-G-2-D DU	Duplicate	Total/NA	Solid	3050B	

Analysis Batch: 1006324

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	6020B	1006053
460-314754-2	SB-2_(0-2)	Total/NA	Solid	6020B	1006053
460-314754-3	SB-2_(3-5)	Total/NA	Solid	6020B	1006053
460-314754-4	SB-5_(0-2)	Total/NA	Solid	6020B	1006053
460-314754-5	SB-5_(3-5)	Total/NA	Solid	6020B	1006053
460-314754-6	SB-1_(0-2)	Total/NA	Solid	6020B	1006053
460-314754-7	SB-1_(3-5)	Total/NA	Solid	6020B	1006053
460-314754-8	SB-4_(0-2)	Total/NA	Solid	6020B	1006053
460-314754-9	SB-4_(3-5)	Total/NA	Solid	6020B	1006053
MB 460-1006053/1-A	Method Blank	Total/NA	Solid	6020B	1006053
LCSSRM 460-1006053/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1006053
460-314916-G-2-E MS	Matrix Spike	Total/NA	Solid	6020B	1006053
460-314916-G-2-D DU	Duplicate	Total/NA	Solid	6020B	1006053

General Chemistry

Analysis Batch: 1005380

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	Moisture	
460-314754-2	SB-2_(0-2)	Total/NA	Solid	Moisture	
460-314754-3	SB-2_(3-5)	Total/NA	Solid	Moisture	
460-314754-4	SB-5_(0-2)	Total/NA	Solid	Moisture	
460-314754-5	SB-5_(3-5)	Total/NA	Solid	Moisture	
460-314754-6	SB-1_(0-2)	Total/NA	Solid	Moisture	
460-314754-7	SB-1_(3-5)	Total/NA	Solid	Moisture	
460-314754-8	SB-4_(0-2)	Total/NA	Solid	Moisture	
460-314754-9	SB-4_(3-5)	Total/NA	Solid	Moisture	
460-314745-A-1 DU	Duplicate	Total/NA	Solid	Moisture	

Prep Batch: 1005715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	9012B	
460-314754-2	SB-2_(0-2)	Total/NA	Solid	9012B	
460-314754-3	SB-2_(3-5)	Total/NA	Solid	9012B	
460-314754-4	SB-5_(0-2)	Total/NA	Solid	9012B	

General Chemistry (Continued)

Prep Batch: 1005715 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-5	SB-5_(3-5)	Total/NA	Solid	9012B	
460-314754-6	SB-1_(0-2)	Total/NA	Solid	9012B	
460-314754-7	SB-1_(3-5)	Total/NA	Solid	9012B	
460-314754-8	SB-4_(0-2)	Total/NA	Solid	9012B	
460-314754-9	SB-4_(3-5)	Total/NA	Solid	9012B	
MB 460-1005715/1-A	Method Blank	Total/NA	Solid	9012B	
LCSSRM 460-1005715/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	
460-314754-1 MS	SB-3_(0-2)	Total/NA	Solid	9012B	
460-314754-1 MSD	SB-3_(0-2)	Total/NA	Solid	9012B	

Prep Batch: 1005729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	3060A	
460-314754-2	SB-2_(0-2)	Total/NA	Solid	3060A	
460-314754-3	SB-2_(3-5)	Total/NA	Solid	3060A	
460-314754-4	SB-5_(0-2)	Total/NA	Solid	3060A	
460-314754-5	SB-5_(3-5)	Total/NA	Solid	3060A	
460-314754-6	SB-1_(0-2)	Total/NA	Solid	3060A	
460-314754-7	SB-1_(3-5)	Total/NA	Solid	3060A	
460-314754-8	SB-4_(0-2)	Total/NA	Solid	3060A	
460-314754-9	SB-4_(3-5)	Total/NA	Solid	3060A	
MB 460-1005729/1-A	Method Blank	Total/NA	Solid	3060A	
LCSI 460-1005729/3-A	Lab Control Sample	Total/NA	Solid	3060A	
LCSSRM 460-1005729/2-A	Lab Control Sample	Total/NA	Solid	3060A	
460-314575-B-5-E MSS	Matrix Spike	Total/NA	Solid	3060A	
460-314575-B-5-F MSI	Matrix Spike	Total/NA	Solid	3060A	
460-314575-B-5-D DU	Duplicate	Total/NA	Solid	3060A	

Analysis Batch: 1005748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	7196A	1005729
460-314754-2	SB-2_(0-2)	Total/NA	Solid	7196A	1005729
460-314754-3	SB-2_(3-5)	Total/NA	Solid	7196A	1005729
460-314754-4	SB-5_(0-2)	Total/NA	Solid	7196A	1005729
460-314754-5	SB-5_(3-5)	Total/NA	Solid	7196A	1005729
460-314754-6	SB-1_(0-2)	Total/NA	Solid	7196A	1005729
460-314754-7	SB-1_(3-5)	Total/NA	Solid	7196A	1005729
460-314754-8	SB-4_(0-2)	Total/NA	Solid	7196A	1005729
460-314754-9	SB-4_(3-5)	Total/NA	Solid	7196A	1005729
MB 460-1005729/1-A	Method Blank	Total/NA	Solid	7196A	1005729
LCSI 460-1005729/3-A	Lab Control Sample	Total/NA	Solid	7196A	1005729
LCSSRM 460-1005729/2-A	Lab Control Sample	Total/NA	Solid	7196A	1005729
460-314575-B-5-E MSS	Matrix Spike	Total/NA	Solid	7196A	1005729
460-314575-B-5-F MSI	Matrix Spike	Total/NA	Solid	7196A	1005729
460-314575-B-5-D DU	Duplicate	Total/NA	Solid	7196A	1005729

Prep Batch: 1005939

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MRL 460-1005939/11-A	Lab Control Sample	Total/NA	Solid	9012B	

General Chemistry

Analysis Batch: 1005986

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-314754-1	SB-3_(0-2)	Total/NA	Solid	9012B	1005715
460-314754-2	SB-2_(0-2)	Total/NA	Solid	9012B	1005715
460-314754-3	SB-2_(3-5)	Total/NA	Solid	9012B	1005715
460-314754-4	SB-5_(0-2)	Total/NA	Solid	9012B	1005715
460-314754-5	SB-5_(3-5)	Total/NA	Solid	9012B	1005715
460-314754-6	SB-1_(0-2)	Total/NA	Solid	9012B	1005715
460-314754-7	SB-1_(3-5)	Total/NA	Solid	9012B	1005715
460-314754-8	SB-4_(0-2)	Total/NA	Solid	9012B	1005715
460-314754-9	SB-4_(3-5)	Total/NA	Solid	9012B	1005715
MB 460-1005715/1-A	Method Blank	Total/NA	Solid	9012B	1005715
LCSSRM 460-1005715/2-A ^	Lab Control Sample	Total/NA	Solid	9012B	1005715
MRL 460-1005939/11-A	Lab Control Sample	Total/NA	Solid	9012B	1005939
460-314754-1 MS	SB-3_(0-2)	Total/NA	Solid	9012B	1005715
460-314754-1 MSD	SB-3_(0-2)	Total/NA	Solid	9012B	1005715

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-314754-1

Client Sample ID: SB-3_(0-2)
Date Collected: 11/04/24 08:10
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1005380	CJC	EET EDI	11/05/24 17:41

Client Sample ID: SB-3_(0-2)
Date Collected: 11/04/24 08:10
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-1
Matrix: Solid
Percent Solids: 99.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1005330	MXW	EET EDI	11/05/24 11:28
Total/NA	Analysis	8260D		1	1005370	MZS	EET EDI	11/05/24 23:27
Total/NA	Prep	3546			1005549	OTS	EET EDI	11/06/24 13:34
Total/NA	Analysis	8270E		1	1005640	MME	EET EDI	11/07/24 05:55
Total/NA	Prep	3546	DL		1005549	OTS	EET EDI	11/06/24 13:34
Total/NA	Analysis	8270E	DL	2	1005640	MME	EET EDI	11/07/24 07:28
Total/NA	Prep	3546			1005373	ARA	EET EDI	11/05/24 16:34
Total/NA	Analysis	8081B		1	1005432	FAM	EET EDI	11/06/24 07:00
Total/NA	Prep	3546			1005369	ARA	EET EDI	11/05/24 16:31
Total/NA	Analysis	8082A		1	1005504	AAA	EET EDI	11/06/24 13:08
Total/NA	Prep	3050B			1005465	FBT	EET EDI	11/06/24 07:18
Total/NA	Analysis	6020B		1	1005565	JKF	EET EDI	11/06/24 18:53
Total/NA	Prep	3050B			1006053	GAE	EET EDI	11/08/24 21:30
Total/NA	Analysis	6020B		1	1006324	JKF	EET EDI	11/11/24 12:08
Total/NA	Prep	7471B			1005426	TJS	EET EDI	11/06/24 00:44
Total/NA	Analysis	7471B		1	1005477	TJS	EET EDI	11/06/24 04:27
Total/NA	Prep	3060A			1005729	MNP	EET EDI	11/07/24 10:00 - 11/07/24 11:00 [1]
Total/NA	Analysis	7196A		1	1005748	MNP	EET EDI	11/07/24 14:00
Total/NA	Prep	9012B			1005715	SBW	EET EDI	11/07/24 07:36
Total/NA	Analysis	9012B		1	1005986	AXP	EET EDI	11/08/24 10:09

Client Sample ID: SB-2_(0-2)
Date Collected: 11/04/24 09:35
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1005380	CJC	EET EDI	11/05/24 17:41

Client Sample ID: SB-2_(0-2)
Date Collected: 11/04/24 09:35
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-2
Matrix: Solid
Percent Solids: 98.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1005330	MXW	EET EDI	11/05/24 11:29
Total/NA	Analysis	8260D		1	1005370	MZS	EET EDI	11/05/24 23:52
Total/NA	Prep	3546			1005549	OTS	EET EDI	11/06/24 13:34
Total/NA	Analysis	8270E		1	1005640	MME	EET EDI	11/07/24 06:18

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-314754-1

Client Sample ID: SB-2_(0-2)

Date Collected: 11/04/24 09:35
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-2

Matrix: Solid
Percent Solids: 98.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1005373	ARA	EET EDI	11/05/24 16:34
Total/NA	Analysis	8081B		1	1005432	FAM	EET EDI	11/06/24 07:13
Total/NA	Prep	3546			1005369	ARA	EET EDI	11/05/24 16:31
Total/NA	Analysis	8082A		1	1005504	AAA	EET EDI	11/06/24 13:25
Total/NA	Prep	3050B			1005465	FBT	EET EDI	11/06/24 07:18
Total/NA	Analysis	6020B		1	1005565	JKF	EET EDI	11/06/24 18:55
Total/NA	Prep	3050B			1006053	GAE	EET EDI	11/08/24 21:30
Total/NA	Analysis	6020B		1	1006324	JKF	EET EDI	11/11/24 12:11
Total/NA	Prep	7471B			1005426	TJS	EET EDI	11/06/24 00:44
Total/NA	Analysis	7471B		1	1005477	TJS	EET EDI	11/06/24 04:28
Total/NA	Prep	3060A			1005729	MNP	EET EDI	11/07/24 10:00 - 11/07/24 11:00 [1]
Total/NA	Analysis	7196A		1	1005748	MNP	EET EDI	11/07/24 14:00
Total/NA	Prep	9012B			1005715	SBW	EET EDI	11/07/24 07:36
Total/NA	Analysis	9012B		1	1005986	AXP	EET EDI	11/08/24 10:12

Client Sample ID: SB-2_(3-5)

Date Collected: 11/04/24 09:55
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1005380	CJC	EET EDI	11/05/24 17:41

Client Sample ID: SB-2_(3-5)

Date Collected: 11/04/24 09:55
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-3

Matrix: Solid
Percent Solids: 98.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1005330	MXW	EET EDI	11/05/24 11:30
Total/NA	Analysis	8260D		1	1005370	MZS	EET EDI	11/06/24 00:18
Total/NA	Prep	3546			1005549	OTS	EET EDI	11/06/24 13:34
Total/NA	Analysis	8270E		1	1005640	MME	EET EDI	11/07/24 06:41
Total/NA	Prep	3546			1005373	ARA	EET EDI	11/05/24 16:34
Total/NA	Analysis	8081B		1	1005432	FAM	EET EDI	11/06/24 07:26
Total/NA	Prep	3546			1005369	ARA	EET EDI	11/05/24 16:31
Total/NA	Analysis	8082A		1	1005504	AAA	EET EDI	11/06/24 18:58
Total/NA	Prep	3050B			1005465	FBT	EET EDI	11/06/24 07:18
Total/NA	Analysis	6020B		1	1005565	JKF	EET EDI	11/06/24 18:09
Total/NA	Prep	3050B			1006053	GAE	EET EDI	11/08/24 21:30
Total/NA	Analysis	6020B		1	1006324	JKF	EET EDI	11/11/24 12:13
Total/NA	Prep	7471B			1005426	TJS	EET EDI	11/06/24 00:44
Total/NA	Analysis	7471B		1	1005477	TJS	EET EDI	11/06/24 04:30
Total/NA	Prep	3060A			1005729	MNP	EET EDI	11/07/24 10:00 - 11/07/24 11:00 [1]
Total/NA	Analysis	7196A		1	1005748	MNP	EET EDI	11/07/24 14:00
Total/NA	Prep	9012B			1005715	SBW	EET EDI	11/07/24 07:36
Total/NA	Analysis	9012B		1	1005986	AXP	EET EDI	11/08/24 10:12

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-314754-1

Client Sample ID: SB-5_(0-2)
Date Collected: 11/04/24 12:00
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1005380	CJC	EET EDI	11/05/24 17:41

Client Sample ID: SB-5_(0-2)
Date Collected: 11/04/24 12:00
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-4
Matrix: Solid
Percent Solids: 99.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1005330	MXW	EET EDI	11/05/24 11:31
Total/NA	Analysis	8260D		1	1005370	MZS	EET EDI	11/06/24 00:43
Total/NA	Prep	3546			1005549	OTS	EET EDI	11/06/24 13:34
Total/NA	Analysis	8270E		1	1005640	MME	EET EDI	11/07/24 05:32
Total/NA	Prep	3546			1005373	ARA	EET EDI	11/05/24 16:34
Total/NA	Analysis	8081B		1	1005432	FAM	EET EDI	11/06/24 07:39
Total/NA	Prep	3546			1005369	ARA	EET EDI	11/05/24 16:31
Total/NA	Analysis	8082A		1	1005504	AAA	EET EDI	11/06/24 13:58
Total/NA	Prep	3050B			1005465	FBT	EET EDI	11/06/24 07:18
Total/NA	Analysis	6020B		1	1005565	JKF	EET EDI	11/06/24 18:58
Total/NA	Prep	3050B			1006053	GAE	EET EDI	11/08/24 21:30
Total/NA	Analysis	6020B		1	1006324	JKF	EET EDI	11/11/24 12:16
Total/NA	Prep	7471B			1005426	TJS	EET EDI	11/06/24 00:44
Total/NA	Analysis	7471B		1	1005477	TJS	EET EDI	11/06/24 04:32
Total/NA	Prep	3060A			1005729	MNP	EET EDI	11/07/24 10:00 - 11/07/24 11:00 [1]
Total/NA	Analysis	7196A		1	1005748	MNP	EET EDI	11/07/24 14:00
Total/NA	Prep	9012B			1005715	SBW	EET EDI	11/07/24 07:36
Total/NA	Analysis	9012B		1	1005986	AXP	EET EDI	11/08/24 10:13

Client Sample ID: SB-5_(3-5)
Date Collected: 11/04/24 11:10
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1005380	CJC	EET EDI	11/05/24 17:41

Client Sample ID: SB-5_(3-5)
Date Collected: 11/04/24 11:10
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-5
Matrix: Solid
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1005330	MXW	EET EDI	11/05/24 11:32
Total/NA	Analysis	8260D		1	1005370	MZS	EET EDI	11/06/24 01:08
Total/NA	Prep	3546			1005549	OTS	EET EDI	11/06/24 13:34
Total/NA	Analysis	8270E		1	1005640	MME	EET EDI	11/07/24 03:35
Total/NA	Prep	3546	DL		1005549	OTS	EET EDI	11/06/24 13:34
Total/NA	Analysis	8270E	DL	2	1005640	MME	EET EDI	11/07/24 07:05

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-314754-1

Client Sample ID: SB-5_(3-5)

Date Collected: 11/04/24 11:10
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-5

Matrix: Solid
Percent Solids: 98.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1005373	ARA	EET EDI	11/05/24 16:34
Total/NA	Analysis	8081B		1	1005432	FAM	EET EDI	11/06/24 07:52
Total/NA	Prep	3546			1005369	ARA	EET EDI	11/05/24 16:31
Total/NA	Analysis	8082A		1	1005504	AAA	EET EDI	11/06/24 14:15
Total/NA	Prep	3050B			1005465	FBT	EET EDI	11/06/24 07:18
Total/NA	Analysis	6020B		1	1005565	JKF	EET EDI	11/06/24 19:00
Total/NA	Prep	3050B			1006053	GAE	EET EDI	11/08/24 21:30
Total/NA	Analysis	6020B		1	1006324	JKF	EET EDI	11/11/24 12:18
Total/NA	Prep	7471B			1005426	TJS	EET EDI	11/06/24 00:44
Total/NA	Analysis	7471B		1	1005477	TJS	EET EDI	11/06/24 04:34
Total/NA	Prep	3060A			1005729	MNP	EET EDI	11/07/24 10:00 - 11/07/24 11:00 [1]
Total/NA	Analysis	7196A		1	1005748	MNP	EET EDI	11/07/24 14:00
Total/NA	Prep	9012B			1005715	SBW	EET EDI	11/07/24 07:36
Total/NA	Analysis	9012B		1	1005986	AXP	EET EDI	11/08/24 10:14

Client Sample ID: SB-1_(0-2)

Date Collected: 11/04/24 12:10
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1005380	CJC	EET EDI	11/05/24 17:41

Client Sample ID: SB-1_(0-2)

Date Collected: 11/04/24 12:10
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-6

Matrix: Solid
Percent Solids: 98.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1005330	MXW	EET EDI	11/05/24 11:33
Total/NA	Analysis	8260D		1	1005370	MZS	EET EDI	11/06/24 01:33
Total/NA	Prep	3546			1005549	OTS	EET EDI	11/06/24 13:34
Total/NA	Analysis	8270E		1	1005640	MME	EET EDI	11/07/24 03:59
Total/NA	Prep	3546			1005373	ARA	EET EDI	11/05/24 16:34
Total/NA	Analysis	8081B		1	1005432	FAM	EET EDI	11/06/24 08:05
Total/NA	Prep	3546			1005369	ARA	EET EDI	11/05/24 16:31
Total/NA	Analysis	8082A		1	1005504	AAA	EET EDI	11/06/24 14:31
Total/NA	Prep	3050B			1005465	FBT	EET EDI	11/06/24 07:18
Total/NA	Analysis	6020B		1	1005565	JKF	EET EDI	11/06/24 19:03
Total/NA	Prep	3050B			1006053	GAE	EET EDI	11/08/24 21:30
Total/NA	Analysis	6020B		1	1006324	JKF	EET EDI	11/11/24 12:21
Total/NA	Prep	7471B			1005426	TJS	EET EDI	11/06/24 00:44
Total/NA	Analysis	7471B		1	1005477	TJS	EET EDI	11/06/24 04:36
Total/NA	Prep	3060A			1005729	MNP	EET EDI	11/07/24 10:00 - 11/07/24 11:00 [1]
Total/NA	Analysis	7196A		1	1005748	MNP	EET EDI	11/07/24 14:00
Total/NA	Prep	9012B			1005715	SBW	EET EDI	11/07/24 07:36
Total/NA	Analysis	9012B		1	1005986	AXP	EET EDI	11/08/24 10:15

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-314754-1

Client Sample ID: SB-1_(3-5)
Date Collected: 11/04/24 12:25
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1005380	CJC	EET EDI	11/05/24 17:41

Client Sample ID: SB-1_(3-5)
Date Collected: 11/04/24 12:25
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-7
Matrix: Solid
Percent Solids: 98.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1005330	MXW	EET EDI	11/05/24 11:34
Total/NA	Analysis	8260D		1	1005370	MZS	EET EDI	11/06/24 01:58
Total/NA	Prep	3546			1005549	OTS	EET EDI	11/06/24 13:34
Total/NA	Analysis	8270E		1	1005640	MME	EET EDI	11/07/24 01:39
Total/NA	Prep	3546			1005373	ARA	EET EDI	11/05/24 16:34
Total/NA	Analysis	8081B		1	1005432	FAM	EET EDI	11/06/24 08:18
Total/NA	Prep	3546			1005369	ARA	EET EDI	11/05/24 16:31
Total/NA	Analysis	8082A		1	1005504	AAA	EET EDI	11/06/24 14:48
Total/NA	Prep	3050B			1005465	FBT	EET EDI	11/06/24 07:18
Total/NA	Analysis	6020B		1	1005565	JKF	EET EDI	11/06/24 19:05
Total/NA	Prep	3050B			1006053	GAE	EET EDI	11/08/24 21:30
Total/NA	Analysis	6020B		1	1006324	JKF	EET EDI	11/11/24 12:23
Total/NA	Prep	7471B			1005426	TJS	EET EDI	11/06/24 00:44
Total/NA	Analysis	7471B		1	1005477	TJS	EET EDI	11/06/24 04:37
Total/NA	Prep	3060A			1005729	MNP	EET EDI	11/07/24 10:00 - 11/07/24 11:00 [1]
Total/NA	Analysis	7196A		1	1005748	MNP	EET EDI	11/07/24 14:00
Total/NA	Prep	9012B			1005715	SBW	EET EDI	11/07/24 07:36
Total/NA	Analysis	9012B		1	1005986	AXP	EET EDI	11/08/24 10:20

Client Sample ID: SB-4_(0-2)
Date Collected: 11/04/24 13:20
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1005380	CJC	EET EDI	11/05/24 17:41

Client Sample ID: SB-4_(0-2)
Date Collected: 11/04/24 13:20
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-8
Matrix: Solid
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1005330	MXW	EET EDI	11/05/24 11:35
Total/NA	Analysis	8260D		1	1005370	MZS	EET EDI	11/06/24 02:23
Total/NA	Prep	3546			1005549	OTS	EET EDI	11/06/24 13:34
Total/NA	Analysis	8270E		1	1005640	MME	EET EDI	11/07/24 04:22
Total/NA	Prep	3546			1005373	ARA	EET EDI	11/05/24 16:34
Total/NA	Analysis	8081B		1	1005432	FAM	EET EDI	11/06/24 08:31

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-314754-1

Client Sample ID: SB-4_(0-2)

Date Collected: 11/04/24 13:20
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-8

Matrix: Solid
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			1005369	ARA	EET EDI	11/05/24 16:31
Total/NA	Analysis	8082A		1	1005504	AAA	EET EDI	11/06/24 15:05
Total/NA	Prep	3050B			1005465	FBT	EET EDI	11/06/24 07:18
Total/NA	Analysis	6020B		1	1005565	JKF	EET EDI	11/06/24 19:08
Total/NA	Prep	3050B			1006053	GAE	EET EDI	11/08/24 21:30
Total/NA	Analysis	6020B		1	1006324	JKF	EET EDI	11/11/24 12:26
Total/NA	Prep	7471B			1005426	TJS	EET EDI	11/06/24 00:44
Total/NA	Analysis	7471B		1	1005477	TJS	EET EDI	11/06/24 04:39
Total/NA	Prep	3060A			1005729	MNP	EET EDI	11/07/24 10:00 - 11/07/24 11:00 [1]
Total/NA	Analysis	7196A		1	1005748	MNP	EET EDI	11/07/24 14:00
Total/NA	Prep	9012B			1005715	SBW	EET EDI	11/07/24 07:36
Total/NA	Analysis	9012B		1	1005986	AXP	EET EDI	11/08/24 10:21

Client Sample ID: SB-4_(3-5)

Date Collected: 11/04/24 13:35
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1005380	CJC	EET EDI	11/05/24 17:41

Client Sample ID: SB-4_(3-5)

Date Collected: 11/04/24 13:35
Date Received: 11/05/24 10:19

Lab Sample ID: 460-314754-9

Matrix: Solid
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1005330	MXW	EET EDI	11/05/24 11:36
Total/NA	Analysis	8260D		1	1005370	MZS	EET EDI	11/06/24 02:47
Total/NA	Prep	3546			1005549	OTS	EET EDI	11/06/24 13:34
Total/NA	Analysis	8270E		1	1005640	MME	EET EDI	11/07/24 02:02
Total/NA	Prep	3546			1005373	ARA	EET EDI	11/05/24 16:34
Total/NA	Analysis	8081B		1	1005432	FAM	EET EDI	11/06/24 08:44
Total/NA	Prep	3546			1005369	ARA	EET EDI	11/05/24 16:31
Total/NA	Analysis	8082A		1	1005504	AAA	EET EDI	11/06/24 15:21
Total/NA	Prep	3050B			1005465	FBT	EET EDI	11/06/24 07:18
Total/NA	Analysis	6020B		1	1005565	JKF	EET EDI	11/06/24 19:10
Total/NA	Prep	3050B			1006053	GAE	EET EDI	11/08/24 21:30
Total/NA	Analysis	6020B		1	1006324	JKF	EET EDI	11/11/24 12:28
Total/NA	Prep	7471B			1005426	TJS	EET EDI	11/06/24 00:44
Total/NA	Analysis	7471B		1	1005477	TJS	EET EDI	11/06/24 04:41
Total/NA	Prep	3060A			1005729	MNP	EET EDI	11/07/24 10:00 - 11/07/24 11:00 [1]
Total/NA	Analysis	7196A		1	1005748	MNP	EET EDI	11/07/24 14:00
Total/NA	Prep	9012B			1005715	SBW	EET EDI	11/07/24 07:36
Total/NA	Analysis	9012B		1	1005986	AXP	EET EDI	11/08/24 10:21

[1] This procedure uses a method stipulated length of time for the process. Both start and end times are displayed.

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8081B	Organochlorine Pesticides (GC)	SW846	EET EDI
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
7196A	Chromium, Hexavalent	SW846	EET EDI
9012B	Cyanide, Total andor Amenable	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3060A	Alkaline Digestion (Chromium, Hexavalent)	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI
9012B	Cyanide, Total and/or Amenable, Distillation	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-314754-1
Project/Site: 35-30 Steinway St, Astoria

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-314754-1	SB-3_(0-2)	Solid	11/04/24 08:10	11/05/24 10:19
460-314754-2	SB-2_(0-2)	Solid	11/04/24 09:35	11/05/24 10:19
460-314754-3	SB-2_(3-5)	Solid	11/04/24 09:55	11/05/24 10:19
460-314754-4	SB-5_(0-2)	Solid	11/04/24 12:00	11/05/24 10:19
460-314754-5	SB-5_(3-5)	Solid	11/04/24 11:10	11/05/24 10:19
460-314754-6	SB-1_(0-2)	Solid	11/04/24 12:10	11/05/24 10:19
460-314754-7	SB-1_(3-5)	Solid	11/04/24 12:25	11/05/24 10:19
460-314754-8	SB-4_(0-2)	Solid	11/04/24 13:20	11/05/24 10:19
460-314754-9	SB-4_(3-5)	Solid	11/04/24 13:35	11/05/24 10:19

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

eurofins

Client Information	Sampler: M Tanner	Lab PM: Flannery Elizabeth J	Carrier Tracking No(s):	COC No: 460-187860-123007 1
Client Contact: Jack Rusk	Phone: 516 998 6296	E-Mail: Elizabeth.Flannery@et.eurofinsus.com	State of Origin: NY	Page: Page 1 of 1
Company: Roux Environmental Eng & Geology DPC	PWSID:			Job #: 317754
Address: 209 Shafter St	Due Date Requested:			
City: Islandia	TAT Requested (days): Standard			
State, Zip: NY 11749	Compliance Project: Δ Yes Δ No			
Phone: 845 905 6286	PO #: 4806.0001Y000			
Email: jrusk@rouxinc.com	WO #:			
Project Name: 35-30 Steinway St, Astoria	Project #: 46044959			
Site: 35 30 Steinway St Astoria	SSOW#:			

460-314754 Chain of Custody

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D TCL/Part 375 VOCs	6020B-TAL Metals, 7196A- Hex Chrome, 7471B- Mercury, 9012B- Total CN	8081B- TCL/Part 375 Pesticides, 8082A- PCBs, 8270E TCL/Part 375 SVOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N	N		
SB-3_(0-2)	11/4	0810	G	Solid	N	N	X	X	X	5	1
SB-2_(0-2)	11/4	0935	G	Solid	N	N	X	X	X	5	2
SB-2_(3-5)	11/4	0955	G	Solid	N	N	X	X	X	5	3
SB-5_(0-2)	11/4	1100	G	Solid	N	N	X	X	X	5	4
SB-5_(3-5)	11/4	1110	G	Solid	N	N	X	X	X	5	5
SB-1_(0-2)	11/4	1210	G	Solid	N	N	X	X	X	5	6
SB-1_(3-5)	11/4	1215	G	Solid	N	N	X	X	X	5	7
SB-4_(0-2)	11/4	1320	G	Solid	N	N	X	X	X	5	8
SB-4_(3-5)	11/4	1335	G	Solid	N	N	X	X	X	5	9
				Solid							

SHORT HOLD

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II III IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time: 11/4/2024 1420	Company: Roux	Received by:	Date/Time: 11/4/24 1512	Company:
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 11-4-24 15:30	Company: ET
Relinquished by:	Date/Time: 11-4-24 19:00	Company: ET	Received by:	Date/Time: 11/4/24 1900	Company:

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: NO/OS FR #C 2.5/2.7

Cooler Temperature(s) °C and Other Remarks:

Ver: 05/06/2024

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 31454

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.5 °C	2.7 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below.

Sample No(s). adjusted: _____

Preservative Name/Conc. _____ Volume of Preservative used (ml) _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

EDS-WI-038, Rev 4.1
10/22/2019

Initials: MM Date: 11-4-24

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-314754-1

Login Number: 314754
List Number: 1
Creator: Meyers, Gary

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jack Rusk
Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, New York 11749

Generated 4/28/2025 1:32:13 PM

JOB DESCRIPTION

35-30 Steinway St, Astoria

JOB NUMBER

460-320182-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Compliance Statement

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed within the body of this report. Release of the data contained in this sample data package and in the electronic data deliverable has been authorized by the Laboratory Manager or his/her designee, as verified by the following signature.

Authorization

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4/28/2025 1:32:13 PM

Authorized for release by
Elizabeth Flannery, Project Manager I
Elizabeth.Flannery@et.eurofinsus.com
(732)549-3900

Table of Contents

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	MS or MSD is outside acceptance limits.
*	LCS or LCSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
*	RPD of the LCS and LCSD exceeds the control limits
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
*	Duplicate analysis not within control limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
J	Sample result is greater than the MDL but below the CRDL
N	Spiked sample recovery is not within control limits.
U	Indicates analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: 35-30 Steinway St, Astoria

Report Number: 460-320182-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT
The samples were received on 2/7/2025 9:15 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.7°C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

VOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples SB-2_(5-7) (460-320182-1) and SB-5_(16-18) (460-320182-2) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were prepared on 02/08/2025 and analyzed on 02/13/2025.

The continuing calibration verification (CCV) associated with batch 460-1020981 recovered above the upper control limit for Chloroethane. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

The continuing calibration verification (CCV) analyzed in batch 460-1021012 was outside the method criteria for the following analytes: 1,1,2-Trichloroethane and Trichlorofluoromethane. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1020981 recovered outside control limits for the following analyte: Chloroethane. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

The laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-1021012 recovered outside control limits for the following analyte: 1,2-Dibromo-3-Chloropropane. This analyte was biased low in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

1,2-Dibromo-3-Chloropropane failed the recovery criteria low for LCS 460-1021012/3. 1,2-Dibromo-3-Chloropropane failed the recovery criteria low for LCSD 460-1021012/4. Refer to the QC report for details.

No difficulties were encountered during the Volatiles analysis.

All quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples GW-2_020725 (460-320182-3) and GW-5_020725 (460-320182-4) were analyzed for Volatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8260D. The samples were analyzed on 02/13/2025.

Chloroethane failed the recovery criteria high for LCS 460-1020981/3. Chloroethane failed the recovery criteria high for LCSD 460-1020981/4. Refer to the QC report for details.

No other difficulties were encountered during the Volatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Sample SB-2_(5-7) (460-320182-1) was analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270E. The samples were prepared on 02/10/2025 and analyzed on 02/10/2025 and 02/11/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1020469 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The continuing calibration verification (CCV) analyzed in batch 460-1020610 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) for preparation batch 460-1020420 and analytical batch 460-1020469 recovered outside control limits for the following analytes: 2,4-Dimethylphenol and Hexachlorocyclopentadiene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 460-1020420 and analytical batch 460-1020469 recovered outside control limits for the following analytes: 3-Nitroaniline and 4-Chloroaniline.

2-Fluorobiphenyl, 2-Fluorophenol (Surr), Nitrobenzene-d5 (Surr), Phenol-d5 (Surr) and Terphenyl-d14 (Surr) failed the surrogate recovery criteria low for SB-2_(5-7) (460-320182-1).

2,4-Dimethylphenol and Hexachlorocyclopentadiene failed the recovery criteria high for LCS 460-1020420/2-A. 3-Nitroaniline and 4-Chloroaniline exceeded the RPD limit for LCSD 460-1020420/3-A.

2,4-Dimethylphenol, Atrazine, Benzo[g,h,i]perylene and Hexachlorocyclopentadiene failed the recovery criteria high for the MS of sample 460-320153-24 in batch 460-1020469.

4-Chloroaniline failed the recovery criteria low for the MSD of sample 460-320153-24 in batch 460-1020469. Hexachlorocyclopentadiene failed the recovery criteria high.

Refer to the QC report for details.

Samples SB-2_(5-7) (460-320182-1)[5X] and SB-2_(5-7) (460-320182-1)[50X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)

Samples GW-2_020725 (460-320182-3) and GW-5_020725 (460-320182-4) were analyzed for semivolatile organic compounds (GC/MS) in accordance with EPA SW-846 Method 8270E. The samples were prepared on 02/09/2025 and analyzed on 02/10/2025.

The continuing calibration verification (CCV) analyzed in batch 460-1020417 was outside the method criteria for the following analyte(s): 4-Nitrophenol and Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection

for the affected analyte(s) is considered estimated.

The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1020376 and analytical batch 460-1020417 recovered outside control limits for the following analytes: Atrazine and Benzaldehyde. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Atrazine and Benzaldehyde failed the recovery criteria high for LCS 460-1020376/2-A. Atrazine and Benzaldehyde failed the recovery criteria high for LCSD 460-1020376/3-A. Refer to the QC report for details.

No other difficulties were encountered during the semivolatiles analysis.

All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS - SELECTED ION MODE (SIM) - ISOTOPE DILUTION - 1,4 DIOXANE

Samples GW-2_020725 (460-320182-3) and GW-5_020725 (460-320182-4) were analyzed for semivolatile organic compounds - Selected Ion Mode (SIM) - Isotope Dilution - 1,4 Dioxane in accordance with EPA SW-846 Method 8270E SIM 1,4Dioxane. The samples were prepared on 02/11/2025 and analyzed on 02/12/2025.

No difficulties were encountered during the 1,4 Dioxane analysis.

All quality control parameters were within the acceptance limits.

METALS - TOTAL (ICP/MS)

Sample SB-2_(5-7) (460-320182-1) was analyzed for Metals - Total (ICP/MS) in accordance with EPA SW-846 Method 6020B - Total. The samples were prepared and analyzed on 02/13/2025.

Antimony and Calcium failed the recovery criteria low for the MS of sample 460-320403-3 in batch 460-1021166. Aluminum, Iron and Nickel failed the recovery criteria high.

For the MSD of sample 460-320403-3 in batch 460-1021166, Antimony and Manganese failed the recovery criteria low. Several analytes failed the recovery criteria high. Also, Calcium and Magnesium exceeded the RPD limit.

Barium, Copper and Zinc exceeded the RPD limit for the duplicate of sample 460-320403-3. Refer to the QC report for details.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

METALS - TOTAL (ICP/MS)

Samples GW-2_020725 (460-320182-3) and GW-5_020725 (460-320182-4) were analyzed for Metals - Total (ICP/MS) in accordance with EPA SW-846 Method 6020B - Total. The samples were prepared on 02/12/2025 and analyzed on 02/13/2025.

Copper, Manganese and Nickel failed the recovery criteria low for the MS of sample 460-319956-2 in batch 460-1021166. Selenium failed the recovery criteria high.

Several analytes failed the recovery criteria low for the MSD of sample 460-319956-2 in batch 460-1021166. Calcium and Selenium failed the recovery criteria high.

The presence of the '4' qualifier in the data indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

Samples GW-2_020725 (460-320182-3)[10X] and GW-5_020725 (460-320182-4)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analysis.

All other quality control parameters were within the acceptance limits.

MERCURY

Job ID: 460-320182-1 (Continued) Eurofins Edison

Samples GW-2_020725 (460-320182-3) and GW-5_020725 (460-320182-4) were analyzed for mercury in accordance with EPA SW-846 Methods 7470A. The samples were prepared and analyzed on 02/13/2025.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

MERCURY - TOTAL
Sample SB-2_(5-7) (460-320182-1) was analyzed for Mercury - Total in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 02/11/2025.

No difficulties were encountered during the Hg analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples SB-2_(5-7) (460-320182-1) and SB-5_(16-18) (460-320182-2) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 02/10/2025.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-2_(5-7)
Lab Sample ID: 460-320182-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0096		0.0069	0.0066	mg/Kg	1	☼	8260D	Total/NA
Acenaphthene	0.12	J	1.7	0.048	mg/Kg	5	☼	8270E	Total/NA
Acenaphthylene	0.058	J	1.7	0.049	mg/Kg	5	☼	8270E	Total/NA
Anthracene	0.30	J	1.7	0.052	mg/Kg	5	☼	8270E	Total/NA
Benzo[a]anthracene	1.5		0.17	0.13	mg/Kg	5	☼	8270E	Total/NA
Benzo[a]pyrene	1.5		0.17	0.045	mg/Kg	5	☼	8270E	Total/NA
Benzo[b]fluoranthene	1.9		0.17	0.044	mg/Kg	5	☼	8270E	Total/NA
Benzo[g,h,i]perylene	0.87	J	1.7	0.050	mg/Kg	5	☼	8270E	Total/NA
Benzo[k]fluoranthene	0.75		0.17	0.033	mg/Kg	5	☼	8270E	Total/NA
Carbazole	0.099	J	1.7	0.065	mg/Kg	5	☼	8270E	Total/NA
Chrysene	1.4	J	1.7	0.071	mg/Kg	5	☼	8270E	Total/NA
Dibenz(a,h)anthracene	0.22		0.17	0.073	mg/Kg	5	☼	8270E	Total/NA
Di-n-butyl phthalate	0.37	J	1.7	0.064	mg/Kg	5	☼	8270E	Total/NA
Fluoranthene	2.5		1.7	0.059	mg/Kg	5	☼	8270E	Total/NA
Fluorene	0.092	J	1.7	0.050	mg/Kg	5	☼	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.71		0.17	0.066	mg/Kg	5	☼	8270E	Total/NA
Naphthalene	0.039	J	1.7	0.029	mg/Kg	5	☼	8270E	Total/NA
Phenanthrene	1.1	J	1.7	0.069	mg/Kg	5	☼	8270E	Total/NA
Pyrene	2.2		1.7	0.042	mg/Kg	5	☼	8270E	Total/NA
Bis(2-ethylhexyl) phthalate - DL	320		17	0.90	mg/Kg	50	☼	8270E	Total/NA
Butyl benzyl phthalate - DL	350		17	0.80	mg/Kg	50	☼	8270E	Total/NA
Aluminum	4580		19.0	5.2	mg/Kg	1	☼	6020B	Total/NA
Antimony	0.43	J	0.95	0.14	mg/Kg	1	☼	6020B	Total/NA
Arsenic	4.3		0.95	0.098	mg/Kg	1	☼	6020B	Total/NA
Barium	73.2		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Beryllium	0.19	J	0.38	0.054	mg/Kg	1	☼	6020B	Total/NA
Cadmium	5.0		0.95	0.11	mg/Kg	1	☼	6020B	Total/NA
Calcium	19600		95.2	38.7	mg/Kg	1	☼	6020B	Total/NA
Chromium	20.5		1.9	0.86	mg/Kg	1	☼	6020B	Total/NA
Cobalt	5.5		1.9	0.14	mg/Kg	1	☼	6020B	Total/NA
Copper	50.3		1.9	0.35	mg/Kg	1	☼	6020B	Total/NA
Iron	36900		57.1	19.2	mg/Kg	1	☼	6020B	Total/NA
Lead	109		0.57	0.19	mg/Kg	1	☼	6020B	Total/NA
Magnesium	4010		95.2	9.7	mg/Kg	1	☼	6020B	Total/NA
Manganese	229		3.8	0.38	mg/Kg	1	☼	6020B	Total/NA
Nickel	22.6		1.9	0.45	mg/Kg	1	☼	6020B	Total/NA
Potassium	917		95.2	15.4	mg/Kg	1	☼	6020B	Total/NA
Selenium	0.18	J	1.2	0.12	mg/Kg	1	☼	6020B	Total/NA
Silver	0.17	J	0.38	0.085	mg/Kg	1	☼	6020B	Total/NA
Sodium	440		95.2	43.5	mg/Kg	1	☼	6020B	Total/NA
Thallium	0.062	J	0.38	0.039	mg/Kg	1	☼	6020B	Total/NA
Vanadium	33.3		1.9	0.20	mg/Kg	1	☼	6020B	Total/NA
Zinc	231		7.6	2.9	mg/Kg	1	☼	6020B	Total/NA
Mercury	0.11		0.016	0.0076	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: SB-5_(16-18)
Lab Sample ID: 460-320182-2

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: GW-2_020725 — Lab Sample ID: 460-320182-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.53	J	1.0	0.41	ug/L	1		8270E	Total/NA
Aluminum	216000		40.0	11.7	ug/L	1		6020B	Total Recoverable
Antimony	0.81	J	2.0	0.48	ug/L	1		6020B	Total Recoverable
Arsenic	64.1		2.0	1.2	ug/L	1		6020B	Total Recoverable
Barium	3330		4.0	0.93	ug/L	1		6020B	Total Recoverable
Beryllium	10.4		0.80	0.12	ug/L	1		6020B	Total Recoverable
Cadmium	25.2		2.0	0.38	ug/L	1		6020B	Total Recoverable
Calcium	1770000		5000	317	ug/L	10		6020B	Total Recoverable
Chromium	596		4.0	1.7	ug/L	1		6020B	Total Recoverable
Cobalt	468		4.0	0.41	ug/L	1		6020B	Total Recoverable
Copper	1020		4.0	2.0	ug/L	1		6020B	Total Recoverable
Iron	659000		1200	337	ug/L	10		6020B	Total Recoverable
Lead	578		1.2	0.42	ug/L	1		6020B	Total Recoverable
Magnesium	688000		2000	218	ug/L	10		6020B	Total Recoverable
Manganese	21000		80.0	8.4	ug/L	10		6020B	Total Recoverable
Nickel	775		4.0	1.4	ug/L	1		6020B	Total Recoverable
Potassium	63200		200	83.3	ug/L	1		6020B	Total Recoverable
Selenium	5.4		2.5	0.43	ug/L	1		6020B	Total Recoverable
Silver	2.2		2.0	1.3	ug/L	1		6020B	Total Recoverable
Sodium	183000		500	180	ug/L	1		6020B	Total Recoverable
Thallium	2.6		0.80	0.19	ug/L	1		6020B	Total Recoverable
Vanadium	739		4.0	1.0	ug/L	1		6020B	Total Recoverable
Zinc	1980		16.0	4.2	ug/L	1		6020B	Total Recoverable
Mercury	0.54		0.20	0.091	ug/L	1		7470A	Total/NA

Client Sample ID: GW-5_020725 — Lab Sample ID: 460-320182-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	198000		40.0	11.7	ug/L	1		6020B	Total Recoverable
Antimony	1.2	J	2.0	0.48	ug/L	1		6020B	Total Recoverable
Arsenic	57.8		2.0	1.2	ug/L	1		6020B	Total Recoverable
Barium	2760		4.0	0.93	ug/L	1		6020B	Total Recoverable

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample ID: GW-5_020725 (Continued)
Lab Sample ID: 460-320182-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Beryllium	10.2		0.80	0.12	ug/L	1		6020B	Total Recoverable
Cadmium	6.0		2.0	0.38	ug/L	1		6020B	Total Recoverable
Calcium	1120000		2500	159	ug/L	5		6020B	Total Recoverable
Chromium	982		4.0	1.7	ug/L	1		6020B	Total Recoverable
Cobalt	480		4.0	0.41	ug/L	1		6020B	Total Recoverable
Copper	1100		4.0	2.0	ug/L	1		6020B	Total Recoverable
Iron	730000		600	169	ug/L	5		6020B	Total Recoverable
Lead	346		1.2	0.42	ug/L	1		6020B	Total Recoverable
Magnesium	443000		200	21.8	ug/L	1		6020B	Total Recoverable
Manganese	18200		8.0	0.84	ug/L	1		6020B	Total Recoverable
Nickel	854		4.0	1.4	ug/L	1		6020B	Total Recoverable
Potassium	53400		200	83.3	ug/L	1		6020B	Total Recoverable
Selenium	2.6		2.5	0.43	ug/L	1		6020B	Total Recoverable
Silver	2.1		2.0	1.3	ug/L	1		6020B	Total Recoverable
Sodium	27800		500	180	ug/L	1		6020B	Total Recoverable
Thallium	2.5		0.80	0.19	ug/L	1		6020B	Total Recoverable
Vanadium	709		4.0	1.0	ug/L	1		6020B	Total Recoverable
Zinc	1770		16.0	4.2	ug/L	1		6020B	Total Recoverable
Mercury	0.24		0.20	0.091	ug/L	1		7470A	Total/NA

This Detection Summary does not include radiochemical test results.

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-2_(5-7)
Lab Sample ID: 460-320182-1
Date Collected: 02/07/25 08:00
Matrix: Solid
Date Received: 02/07/25 21:15
Percent Solids: 97.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0011	U	0.0011	0.00027	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,1,2,2-Tetrachloroethane	0.0011	U	0.0011	0.00025	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0011	U	0.0011	0.00035	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,1,2-Trichloroethane	0.0011	U	0.0011	0.00020	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,1-Dichloroethane	0.0011	U	0.0011	0.00024	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,1-Dichloroethene	0.0011	U	0.0011	0.00026	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,2,3-Trichlorobenzene	0.0011	U	0.0011	0.00021	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,2,4-Trichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,2,4-Trimethylbenzene	0.0011	U	0.0011	0.00028	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,2-Dibromo-3-Chloropropane	0.0011	U *	0.0011	0.00053	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,2-Dichlorobenzene	0.0011	U	0.0011	0.00041	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,2-Dichloroethane	0.0011	U	0.0011	0.00034	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,2-Dichloropropane	0.0011	U	0.0011	0.00049	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,3,5-Trimethylbenzene	0.0011	U	0.0011	0.00036	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,3-Dichlorobenzene	0.0011	U	0.0011	0.00042	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
1,4-Dichlorobenzene	0.0011	U	0.0011	0.00026	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
2-Butanone (MEK)	0.0057	U	0.0057	0.00042	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
2-Hexanone	0.0057	U	0.0057	0.0020	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
4-Methyl-2-pentanone (MIBK)	0.0057	U	0.0057	0.0018	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Acetone	**0.0096**		0.0069	0.0066	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Benzene	0.0011	U	0.0011	0.00030	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Bromoform	0.0011	U	0.0011	0.00049	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Bromomethane	0.0023	U	0.0023	0.0011	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Carbon disulfide	0.0011	U	0.0011	0.00031	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Carbon tetrachloride	0.0011	U	0.0011	0.00044	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Chlorobenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Chlorobromomethane	0.0011	U	0.0011	0.00032	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Chlorodibromomethane	0.0011	U	0.0011	0.00022	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Chloroethane	0.0011	U	0.0011	0.00060	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Chloroform	0.0011	U	0.0011	0.0011	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Chloromethane	0.0011	U	0.0011	0.00050	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
cis-1,2-Dichloroethene	0.0011	U	0.0011	0.00041	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
cis-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Cyclohexane	0.0011	U	0.0011	0.00025	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Dichlorobromomethane	0.0011	U	0.0011	0.00030	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Dichlorodifluoromethane	0.0011	U	0.0011	0.00039	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Ethylbenzene	0.0011	U	0.0011	0.00023	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Ethylene Dibromide	0.0011	U	0.0011	0.00021	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Isopropylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Methyl acetate	0.0057	U	0.0057	0.0049	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Methyl tert-butyl ether	0.0011	U	0.0011	0.00059	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Methylcyclohexane	0.0011	U	0.0011	0.00057	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Methylene Chloride	0.0023	U	0.0023	0.0013	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
m-Xylene & p-Xylene	0.0011	U	0.0011	0.00020	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
n-Butylbenzene	0.0011	U	0.0011	0.00034	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
N-Propylbenzene	0.0011	U	0.0011	0.00020	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
o-Xylene	0.0011	U	0.0011	0.00022	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
sec-Butylbenzene	0.0011	U	0.0011	0.00033	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Styrene	0.0011	U	0.0011	0.00032	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-2_(5-7)
Lab Sample ID: 460-320182-1
Date Collected: 02/07/25 08:00
Matrix: Solid
Date Received: 02/07/25 21:15
Percent Solids: 97.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0011	U	0.0011	0.00032	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Tetrachloroethene	0.0011	U	0.0011	0.00035	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Toluene	0.0011	U	0.0011	0.00027	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
trans-1,2-Dichloroethene	0.0011	U	0.0011	0.00028	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
trans-1,3-Dichloropropene	0.0011	U	0.0011	0.00031	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Trichloroethene	0.0011	U	0.0011	0.00037	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Trichlorofluoromethane	0.0011	U	0.0011	0.00047	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Vinyl chloride	0.0011	U	0.0011	0.00063	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1
Xylenes, Total	0.0023	U	0.0023	0.00020	mg/Kg	☼	02/08/25 16:10	02/13/25 08:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*02/08/25 16:10*	*02/13/25 08:40*	*1*
4-Bromofluorobenzene	*107*		*71 - 128*	*02/08/25 16:10*	*02/13/25 08:40*	*1*
Dibromofluoromethane (Surr)	*94*		*50 - 150*	*02/08/25 16:10*	*02/13/25 08:40*	*1*
Toluene-d8 (Surr)	*89*		*71 - 126*	*02/08/25 16:10*	*02/13/25 08:40*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	1.7	U	1.7	0.059	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
1,2,4,5-Tetrachlorobenzene	1.7	U	1.7	0.053	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
1,4-Dioxane	0.17	U	0.17	0.15	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2,2'-oxybis[1-chloropropane]	1.7	U	1.7	0.10	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2,3,4,6-Tetrachlorophenol	1.7	U	1.7	0.11	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2,4,5-Trichlorophenol	1.7	U	1.7	0.17	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2,4,6-Trichlorophenol	0.68	U	0.68	0.22	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2,4-Dichlorophenol	0.68	U	0.68	0.11	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2,4-Dimethylphenol	1.7	U *	1.7	0.20	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2,4-Dinitrophenol	1.4	U	1.4	0.83	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2,4-Dinitrotoluene	0.34	U	0.34	0.18	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2,6-Dinitrotoluene	0.34	U	0.34	0.12	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2-Chloronaphthalene	1.7	U	1.7	0.078	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2-Chlorophenol	1.7	U	1.7	0.060	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2-Methylnaphthalene	1.7	U	1.7	0.047	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2-Methylphenol	1.7	U	1.7	0.063	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2-Nitroaniline	1.7	U	1.7	0.13	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
2-Nitrophenol	1.7	U	1.7	0.17	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
3 & 4 Methylphenol	1.7	U	1.7	0.11	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
3,3'-Dichlorobenzidine	0.68	U	0.68	0.26	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
3-Nitroaniline	1.7	U *	1.7	0.40	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
4,6-Dinitro-2-methylphenol	1.4	U	1.4	0.69	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
4-Bromophenyl phenyl ether	1.7	U	1.7	0.067	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
4-Chloro-3-methylphenol	1.7	U	1.7	0.095	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
4-Chloroaniline	1.7	U *	1.7	0.30	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
4-Chlorophenyl phenyl ether	1.7	U	1.7	0.060	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
4-Methylphenol	1.7	U	1.7	0.11	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
4-Nitroaniline	1.7	U	1.7	0.19	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
4-Nitrophenol	3.4	U	3.4	0.28	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Acenaphthene	**0.12**	**J**	1.7	0.048	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Acenaphthylene	**0.058**	**J**	1.7	0.049	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Acetophenone	1.7	U	1.7	0.083	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-320182-1

Client Sample ID: SB-2_(5-7)
Date Collected: 02/07/25 08:00
Date Received: 02/07/25 21:15

Lab Sample ID: 460-320182-1
Matrix: Solid
Percent Solids: 97.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Anthracene	**0.30**	**J**	1.7	0.052	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Atrazine	0.68	U	0.68	0.10	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Benzaldehyde	1.7	U	1.7	0.28	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Benzo[a]anthracene	**1.5**		0.17	0.13	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Benzo[a]pyrene	**1.5**		0.17	0.045	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Benzo[b]fluoranthene	**1.9**		0.17	0.044	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Benzo[g,h,i]perylene	**0.87**	**J**	1.7	0.050	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Benzo[k]fluoranthene	**0.75**		0.17	0.033	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Bis(2-chloroethoxy)methane	1.7	U	1.7	0.13	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Bis(2-chloroethyl)ether	0.17	U	0.17	0.059	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Caprolactam	1.7	U	1.7	0.26	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Carbazole	**0.099**	**J**	1.7	0.065	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Chrysene	**1.4**	**J**	1.7	0.071	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Dibenz(a,h)anthracene	**0.22**		0.17	0.073	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Dibenzofuran	1.7	U	1.7	0.057	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Diethyl phthalate	1.7	U	1.7	0.055	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Dimethyl phthalate	1.7	U	1.7	0.39	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Di-n-butyl phthalate	**0.37**	**J**	1.7	0.064	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Di-n-octyl phthalate	1.7	U	1.7	0.090	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Fluoranthene	**2.5**		1.7	0.059	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Fluorene	**0.092**	**J**	1.7	0.050	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Hexachlorobenzene	0.17	U	0.17	0.081	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Hexachlorobutadiene	0.34	U	0.34	0.036	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Hexachlorocyclopentadiene	1.7	U *	1.7	0.15	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Hexachloroethane	0.17	U	0.17	0.058	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Indeno[1,2,3-cd]pyrene	**0.71**		0.17	0.066	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Isophorone	0.68	U	0.68	0.49	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Naphthalene	**0.039**	**J**	1.7	0.029	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Nitrobenzene	0.17	U	0.17	0.094	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
N-Nitrosodi-n-propylamine	0.17	U	0.17	0.12	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
N-Nitrosodiphenylamine	1.7	U	1.7	0.14	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Pentachlorophenol	1.4	U	1.4	0.35	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Phenanthrene	**1.1**	**J**	1.7	0.069	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Phenol	1.7	U	1.7	0.062	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5
Pyrene	**2.2**		1.7	0.042	mg/Kg	☼	02/10/25 06:29	02/10/25 18:31	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*26*		*24 - 137*	*02/10/25 06:29*	*02/10/25 18:31*	*5*
2-Fluorobiphenyl	*27*	*	*38 - 128*	*02/10/25 06:29*	*02/10/25 18:31*	*5*
2-Fluorophenol (Surr)	*24*	*	*31 - 133*	*02/10/25 06:29*	*02/10/25 18:31*	*5*
Nitrobenzene-d5 (Surr)	*24*	*	*31 - 120*	*02/10/25 06:29*	*02/10/25 18:31*	*5*
Phenol-d5 (Surr)	*25*	*	*35 - 132*	*02/10/25 06:29*	*02/10/25 18:31*	*5*
Terphenyl-d14 (Surr)	*28*	*	*44 - 147*	*02/10/25 06:29*	*02/10/25 18:31*	*5*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	**320**		17	0.90	mg/Kg	☼	02/10/25 06:29	02/11/25 17:09	50
Butyl benzyl phthalate	**350**		17	0.80	mg/Kg	☼	02/10/25 06:29	02/11/25 17:09	50

Client Sample ID: SB-2_(5-7)
Lab Sample ID: 460-320182-1

Date Collected: 02/07/25 08:00
Matrix: Solid
Date Received: 02/07/25 21:15
Percent Solids: 97.3

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*0*	*	*24 - 137*	*02/10/25 06:29*	*02/11/25 17:09*	*50*
2-Fluorobiphenyl	*0*	*	*38 - 128*	*02/10/25 06:29*	*02/11/25 17:09*	*50*
2-Fluorophenol (Surr)	*0*	*	*31 - 133*	*02/10/25 06:29*	*02/11/25 17:09*	*50*
Nitrobenzene-d5 (Surr)	*0*	*	*31 - 120*	*02/10/25 06:29*	*02/11/25 17:09*	*50*
Phenol-d5 (Surr)	*0*	*	*35 - 132*	*02/10/25 06:29*	*02/11/25 17:09*	*50*
Terphenyl-d14 (Surr)	*0*	*	*44 - 147*	*02/10/25 06:29*	*02/11/25 17:09*	*50*

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4580		19.0	5.2	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Antimony	0.43	J	0.95	0.14	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Arsenic	4.3		0.95	0.098	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Barium	73.2		1.9	0.14	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Beryllium	0.19	J	0.38	0.054	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Cadmium	5.0		0.95	0.11	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Calcium	19600		95.2	38.7	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Chromium	20.5		1.9	0.86	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Cobalt	5.5		1.9	0.14	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Copper	50.3		1.9	0.35	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Iron	36900		57.1	19.2	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Lead	109		0.57	0.19	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Magnesium	4010		95.2	9.7	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Manganese	229		3.8	0.38	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Nickel	22.6		1.9	0.45	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Potassium	917		95.2	15.4	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Selenium	0.18	J	1.2	0.12	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Silver	0.17	J	0.38	0.085	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Sodium	440		95.2	43.5	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Thallium	0.062	J	0.38	0.039	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Vanadium	33.3		1.9	0.20	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1
Zinc	231		7.6	2.9	mg/Kg	☼	02/13/25 06:15	02/13/25 16:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.11		0.016	0.0076	mg/Kg	☼	02/11/25 01:25	02/11/25 06:40	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.7		1.0	1.0	%			02/10/25 07:53	1
Percent Solids (EPA Moisture)	97.3		1.0	1.0	%			02/10/25 07:53	1

Client Sample ID: SB-5_(16-18)
Lab Sample ID: 460-320182-2

Date Collected: 02/07/25 10:40
Matrix: Solid
Date Received: 02/07/25 21:15
Percent Solids: 99.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0012	U	0.0012	0.00028	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,1,2,2-Tetrachloroethane	0.0012	U	0.0012	0.00025	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0012	U	0.0012	0.00036	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,1,2-Trichloroethane	0.0012	U	0.0012	0.00021	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: SB-5_(16-18)
Lab Sample ID: 460-320182-2
Date Collected: 02/07/25 10:40
Matrix: Solid
Date Received: 02/07/25 21:15
Percent Solids: 99.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	0.0012	U	0.0012	0.00024	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,1-Dichloroethene	0.0012	U	0.0012	0.00027	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,2,3-Trichlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,2,4-Trichlorobenzene	0.0012	U	0.0012	0.00042	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,2,4-Trimethylbenzene	0.0012	U	0.0012	0.00029	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,2-Dibromo-3-Chloropropane	0.0012	U *	0.0012	0.00054	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,2-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,2-Dichloroethane	0.0012	U	0.0012	0.00035	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,2-Dichloropropane	0.0012	U	0.0012	0.00050	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,3,5-Trimethylbenzene	0.0012	U	0.0012	0.00037	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,3-Dichlorobenzene	0.0012	U	0.0012	0.00043	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
1,4-Dichlorobenzene	0.0012	U	0.0012	0.00027	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
2-Butanone (MEK)	0.0059	U	0.0059	0.00044	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
2-Hexanone	0.0059	U	0.0059	0.0020	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
4-Methyl-2-pentanone (MIBK)	0.0059	U	0.0059	0.0018	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Acetone	0.0071	U	0.0071	0.0068	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Benzene	0.0012	U	0.0012	0.00031	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Bromoform	0.0012	U	0.0012	0.00050	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Bromomethane	0.0024	U	0.0024	0.0012	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Carbon disulfide	0.0012	U	0.0012	0.00031	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Carbon tetrachloride	0.0012	U	0.0012	0.00046	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Chlorobenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Chlorobromomethane	0.0012	U	0.0012	0.00033	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Chlorodibromomethane	0.0012	U	0.0012	0.00023	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Chloroethane	0.0012	U	0.0012	0.00062	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Chloroform	0.0012	U	0.0012	0.0011	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Chloromethane	0.0012	U	0.0012	0.00052	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
cis-1,2-Dichloroethene	0.0012	U	0.0012	0.00042	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
cis-1,3-Dichloropropene	0.0012	U	0.0012	0.00032	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Cyclohexane	0.0012	U	0.0012	0.00026	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Dichlorobromomethane	0.0012	U	0.0012	0.00030	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Dichlorodifluoromethane	0.0012	U	0.0012	0.00040	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Ethylbenzene	0.0012	U	0.0012	0.00024	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Ethylene Dibromide	0.0012	U	0.0012	0.00021	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Isopropylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Methyl acetate	0.0059	U	0.0059	0.0051	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Methyl tert-butyl ether	0.0012	U	0.0012	0.00061	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Methylcyclohexane	0.0012	U	0.0012	0.00059	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Methylene Chloride	0.0024	U	0.0024	0.0014	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
m-Xylene & p-Xylene	0.0012	U	0.0012	0.00021	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
n-Butylbenzene	0.0012	U	0.0012	0.00035	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
N-Propylbenzene	0.0012	U	0.0012	0.00021	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
o-Xylene	0.0012	U	0.0012	0.00023	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
sec-Butylbenzene	0.0012	U	0.0012	0.00034	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Styrene	0.0012	U	0.0012	0.00033	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
tert-Butylbenzene	0.0012	U	0.0012	0.00033	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Tetrachloroethene	0.0012	U	0.0012	0.00036	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Toluene	0.0012	U	0.0012	0.00028	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
trans-1,2-Dichloroethene	0.0012	U	0.0012	0.00029	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1

Client Sample ID: SB-5_(16-18)
Lab Sample ID: 460-320182-2
Date Collected: 02/07/25 10:40
Matrix: Solid
Date Received: 02/07/25 21:15
Percent Solids: 99.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,3-Dichloropropene	0.0012	U	0.0012	0.00031	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Trichloroethene	0.0012	U	0.0012	0.00038	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Trichlorofluoromethane	0.0012	U	0.0012	0.00048	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Vinyl chloride	0.0012	U	0.0012	0.00065	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1
Xylenes, Total	0.0024	U	0.0024	0.00021	mg/Kg	☼	02/08/25 16:11	02/13/25 09:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*85*		*65 - 138*	*02/08/25 16:11*	*02/13/25 09:06*	*1*
4-Bromofluorobenzene	*103*		*71 - 128*	*02/08/25 16:11*	*02/13/25 09:06*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*02/08/25 16:11*	*02/13/25 09:06*	*1*
Toluene-d8 (Surr)	*91*		*71 - 126*	*02/08/25 16:11*	*02/13/25 09:06*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0	U	1.0	1.0	%			02/10/25 07:53	1
Percent Solids (EPA Moisture)	**99.8**		1.0	1.0	%			02/10/25 07:53	1

Client Sample ID: GW-2_020725
Lab Sample ID: 460-320182-3
Date Collected: 02/07/25 08:05
Matrix: Water
Date Received: 02/07/25 21:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/13/25 01:12	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/13/25 01:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/13/25 01:12	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/13/25 01:12	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/13/25 01:12	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/13/25 01:12	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/13/25 01:12	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/13/25 01:12	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/13/25 01:12	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/13/25 01:12	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/13/25 01:12	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/13/25 01:12	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/13/25 01:12	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/13/25 01:12	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/13/25 01:12	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/13/25 01:12	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			02/13/25 01:12	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/13/25 01:12	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/13/25 01:12	1
Acetone	5.0	U	5.0	4.4	ug/L			02/13/25 01:12	1
Benzene	1.0	U	1.0	0.20	ug/L			02/13/25 01:12	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/13/25 01:12	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/13/25 01:12	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/13/25 01:12	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/13/25 01:12	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/13/25 01:12	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/13/25 01:12	1

Client Sample ID: GW-2_020725
Lab Sample ID: 460-320182-3
Date Collected: 02/07/25 08:05
Matrix: Water
Date Received: 02/07/25 21:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			02/13/25 01:12	1
Chloroethane	1.0	U *	1.0	0.32	ug/L			02/13/25 01:12	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/13/25 01:12	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/13/25 01:12	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/13/25 01:12	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/13/25 01:12	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/13/25 01:12	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			02/13/25 01:12	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			02/13/25 01:12	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/13/25 01:12	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/13/25 01:12	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/13/25 01:12	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/13/25 01:12	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/13/25 01:12	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/13/25 01:12	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/13/25 01:12	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/13/25 01:12	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/13/25 01:12	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/13/25 01:12	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/13/25 01:12	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/13/25 01:12	1
Styrene	1.0	U	1.0	0.42	ug/L			02/13/25 01:12	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/13/25 01:12	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			02/13/25 01:12	1
Toluene	1.0	U	1.0	0.38	ug/L			02/13/25 01:12	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/13/25 01:12	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/13/25 01:12	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/13/25 01:12	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/13/25 01:12	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/13/25 01:12	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/13/25 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 128*		*02/13/25 01:12*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*02/13/25 01:12*	*1*
Dibromofluoromethane (Surr)	*99*		*77 - 132*		*02/13/25 01:12*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*02/13/25 01:12*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.072	ug/L		02/11/25 09:13	02/12/25 00:21	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*31*		*10 - 150*	*02/11/25 09:13*	*02/12/25 00:21*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		02/09/25 13:22	02/10/25 11:01	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		02/09/25 13:22	02/10/25 11:01	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		02/09/25 13:22	02/10/25 11:01	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		02/09/25 13:22	02/10/25 11:01	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: GW-2_020725
Lab Sample ID: 460-320182-3
Date Collected: 02/07/25 08:05
Matrix: Water
Date Received: 02/07/25 21:15

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		02/09/25 13:22	02/10/25 11:01	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		02/09/25 13:22	02/10/25 11:01	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		02/09/25 13:22	02/10/25 11:01	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		02/09/25 13:22	02/10/25 11:01	1
2,4-Dinitrophenol	40	U	40	11	ug/L		02/09/25 13:22	02/10/25 11:01	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		02/09/25 13:22	02/10/25 11:01	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		02/09/25 13:22	02/10/25 11:01	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		02/09/25 13:22	02/10/25 11:01	1
2-Chlorophenol	10	U	10	0.95	ug/L		02/09/25 13:22	02/10/25 11:01	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		02/09/25 13:22	02/10/25 11:01	1
2-Methylphenol	10	U	10	0.67	ug/L		02/09/25 13:22	02/10/25 11:01	1
2-Nitroaniline	10	U	10	1.2	ug/L		02/09/25 13:22	02/10/25 11:01	1
2-Nitrophenol	10	U	10	0.75	ug/L		02/09/25 13:22	02/10/25 11:01	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		02/09/25 13:22	02/10/25 11:01	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		02/09/25 13:22	02/10/25 11:01	1
3-Nitroaniline	10	U	10	1.9	ug/L		02/09/25 13:22	02/10/25 11:01	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		02/09/25 13:22	02/10/25 11:01	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		02/09/25 13:22	02/10/25 11:01	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		02/09/25 13:22	02/10/25 11:01	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		02/09/25 13:22	02/10/25 11:01	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		02/09/25 13:22	02/10/25 11:01	1
4-Methylphenol	10	U	10	0.65	ug/L		02/09/25 13:22	02/10/25 11:01	1
4-Nitroaniline	10	U	10	1.2	ug/L		02/09/25 13:22	02/10/25 11:01	1
4-Nitrophenol	20	U	20	4.0	ug/L		02/09/25 13:22	02/10/25 11:01	1
Acenaphthene	10	U	10	1.1	ug/L		02/09/25 13:22	02/10/25 11:01	1
Acenaphthylene	10	U	10	0.82	ug/L		02/09/25 13:22	02/10/25 11:01	1
Acetophenone	10	U	10	2.3	ug/L		02/09/25 13:22	02/10/25 11:01	1
Anthracene	10	U	10	1.3	ug/L		02/09/25 13:22	02/10/25 11:01	1
Atrazine	2.0	U *	2.0	1.3	ug/L		02/09/25 13:22	02/10/25 11:01	1
Benzaldehyde	10	U *	10	2.1	ug/L		02/09/25 13:22	02/10/25 11:01	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		02/09/25 13:22	02/10/25 11:01	1
Benzo[a]pyrene	**0.53**	**J**	1.0	0.41	ug/L		02/09/25 13:22	02/10/25 11:01	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		02/09/25 13:22	02/10/25 11:01	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		02/09/25 13:22	02/10/25 11:01	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		02/09/25 13:22	02/10/25 11:01	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		02/09/25 13:22	02/10/25 11:01	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		02/09/25 13:22	02/10/25 11:01	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		02/09/25 13:22	02/10/25 11:01	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		02/09/25 13:22	02/10/25 11:01	1
Caprolactam	10	U	10	2.2	ug/L		02/09/25 13:22	02/10/25 11:01	1
Carbazole	10	U	10	0.68	ug/L		02/09/25 13:22	02/10/25 11:01	1
Chrysene	2.0	U	2.0	0.91	ug/L		02/09/25 13:22	02/10/25 11:01	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		02/09/25 13:22	02/10/25 11:01	1
Dibenzofuran	10	U	10	1.1	ug/L		02/09/25 13:22	02/10/25 11:01	1
Diethyl phthalate	10	U	10	0.98	ug/L		02/09/25 13:22	02/10/25 11:01	1
Dimethyl phthalate	10	U	10	0.77	ug/L		02/09/25 13:22	02/10/25 11:01	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		02/09/25 13:22	02/10/25 11:01	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		02/09/25 13:22	02/10/25 11:01	1
Fluoranthene	10	U	10	0.84	ug/L		02/09/25 13:22	02/10/25 11:01	1

Client Sample ID: GW-2_020725
Lab Sample ID: 460-320182-3
Date Collected: 02/07/25 08:05
Matrix: Water
Date Received: 02/07/25 21:15

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	10	U	10	0.91	ug/L		02/09/25 13:22	02/10/25 11:01	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		02/09/25 13:22	02/10/25 11:01	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		02/09/25 13:22	02/10/25 11:01	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		02/09/25 13:22	02/10/25 11:01	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		02/09/25 13:22	02/10/25 11:01	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		02/09/25 13:22	02/10/25 11:01	1
Isophorone	10	U	10	0.80	ug/L		02/09/25 13:22	02/10/25 11:01	1
Naphthalene	2.0	U	2.0	0.54	ug/L		02/09/25 13:22	02/10/25 11:01	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		02/09/25 13:22	02/10/25 11:01	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		02/09/25 13:22	02/10/25 11:01	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		02/09/25 13:22	02/10/25 11:01	1
Pentachlorophenol	20	U	20	6.6	ug/L		02/09/25 13:22	02/10/25 11:01	1
Phenanthrene	10	U	10	1.3	ug/L		02/09/25 13:22	02/10/25 11:01	1
Phenol	10	U	10	0.29	ug/L		02/09/25 13:22	02/10/25 11:01	1
Pyrene	10	U	10	1.6	ug/L		02/09/25 13:22	02/10/25 11:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*68*		*37 - 150*	*02/09/25 13:22*	*02/10/25 11:01*	*1*
2-Fluorobiphenyl	*74*		*46 - 139*	*02/09/25 13:22*	*02/10/25 11:01*	*1*
2-Fluorophenol (Surr)	*53*		*16 - 80*	*02/09/25 13:22*	*02/10/25 11:01*	*1*
Nitrobenzene-d5 (Surr)	*78*		*51 - 145*	*02/09/25 13:22*	*02/10/25 11:01*	*1*
Phenol-d5 (Surr)	*37*		*10 - 56*	*02/09/25 13:22*	*02/10/25 11:01*	*1*
Terphenyl-d14 (Surr)	*39*		*13 - 159*	*02/09/25 13:22*	*02/10/25 11:01*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**216000**		40.0	11.7	ug/L		02/12/25 09:26	02/13/25 14:57	1
Antimony	**0.81**	**J**	2.0	0.48	ug/L		02/12/25 09:26	02/13/25 14:57	1
Arsenic	**64.1**		2.0	1.2	ug/L		02/12/25 09:26	02/13/25 14:57	1
Barium	**3330**		4.0	0.93	ug/L		02/12/25 09:26	02/13/25 14:57	1
Beryllium	**10.4**		0.80	0.12	ug/L		02/12/25 09:26	02/13/25 14:57	1
Cadmium	**25.2**		2.0	0.38	ug/L		02/12/25 09:26	02/13/25 14:57	1
Calcium	**1770000**		5000	317	ug/L		02/12/25 09:26	02/13/25 16:23	10
Chromium	**596**		4.0	1.7	ug/L		02/12/25 09:26	02/13/25 14:57	1
Cobalt	**468**		4.0	0.41	ug/L		02/12/25 09:26	02/13/25 14:57	1
Copper	**1020**		4.0	2.0	ug/L		02/12/25 09:26	02/13/25 14:57	1
Iron	**659000**		1200	337	ug/L		02/12/25 09:26	02/13/25 16:23	10
Lead	**578**		1.2	0.42	ug/L		02/12/25 09:26	02/13/25 14:57	1
Magnesium	**688000**		2000	218	ug/L		02/12/25 09:26	02/13/25 16:23	10
Manganese	**21000**		80.0	8.4	ug/L		02/12/25 09:26	02/13/25 16:23	10
Nickel	**775**		4.0	1.4	ug/L		02/12/25 09:26	02/13/25 14:57	1
Potassium	**63200**		200	83.3	ug/L		02/12/25 09:26	02/13/25 14:57	1
Selenium	**5.4**		2.5	0.43	ug/L		02/12/25 09:26	02/13/25 14:57	1
Silver	**2.2**		2.0	1.3	ug/L		02/12/25 09:26	02/13/25 14:57	1
Sodium	**183000**		500	180	ug/L		02/12/25 09:26	02/13/25 14:57	1
Thallium	**2.6**		0.80	0.19	ug/L		02/12/25 09:26	02/13/25 14:57	1
Vanadium	**739**		4.0	1.0	ug/L		02/12/25 09:26	02/13/25 14:57	1
Zinc	**1980**		16.0	4.2	ug/L		02/12/25 09:26	02/13/25 14:57	1

Client Sample ID: GW-2_020725
Lab Sample ID: 460-320182-3
Date Collected: 02/07/25 08:05
Matrix: Water
Date Received: 02/07/25 21:15

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.54		0.20	0.091	ug/L		02/13/25 11:50	02/13/25 15:13	1

Client Sample ID: GW-5_020725
Lab Sample ID: 460-320182-4
Date Collected: 02/07/25 10:45
Matrix: Water
Date Received: 02/07/25 21:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/13/25 01:36	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/13/25 01:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/13/25 01:36	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/13/25 01:36	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/13/25 01:36	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/13/25 01:36	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/13/25 01:36	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/13/25 01:36	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/13/25 01:36	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/13/25 01:36	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/13/25 01:36	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/13/25 01:36	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/13/25 01:36	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/13/25 01:36	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/13/25 01:36	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/13/25 01:36	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			02/13/25 01:36	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/13/25 01:36	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/13/25 01:36	1
Acetone	5.0	U	5.0	4.4	ug/L			02/13/25 01:36	1
Benzene	1.0	U	1.0	0.20	ug/L			02/13/25 01:36	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/13/25 01:36	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/13/25 01:36	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/13/25 01:36	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/13/25 01:36	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/13/25 01:36	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/13/25 01:36	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			02/13/25 01:36	1
Chloroethane	1.0	U *	1.0	0.32	ug/L			02/13/25 01:36	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/13/25 01:36	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/13/25 01:36	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/13/25 01:36	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/13/25 01:36	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/13/25 01:36	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			02/13/25 01:36	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			02/13/25 01:36	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/13/25 01:36	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/13/25 01:36	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/13/25 01:36	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/13/25 01:36	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/13/25 01:36	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/13/25 01:36	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: GW-5_020725
Lab Sample ID: 460-320182-4
Date Collected: 02/07/25 10:45
Matrix: Water
Date Received: 02/07/25 21:15

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/13/25 01:36	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/13/25 01:36	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/13/25 01:36	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/13/25 01:36	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/13/25 01:36	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/13/25 01:36	1
Styrene	1.0	U	1.0	0.42	ug/L			02/13/25 01:36	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/13/25 01:36	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			02/13/25 01:36	1
Toluene	1.0	U	1.0	0.38	ug/L			02/13/25 01:36	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/13/25 01:36	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/13/25 01:36	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/13/25 01:36	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/13/25 01:36	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/13/25 01:36	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/13/25 01:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*		*02/13/25 01:36*	*1*
4-Bromofluorobenzene	*102*		*76 - 120*		*02/13/25 01:36*	*1*
Dibromofluoromethane (Surr)	*98*		*77 - 132*		*02/13/25 01:36*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*02/13/25 01:36*	*1*

Method: SW846 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.072	ug/L		02/11/25 09:13	02/12/25 00:37	1

Isotope Dilution	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*26*		*10 - 150*	*02/11/25 09:13*	*02/12/25 00:37*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		02/09/25 13:22	02/10/25 10:40	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		02/09/25 13:22	02/10/25 10:40	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		02/09/25 13:22	02/10/25 10:40	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		02/09/25 13:22	02/10/25 10:40	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		02/09/25 13:22	02/10/25 10:40	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		02/09/25 13:22	02/10/25 10:40	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		02/09/25 13:22	02/10/25 10:40	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		02/09/25 13:22	02/10/25 10:40	1
2,4-Dinitrophenol	40	U	40	11	ug/L		02/09/25 13:22	02/10/25 10:40	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		02/09/25 13:22	02/10/25 10:40	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		02/09/25 13:22	02/10/25 10:40	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		02/09/25 13:22	02/10/25 10:40	1
2-Chlorophenol	10	U	10	0.95	ug/L		02/09/25 13:22	02/10/25 10:40	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		02/09/25 13:22	02/10/25 10:40	1
2-Methylphenol	10	U	10	0.67	ug/L		02/09/25 13:22	02/10/25 10:40	1
2-Nitroaniline	10	U	10	1.2	ug/L		02/09/25 13:22	02/10/25 10:40	1
2-Nitrophenol	10	U	10	0.75	ug/L		02/09/25 13:22	02/10/25 10:40	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		02/09/25 13:22	02/10/25 10:40	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		02/09/25 13:22	02/10/25 10:40	1

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Client Sample ID: GW-5_020725
Lab Sample ID: 460-320182-4
Date Collected: 02/07/25 10:45
Matrix: Water
Date Received: 02/07/25 21:15

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	10	U	10	1.9	ug/L		02/09/25 13:22	02/10/25 10:40	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		02/09/25 13:22	02/10/25 10:40	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		02/09/25 13:22	02/10/25 10:40	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		02/09/25 13:22	02/10/25 10:40	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		02/09/25 13:22	02/10/25 10:40	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		02/09/25 13:22	02/10/25 10:40	1
4-Methylphenol	10	U	10	0.65	ug/L		02/09/25 13:22	02/10/25 10:40	1
4-Nitroaniline	10	U	10	1.2	ug/L		02/09/25 13:22	02/10/25 10:40	1
4-Nitrophenol	20	U	20	4.0	ug/L		02/09/25 13:22	02/10/25 10:40	1
Acenaphthene	10	U	10	1.1	ug/L		02/09/25 13:22	02/10/25 10:40	1
Acenaphthylene	10	U	10	0.82	ug/L		02/09/25 13:22	02/10/25 10:40	1
Acetophenone	10	U	10	2.3	ug/L		02/09/25 13:22	02/10/25 10:40	1
Anthracene	10	U	10	1.3	ug/L		02/09/25 13:22	02/10/25 10:40	1
Atrazine	2.0	U *	2.0	1.3	ug/L		02/09/25 13:22	02/10/25 10:40	1
Benzaldehyde	10	U *	10	2.1	ug/L		02/09/25 13:22	02/10/25 10:40	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		02/09/25 13:22	02/10/25 10:40	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		02/09/25 13:22	02/10/25 10:40	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		02/09/25 13:22	02/10/25 10:40	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		02/09/25 13:22	02/10/25 10:40	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		02/09/25 13:22	02/10/25 10:40	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		02/09/25 13:22	02/10/25 10:40	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		02/09/25 13:22	02/10/25 10:40	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		02/09/25 13:22	02/10/25 10:40	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		02/09/25 13:22	02/10/25 10:40	1
Caprolactam	10	U	10	2.2	ug/L		02/09/25 13:22	02/10/25 10:40	1
Carbazole	10	U	10	0.68	ug/L		02/09/25 13:22	02/10/25 10:40	1
Chrysene	2.0	U	2.0	0.91	ug/L		02/09/25 13:22	02/10/25 10:40	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		02/09/25 13:22	02/10/25 10:40	1
Dibenzofuran	10	U	10	1.1	ug/L		02/09/25 13:22	02/10/25 10:40	1
Diethyl phthalate	10	U	10	0.98	ug/L		02/09/25 13:22	02/10/25 10:40	1
Dimethyl phthalate	10	U	10	0.77	ug/L		02/09/25 13:22	02/10/25 10:40	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		02/09/25 13:22	02/10/25 10:40	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		02/09/25 13:22	02/10/25 10:40	1
Fluoranthene	10	U	10	0.84	ug/L		02/09/25 13:22	02/10/25 10:40	1
Fluorene	10	U	10	0.91	ug/L		02/09/25 13:22	02/10/25 10:40	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		02/09/25 13:22	02/10/25 10:40	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		02/09/25 13:22	02/10/25 10:40	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		02/09/25 13:22	02/10/25 10:40	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		02/09/25 13:22	02/10/25 10:40	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		02/09/25 13:22	02/10/25 10:40	1
Isophorone	10	U	10	0.80	ug/L		02/09/25 13:22	02/10/25 10:40	1
Naphthalene	2.0	U	2.0	0.54	ug/L		02/09/25 13:22	02/10/25 10:40	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		02/09/25 13:22	02/10/25 10:40	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		02/09/25 13:22	02/10/25 10:40	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		02/09/25 13:22	02/10/25 10:40	1
Pentachlorophenol	20	U	20	6.6	ug/L		02/09/25 13:22	02/10/25 10:40	1
Phenanthrene	10	U	10	1.3	ug/L		02/09/25 13:22	02/10/25 10:40	1
Phenol	10	U	10	0.29	ug/L		02/09/25 13:22	02/10/25 10:40	1
Pyrene	10	U	10	1.6	ug/L		02/09/25 13:22	02/10/25 10:40	1

Client Sample ID: GW-5_020725
Lab Sample ID: 460-320182-4
Date Collected: 02/07/25 10:45
Matrix: Water
Date Received: 02/07/25 21:15

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*87*		*37 - 150*	*02/09/25 13:22*	*02/10/25 10:40*	*1*
2-Fluorobiphenyl	*91*		*46 - 139*	*02/09/25 13:22*	*02/10/25 10:40*	*1*
2-Fluorophenol (Surr)	*63*		*16 - 80*	*02/09/25 13:22*	*02/10/25 10:40*	*1*
Nitrobenzene-d5 (Surr)	*96*		*51 - 145*	*02/09/25 13:22*	*02/10/25 10:40*	*1*
Phenol-d5 (Surr)	*44*		*10 - 56*	*02/09/25 13:22*	*02/10/25 10:40*	*1*
Terphenyl-d14 (Surr)	*42*		*13 - 159*	*02/09/25 13:22*	*02/10/25 10:40*	*1*

Method: SW846 6020B - Metals (ICP/MS) - Total Recoverable

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	**198000**		40.0	11.7	ug/L		02/12/25 09:26	02/13/25 15:00	1
Antimony	**1.2**	**J**	2.0	0.48	ug/L		02/12/25 09:26	02/13/25 15:00	1
Arsenic	**57.8**		2.0	1.2	ug/L		02/12/25 09:26	02/13/25 15:00	1
Barium	**2760**		4.0	0.93	ug/L		02/12/25 09:26	02/13/25 15:00	1
Beryllium	**10.2**		0.80	0.12	ug/L		02/12/25 09:26	02/13/25 15:00	1
Cadmium	**6.0**		2.0	0.38	ug/L		02/12/25 09:26	02/13/25 15:00	1
Calcium	**1120000**		2500	159	ug/L		02/12/25 09:26	02/13/25 16:26	5
Chromium	**982**		4.0	1.7	ug/L		02/12/25 09:26	02/13/25 15:00	1
Cobalt	**480**		4.0	0.41	ug/L		02/12/25 09:26	02/13/25 15:00	1
Copper	**1100**		4.0	2.0	ug/L		02/12/25 09:26	02/13/25 15:00	1
Iron	**730000**		600	169	ug/L		02/12/25 09:26	02/13/25 16:26	5
Lead	**346**		1.2	0.42	ug/L		02/12/25 09:26	02/13/25 15:00	1
Magnesium	**443000**		200	21.8	ug/L		02/12/25 09:26	02/13/25 15:00	1
Manganese	**18200**		8.0	0.84	ug/L		02/12/25 09:26	02/13/25 15:00	1
Nickel	**854**		4.0	1.4	ug/L		02/12/25 09:26	02/13/25 15:00	1
Potassium	**53400**		200	83.3	ug/L		02/12/25 09:26	02/13/25 15:00	1
Selenium	**2.6**		2.5	0.43	ug/L		02/12/25 09:26	02/13/25 15:00	1
Silver	**2.1**		2.0	1.3	ug/L		02/12/25 09:26	02/13/25 15:00	1
Sodium	**27800**		500	180	ug/L		02/12/25 09:26	02/13/25 15:00	1
Thallium	**2.5**		0.80	0.19	ug/L		02/12/25 09:26	02/13/25 15:00	1
Vanadium	**709**		4.0	1.0	ug/L		02/12/25 09:26	02/13/25 15:00	1
Zinc	**1770**		16.0	4.2	ug/L		02/12/25 09:26	02/13/25 15:00	1

Method: SW846 7470A - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.24**		0.20	0.091	ug/L		02/13/25 11:50	02/13/25 15:15	1

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(65-138)	(71-128)	(50-150)	(71-126)
460-320182-1	SB-2_(5-7)	86	107	94	89
460-320182-2	SB-5_(16-18)	85	103	95	91
LB3 460-1020331/1-A	Method Blank	86	108	95	83
LCS 460-1021012/3	Lab Control Sample	90	112	96	93
LCSD 460-1021012/4	Lab Control Sample Dup	88	112	95	100
MB 460-1021012/7	Method Blank	88	108	96	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(70-128)	(76-120)	(77-132)	(80-120)
460-320182-3	GW-2_020725	92	102	99	94
460-320182-4	GW-5_020725	93	102	98	95
LCS 460-1020981/3	Lab Control Sample	97	102	99	98
LCSD 460-1020981/4	Lab Control Sample Dup	93	103	98	99
MB 460-1020981/8	Method Blank	95	103	100	97

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL	TPHL
Lab Sample ID	Client Sample ID	(24-137)	(38-128)	(31-133)	(31-120)	(35-132)	(44-147)
460-320153-C-24-A MS	Matrix Spike	104	97	95	91	93	103
460-320153-C-24-B MSD	Matrix Spike Duplicate	95	87	84	81	83	93
460-320182-1	SB-2_(5-7)	26	27 *	24 *	24 *	25 *	28 *
460-320182-1 - DL	SB-2_(5-7)	0 *	0 *	0 *	0 *	0 *	0 *
LCS 460-1020420/2-A	Lab Control Sample	95	89	89	84	88	93
LCSD 460-1020420/3-A	Lab Control Sample Dup	78	74	74	71	74	75
MB 460-1020420/1-A	Method Blank	88	88	83	83	83	92

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Surrogate Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)							
		TBP	FBP	2FP	NBZ	PHL	TPHL		
Lab Sample ID	Client Sample ID	(37-150)	(46-139)	(16-80)	(51-145)	(10-56)	(13-159)		
460-320182-3	GW-2_020725	68	74	53	78	37	39		
460-320182-4	GW-5_020725	87	91	63	96	44	42		
LCS 460-1020376/2-A	Lab Control Sample	83	79	48	89	32	72		
LCSD 460-1020376/3-A	Lab Control Sample Dup	84	80	48	91	32	73		
MB 460-1020376/1-A	Method Blank	71	76	47	82	31	23		

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Matrix: Water **Prep Type: Total/NA**

		Percent Isotope Dilution Recovery (Acceptance Limits)								
Lab Sample ID	Client Sample ID	DXE (10-150)								
460-320182-3	GW-2_020725	31								
460-320182-4	GW-5_020725	26								
460-320213-D-8-A MS	Matrix Spike	34								
460-320213-E-8-B MSD	Matrix Spike Duplicate	33								
LCS 460-1020646/2-A	Lab Control Sample	29								
LCSD 460-1020646/3-A	Lab Control Sample Dup	27								
MB 460-1020646/1-A	Method Blank	32								

Surrogate Legend

DXE = 1,4-Dioxane-d8

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: LB3 460-1020331/1-A
Matrix: Solid
Analysis Batch: 1021012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1020331

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
N-Propylbenzene	0.0010	U	0.0010	0.00018	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg		02/08/25 16:04	02/13/25 08:15	1

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

Lab Sample ID: LB3 460-1020331/1-A
Matrix: Solid
Analysis Batch: 1021012

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1020331

Analyte	LB3 Result	LB3 Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg		02/08/25 16:04	02/13/25 08:15	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg		02/08/25 16:04	02/13/25 08:15	1

Surrogate	*LB3 %Recovery*	*LB3 Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*86*		*65 - 138*	*02/08/25 16:04*	*02/13/25 08:15*	*1*
4-Bromofluorobenzene	*108*		*71 - 128*	*02/08/25 16:04*	*02/13/25 08:15*	*1*
Dibromofluoromethane (Surr)	*95*		*50 - 150*	*02/08/25 16:04*	*02/13/25 08:15*	*1*
Toluene-d8 (Surr)	*83*		*71 - 126*	*02/08/25 16:04*	*02/13/25 08:15*	*1*

Lab Sample ID: MB 460-1020981/8
Matrix: Water
Analysis Batch: 1020981

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			02/12/25 23:06	1
1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.37	ug/L			02/12/25 23:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			02/12/25 23:06	1
1,1,2-Trichloroethane	1.0	U	1.0	0.20	ug/L			02/12/25 23:06	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			02/12/25 23:06	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			02/12/25 23:06	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			02/12/25 23:06	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			02/12/25 23:06	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			02/12/25 23:06	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			02/12/25 23:06	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			02/12/25 23:06	1
1,2-Dichloroethane	1.0	U	1.0	0.43	ug/L			02/12/25 23:06	1
1,2-Dichloropropane	1.0	U	1.0	0.35	ug/L			02/12/25 23:06	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			02/12/25 23:06	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			02/12/25 23:06	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			02/12/25 23:06	1
2-Butanone (MEK)	5.0	U	5.0	1.9	ug/L			02/12/25 23:06	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			02/12/25 23:06	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			02/12/25 23:06	1
Acetone	5.0	U	5.0	4.4	ug/L			02/12/25 23:06	1
Benzene	1.0	U	1.0	0.20	ug/L			02/12/25 23:06	1
Bromoform	1.0	U	1.0	0.54	ug/L			02/12/25 23:06	1
Bromomethane	1.0	U	1.0	0.55	ug/L			02/12/25 23:06	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			02/12/25 23:06	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			02/12/25 23:06	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			02/12/25 23:06	1

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

Lab Sample ID: MB 460-1020981/8
Matrix: Water
Analysis Batch: 1020981

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			02/12/25 23:06	1
Chlorodibromomethane	1.0	U	1.0	0.28	ug/L			02/12/25 23:06	1
Chloroethane	1.0	U	1.0	0.32	ug/L			02/12/25 23:06	1
Chloroform	1.0	U	1.0	0.33	ug/L			02/12/25 23:06	1
Chloromethane	1.0	U	1.0	0.40	ug/L			02/12/25 23:06	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.22	ug/L			02/12/25 23:06	1
cis-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/12/25 23:06	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			02/12/25 23:06	1
Dichlorobromomethane	1.0	U	1.0	0.34	ug/L			02/12/25 23:06	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			02/12/25 23:06	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			02/12/25 23:06	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			02/12/25 23:06	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			02/12/25 23:06	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			02/12/25 23:06	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			02/12/25 23:06	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			02/12/25 23:06	1
Methylene Chloride	1.0	U	1.0	0.32	ug/L			02/12/25 23:06	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			02/12/25 23:06	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			02/12/25 23:06	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			02/12/25 23:06	1
o-Xylene	1.0	U	1.0	0.36	ug/L			02/12/25 23:06	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			02/12/25 23:06	1
Styrene	1.0	U	1.0	0.42	ug/L			02/12/25 23:06	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			02/12/25 23:06	1
Tetrachloroethene	1.0	U	1.0	0.25	ug/L			02/12/25 23:06	1
Toluene	1.0	U	1.0	0.38	ug/L			02/12/25 23:06	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			02/12/25 23:06	1
trans-1,3-Dichloropropene	1.0	U	1.0	0.22	ug/L			02/12/25 23:06	1
Trichloroethene	1.0	U	1.0	0.31	ug/L			02/12/25 23:06	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			02/12/25 23:06	1
Vinyl chloride	1.0	U	1.0	0.17	ug/L			02/12/25 23:06	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			02/12/25 23:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*70 - 128*		*02/12/25 23:06*	*1*
4-Bromofluorobenzene	*103*		*76 - 120*		*02/12/25 23:06*	*1*
Dibromofluoromethane (Surr)	*100*		*77 - 132*		*02/12/25 23:06*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*02/12/25 23:06*	*1*

Lab Sample ID: LCS 460-1020981/3
Matrix: Water
Analysis Batch: 1020981

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	18.7		ug/L		94	72 - 128
1,1,2,2-Tetrachloroethane	20.0	18.2		ug/L		91	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.3		ug/L		92	65 - 142
1,1,2-Trichloroethane	20.0	18.1		ug/L		90	74 - 125

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

Lab Sample ID: LCS 460-1020981/3
Matrix: Water
Analysis Batch: 1020981

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1-Dichloroethane	20.0	18.8		ug/L		94	73 - 130
1,1-Dichloroethene	20.0	16.8		ug/L		84	68 - 133
1,2,3-Trichlorobenzene	20.0	19.2		ug/L		96	55 - 150
1,2,4-Trichlorobenzene	20.0	18.4		ug/L		92	67 - 132
1,2,4-Trimethylbenzene	20.0	19.4		ug/L		97	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	17.0		ug/L		85	58 - 132
1,2-Dichlorobenzene	20.0	19.0		ug/L		95	80 - 120
1,2-Dichloroethane	20.0	17.6		ug/L		88	66 - 129
1,2-Dichloropropane	20.0	18.9		ug/L		94	72 - 128
1,3,5-Trimethylbenzene	20.0	18.9		ug/L		94	75 - 125
1,3-Dichlorobenzene	20.0	19.5		ug/L		97	80 - 120
1,4-Dichlorobenzene	20.0	18.7		ug/L		94	80 - 120
2-Butanone (MEK)	100	89.9		ug/L		90	65 - 142
2-Hexanone	100	97.4		ug/L		97	72 - 134
4-Methyl-2-pentanone (MIBK)	100	96.2		ug/L		96	77 - 130
Acetone	100	74.5		ug/L		75	60 - 133
Benzene	20.0	17.8		ug/L		89	71 - 126
Bromoform	20.0	17.8		ug/L		89	58 - 128
Bromomethane	20.0	27.4		ug/L		137	33 - 150
Carbon disulfide	20.0	11.2		ug/L		56	35 - 150
Carbon tetrachloride	20.0	18.3		ug/L		92	65 - 131
Chlorobenzene	20.0	19.3		ug/L		97	80 - 120
Chlorobromomethane	20.0	17.5		ug/L		88	71 - 134
Chlorodibromomethane	20.0	18.1		ug/L		91	73 - 121
Chloroethane	20.0	30.9	*	ug/L		154	54 - 150
Chloroform	20.0	19.3		ug/L		96	78 - 125
Chloromethane	20.0	18.4		ug/L		92	43 - 149
cis-1,2-Dichloroethene	20.0	18.9		ug/L		94	78 - 121
cis-1,3-Dichloropropene	20.0	18.6		ug/L		93	74 - 125
Cyclohexane	20.0	15.8		ug/L		79	64 - 142
Dichlorobromomethane	20.0	19.4		ug/L		97	76 - 121
Dichlorodifluoromethane	20.0	20.1		ug/L		100	38 - 144
Ethylbenzene	20.0	18.4		ug/L		92	78 - 120
Ethylene Dibromide	20.0	18.0		ug/L		90	79 - 126
Isopropylbenzene	20.0	18.8		ug/L		94	79 - 125
Methyl acetate	40.0	43.3		ug/L		108	50 - 147
Methyl tert-butyl ether	20.0	17.7		ug/L		89	72 - 131
Methylcyclohexane	20.0	16.3		ug/L		82	63 - 138
Methylene Chloride	20.0	17.3		ug/L		86	74 - 127
m-Xylene & p-Xylene	20.0	18.4		ug/L		92	78 - 120
n-Butylbenzene	20.0	19.1		ug/L		96	69 - 135
N-Propylbenzene	20.0	18.7		ug/L		93	68 - 129
o-Xylene	20.0	18.6		ug/L		93	78 - 120
sec-Butylbenzene	20.0	19.2		ug/L		96	77 - 129
Styrene	20.0	19.0		ug/L		95	82 - 127
tert-Butylbenzene	20.0	19.3		ug/L		96	78 - 120
Tetrachloroethene	20.0	18.1		ug/L		91	70 - 127
Toluene	20.0	18.0		ug/L		90	78 - 120
trans-1,2-Dichloroethene	20.0	16.8		ug/L		84	70 - 126

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

Lab Sample ID: LCS 460-1020981/3
Matrix: Water
Analysis Batch: 1020981

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
trans-1,3-Dichloropropene			20.0	18.7		ug/L		93	71 - 127		
Trichloroethene			20.0	18.0		ug/L		90	73 - 121		
Trichlorofluoromethane			20.0	19.7		ug/L		99	62 - 134		
Vinyl chloride			20.0	18.7		ug/L		93	55 - 144		
Xylenes, Total			40.0	37.0		ug/L		93	80 - 120		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*70 - 128*
4-Bromofluorobenzene	*102*		*76 - 120*
Dibromofluoromethane (Surr)	*99*		*77 - 132*
Toluene-d8 (Surr)	*98*		*80 - 120*

Lab Sample ID: LCSD 460-1020981/4
Matrix: Water
Analysis Batch: 1020981

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane			20.0	19.7		ug/L		98	72 - 128	5	30
1,1,2,2-Tetrachloroethane			20.0	20.1		ug/L		101	63 - 139	10	30
1,1,2-Trichloro-1,2,2-trifluoroethane			20.0	19.9		ug/L		100	65 - 142	8	30
1,1,2-Trichloroethane			20.0	19.7		ug/L		98	74 - 125	8	30
1,1-Dichloroethane			20.0	19.4		ug/L		97	73 - 130	3	30
1,1-Dichloroethene			20.0	17.6		ug/L		88	68 - 133	5	30
1,2,3-Trichlorobenzene			20.0	18.9		ug/L		94	55 - 150	2	30
1,2,4-Trichlorobenzene			20.0	19.6		ug/L		98	67 - 132	6	30
1,2,4-Trimethylbenzene			20.0	20.3		ug/L		101	75 - 125	4	30
1,2-Dibromo-3-Chloropropane			20.0	18.2		ug/L		91	58 - 132	7	30
1,2-Dichlorobenzene			20.0	20.2		ug/L		101	80 - 120	6	30
1,2-Dichloroethane			20.0	18.7		ug/L		94	66 - 129	6	30
1,2-Dichloropropane			20.0	19.7		ug/L		99	72 - 128	5	30
1,3,5-Trimethylbenzene			20.0	19.9		ug/L		100	75 - 125	5	30
1,3-Dichlorobenzene			20.0	20.8		ug/L		104	80 - 120	6	30
1,4-Dichlorobenzene			20.0	19.8		ug/L		99	80 - 120	6	30
2-Butanone (MEK)			100	95.4		ug/L		95	65 - 142	6	30
2-Hexanone			100	103		ug/L		103	72 - 134	6	30
4-Methyl-2-pentanone (MIBK)			100	102		ug/L		102	77 - 130	6	30
Acetone			100	80.5		ug/L		81	60 - 133	8	30
Benzene			20.0	18.8		ug/L		94	71 - 126	6	30
Bromoform			20.0	19.4		ug/L		97	58 - 128	8	30
Bromomethane			20.0	25.0		ug/L		125	33 - 150	9	30
Carbon disulfide			20.0	12.2		ug/L		61	35 - 150	8	30
Carbon tetrachloride			20.0	19.2		ug/L		96	65 - 131	4	30
Chlorobenzene			20.0	20.1		ug/L		100	80 - 120	4	30
Chlorobromomethane			20.0	19.2		ug/L		96	71 - 134	9	30
Chlorodibromomethane			20.0	19.6		ug/L		98	73 - 121	8	30
Chloroethane			20.0	31.3	*	ug/L		156	54 - 150	1	30
Chloroform			20.0	19.9		ug/L		99	78 - 125	3	30
Chloromethane			20.0	19.1		ug/L		96	43 - 149	4	30

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

Lab Sample ID: LCSD 460-1020981/4
Matrix: Water
Analysis Batch: 1020981

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
cis-1,2-Dichloroethene			20.0	19.1		ug/L		95	78 - 121	1	30
cis-1,3-Dichloropropene			20.0	20.1		ug/L		100	74 - 125	8	30
Cyclohexane			20.0	17.4		ug/L		87	64 - 142	10	30
Dichlorobromomethane			20.0	20.0		ug/L		100	76 - 121	3	30
Dichlorodifluoromethane			20.0	22.2		ug/L		111	38 - 144	10	30
Ethylbenzene			20.0	19.1		ug/L		96	78 - 120	4	30
Ethylene Dibromide			20.0	19.2		ug/L		96	79 - 126	7	30
Isopropylbenzene			20.0	20.1		ug/L		100	79 - 125	6	30
Methyl acetate			40.0	44.6		ug/L		111	50 - 147	3	30
Methyl tert-butyl ether			20.0	19.6		ug/L		98	72 - 131	10	30
Methylcyclohexane			20.0	18.2		ug/L		91	63 - 138	11	30
Methylene Chloride			20.0	17.8		ug/L		89	74 - 127	3	30
m-Xylene & p-Xylene			20.0	19.4		ug/L		97	78 - 120	5	30
n-Butylbenzene			20.0	20.1		ug/L		101	69 - 135	5	30
N-Propylbenzene			20.0	19.6		ug/L		98	68 - 129	5	30
o-Xylene			20.0	19.9		ug/L		99	78 - 120	6	30
sec-Butylbenzene			20.0	20.2		ug/L		101	77 - 129	5	30
Styrene			20.0	20.1		ug/L		100	82 - 127	5	30
tert-Butylbenzene			20.0	20.3		ug/L		101	78 - 120	5	30
Tetrachloroethene			20.0	18.9		ug/L		95	70 - 127	4	30
Toluene			20.0	19.0		ug/L		95	78 - 120	6	30
trans-1,2-Dichloroethene			20.0	17.7		ug/L		88	70 - 126	5	30
trans-1,3-Dichloropropene			20.0	20.2		ug/L		101	71 - 127	8	30
Trichloroethene			20.0	19.3		ug/L		97	73 - 121	7	30
Trichlorofluoromethane			20.0	21.9		ug/L		109	62 - 134	10	30
Vinyl chloride			20.0	20.1		ug/L		101	55 - 144	7	30
Xylenes, Total			40.0	39.2		ug/L		98	80 - 120	6	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*70 - 128*
4-Bromofluorobenzene	*103*		*76 - 120*
Dibromofluoromethane (Surr)	*98*		*77 - 132*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 460-1021012/7
Matrix: Solid
Analysis Batch: 1021012

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			02/13/25 07:51	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00021	mg/Kg			02/13/25 07:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			02/13/25 07:51	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00018	mg/Kg			02/13/25 07:51	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00021	mg/Kg			02/13/25 07:51	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			02/13/25 07:51	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			02/13/25 07:51	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			02/13/25 07:51	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			02/13/25 07:51	1

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

Lab Sample ID: MB 460-1021012/7
Matrix: Solid
Analysis Batch: 1021012

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			02/13/25 07:51	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			02/13/25 07:51	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			02/13/25 07:51	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			02/13/25 07:51	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			02/13/25 07:51	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			02/13/25 07:51	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00023	mg/Kg			02/13/25 07:51	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			02/13/25 07:51	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			02/13/25 07:51	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			02/13/25 07:51	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			02/13/25 07:51	1
Benzene	0.0010	U	0.0010	0.00026	mg/Kg			02/13/25 07:51	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			02/13/25 07:51	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			02/13/25 07:51	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			02/13/25 07:51	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			02/13/25 07:51	1
Chlorobenzene	0.0010	U	0.0010	0.00018	mg/Kg			02/13/25 07:51	1
Chlorobromomethane	0.0010	U	0.0010	0.00028	mg/Kg			02/13/25 07:51	1
Chlorodibromomethane	0.0010	U	0.0010	0.00019	mg/Kg			02/13/25 07:51	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			02/13/25 07:51	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			02/13/25 07:51	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			02/13/25 07:51	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			02/13/25 07:51	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			02/13/25 07:51	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			02/13/25 07:51	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			02/13/25 07:51	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			02/13/25 07:51	1
Ethylbenzene	0.0010	U	0.0010	0.00020	mg/Kg			02/13/25 07:51	1
Ethylene Dibromide	0.0010	U	0.0010	0.00018	mg/Kg			02/13/25 07:51	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			02/13/25 07:51	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			02/13/25 07:51	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			02/13/25 07:51	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			02/13/25 07:51	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			02/13/25 07:51	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00017	mg/Kg			02/13/25 07:51	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			02/13/25 07:51	1
N-Propylbenzene	0.0010	U	0.0010	0.00018	mg/Kg			02/13/25 07:51	1
o-Xylene	0.0010	U	0.0010	0.00019	mg/Kg			02/13/25 07:51	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			02/13/25 07:51	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			02/13/25 07:51	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			02/13/25 07:51	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			02/13/25 07:51	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			02/13/25 07:51	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			02/13/25 07:51	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			02/13/25 07:51	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			02/13/25 07:51	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			02/13/25 07:51	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			02/13/25 07:51	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			02/13/25 07:51	1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		65 - 138		02/13/25 07:51	1
4-Bromofluorobenzene	108		71 - 128		02/13/25 07:51	1
Dibromofluoromethane (Surr)	96		50 - 150		02/13/25 07:51	1
Toluene-d8 (Surr)	96		71 - 126		02/13/25 07:51	1

Lab Sample ID: LCS 460-1021012/3
Matrix: Solid
Analysis Batch: 1021012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0217		mg/Kg		109	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0167		mg/Kg		83	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0234		mg/Kg		117	75 - 121
1,1,2-Trichloroethane	0.0200	0.0160		mg/Kg		80	80 - 120
1,1-Dichloroethane	0.0200	0.0212		mg/Kg		106	72 - 120
1,1-Dichloroethene	0.0200	0.0210		mg/Kg		105	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0206		mg/Kg		103	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0214		mg/Kg		107	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0200		mg/Kg		100	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0156	*	mg/Kg		78	80 - 124
1,2-Dichlorobenzene	0.0200	0.0187		mg/Kg		94	80 - 120
1,2-Dichloroethane	0.0200	0.0188		mg/Kg		94	70 - 123
1,2-Dichloropropane	0.0200	0.0196		mg/Kg		98	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0197		mg/Kg		98	70 - 120
1,3-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120
1,4-Dichlorobenzene	0.0200	0.0195		mg/Kg		97	80 - 120
2-Butanone (MEK)	0.100	0.0926		mg/Kg		93	64 - 128
2-Hexanone	0.100	0.0857		mg/Kg		86	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0885		mg/Kg		89	80 - 120
Acetone	0.100	0.108		mg/Kg		108	58 - 122
Benzene	0.0200	0.0201		mg/Kg		100	75 - 120
Bromoform	0.0200	0.0194		mg/Kg		97	61 - 125
Bromomethane	0.0200	0.0164		mg/Kg		82	37 - 150
Carbon disulfide	0.0200	0.0224		mg/Kg		112	57 - 133
Carbon tetrachloride	0.0200	0.0230		mg/Kg		115	66 - 127
Chlorobenzene	0.0200	0.0196		mg/Kg		98	80 - 120
Chlorobromomethane	0.0200	0.0190		mg/Kg		95	76 - 127
Chlorodibromomethane	0.0200	0.0189		mg/Kg		94	72 - 120
Chloroethane	0.0200	0.0159		mg/Kg		79	60 - 123
Chloroform	0.0200	0.0200		mg/Kg		100	79 - 126
Chloromethane	0.0200	0.0206		mg/Kg		103	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0201		mg/Kg		101	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0176		mg/Kg		88	75 - 120
Cyclohexane	0.0200	0.0226		mg/Kg		113	65 - 132
Dichlorobromomethane	0.0200	0.0196		mg/Kg		98	77 - 124
Dichlorodifluoromethane	0.0200	0.0200		mg/Kg		100	45 - 129
Ethylbenzene	0.0200	0.0206		mg/Kg		103	80 - 120
Ethylene Dibromide	0.0200	0.0179		mg/Kg		90	79 - 120
Isopropylbenzene	0.0200	0.0224		mg/Kg		112	74 - 120
Methyl acetate	0.0400	0.0386		mg/Kg		97	57 - 120
Methyl tert-butyl ether	0.0200	0.0178		mg/Kg		89	74 - 125

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

Lab Sample ID: LCS 460-1021012/3
Matrix: Solid
Analysis Batch: 1021012

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methylcyclohexane	0.0200	0.0225		mg/Kg		113	66 - 125
Methylene Chloride	0.0200	0.0199		mg/Kg		100	78 - 120
m-Xylene & p-Xylene	0.0200	0.0206		mg/Kg		103	80 - 120
n-Butylbenzene	0.0200	0.0204		mg/Kg		102	72 - 120
N-Propylbenzene	0.0200	0.0206		mg/Kg		103	68 - 120
o-Xylene	0.0200	0.0201		mg/Kg		101	80 - 120
sec-Butylbenzene	0.0200	0.0206		mg/Kg		103	78 - 120
Styrene	0.0200	0.0183		mg/Kg		92	80 - 120
tert-Butylbenzene	0.0200	0.0198		mg/Kg		99	80 - 120
Tetrachloroethene	0.0200	0.0229		mg/Kg		115	73 - 120
Toluene	0.0200	0.0197		mg/Kg		99	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0210		mg/Kg		105	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0160		mg/Kg		80	77 - 120
Trichloroethene	0.0200	0.0220		mg/Kg		110	80 - 120
Trichlorofluoromethane	0.0200	0.0149		mg/Kg		75	61 - 130
Vinyl chloride	0.0200	0.0195		mg/Kg		97	54 - 122
Xylenes, Total	0.0400	0.0408		mg/Kg		102	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*90*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*96*		*50 - 150*
Toluene-d8 (Surr)	*93*		*71 - 126*

Lab Sample ID: LCSD 460-1021012/4
Matrix: Solid
Analysis Batch: 1021012

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0219		mg/Kg		109	78 - 120	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.0169		mg/Kg		84	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0215		mg/Kg		107	75 - 121	8	30
1,1,2-Trichloroethane	0.0200	0.0161		mg/Kg		81	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0212		mg/Kg		106	72 - 120	0	30
1,1-Dichloroethene	0.0200	0.0202		mg/Kg		101	76 - 120	4	30
1,2,3-Trichlorobenzene	0.0200	0.0210		mg/Kg		105	77 - 137	2	30
1,2,4-Trichlorobenzene	0.0200	0.0214		mg/Kg		107	77 - 136	0	30
1,2,4-Trimethylbenzene	0.0200	0.0201		mg/Kg		100	75 - 120	0	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0154	*	mg/Kg		77	80 - 124	1	30
1,2-Dichlorobenzene	0.0200	0.0185		mg/Kg		92	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0186		mg/Kg		93	70 - 123	1	30
1,2-Dichloropropane	0.0200	0.0196		mg/Kg		98	73 - 124	0	30
1,3,5-Trimethylbenzene	0.0200	0.0199		mg/Kg		100	70 - 120	1	30
1,3-Dichlorobenzene	0.0200	0.0206		mg/Kg		103	80 - 120	0	30
1,4-Dichlorobenzene	0.0200	0.0194		mg/Kg		97	80 - 120	0	30
2-Butanone (MEK)	0.100	0.0933		mg/Kg		93	64 - 128	1	30
2-Hexanone	0.100	0.0772		mg/Kg		77	75 - 120	11	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0955		mg/Kg		96	80 - 120	8	30

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

Lab Sample ID: LCSD 460-1021012/4
Matrix: Solid
Analysis Batch: 1021012

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetone			0.100	0.0956		mg/Kg		96	58 - 122	12	30
Benzene			0.0200	0.0202		mg/Kg		101	75 - 120	1	30
Bromoform			0.0200	0.0204		mg/Kg		102	61 - 125	5	30
Bromomethane			0.0200	0.0158		mg/Kg		79	37 - 150	4	30
Carbon disulfide			0.0200	0.0226		mg/Kg		113	57 - 133	1	30
Carbon tetrachloride			0.0200	0.0236		mg/Kg		118	66 - 127	2	30
Chlorobenzene			0.0200	0.0196		mg/Kg		98	80 - 120	0	30
Chlorobromomethane			0.0200	0.0187		mg/Kg		93	76 - 127	2	30
Chlorodibromomethane			0.0200	0.0177		mg/Kg		89	72 - 120	6	30
Chloroethane			0.0200	0.0156		mg/Kg		78	60 - 123	2	30
Chloroform			0.0200	0.0201		mg/Kg		100	79 - 126	0	30
Chloromethane			0.0200	0.0201		mg/Kg		100	46 - 122	3	30
cis-1,2-Dichloroethene			0.0200	0.0205		mg/Kg		103	80 - 123	2	30
cis-1,3-Dichloropropene			0.0200	0.0186		mg/Kg		93	75 - 120	6	30
Cyclohexane			0.0200	0.0230		mg/Kg		115	65 - 132	2	30
Dichlorobromomethane			0.0200	0.0190		mg/Kg		95	77 - 124	3	30
Dichlorodifluoromethane			0.0200	0.0196		mg/Kg		98	45 - 129	2	30
Ethylbenzene			0.0200	0.0201		mg/Kg		100	80 - 120	3	30
Ethylene Dibromide			0.0200	0.0169		mg/Kg		85	79 - 120	6	30
Isopropylbenzene			0.0200	0.0223		mg/Kg		112	74 - 120	0	30
Methyl acetate			0.0400	0.0402		mg/Kg		100	57 - 120	4	30
Methyl tert-butyl ether			0.0200	0.0177		mg/Kg		88	74 - 125	1	30
Methylcyclohexane			0.0200	0.0224		mg/Kg		112	66 - 125	1	30
Methylene Chloride			0.0200	0.0197		mg/Kg		98	78 - 120	1	30
m-Xylene & p-Xylene			0.0200	0.0206		mg/Kg		103	80 - 120	0	30
n-Butylbenzene			0.0200	0.0201		mg/Kg		101	72 - 120	1	30
N-Propylbenzene			0.0200	0.0205		mg/Kg		103	68 - 120	0	30
o-Xylene			0.0200	0.0207		mg/Kg		103	80 - 120	3	30
sec-Butylbenzene			0.0200	0.0208		mg/Kg		104	78 - 120	1	30
Styrene			0.0200	0.0192		mg/Kg		96	80 - 120	5	30
tert-Butylbenzene			0.0200	0.0201		mg/Kg		101	80 - 120	2	30
Tetrachloroethene			0.0200	0.0237		mg/Kg		119	73 - 120	3	30
Toluene			0.0200	0.0206		mg/Kg		103	80 - 120	4	30
trans-1,2-Dichloroethene			0.0200	0.0213		mg/Kg		106	78 - 120	1	30
trans-1,3-Dichloropropene			0.0200	0.0159		mg/Kg		79	77 - 120	1	30
Trichloroethene			0.0200	0.0215		mg/Kg		108	80 - 120	2	30
Trichlorofluoromethane			0.0200	0.0152		mg/Kg		76	61 - 130	2	30
Vinyl chloride			0.0200	0.0181		mg/Kg		91	54 - 122	7	30
Xylenes, Total			0.0400	0.0413		mg/Kg		103	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*65 - 138*
4-Bromofluorobenzene	*112*		*71 - 128*
Dibromofluoromethane (Surr)	*95*		*50 - 150*
Toluene-d8 (Surr)	*100*		*71 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1020376/1-A
Matrix: Water
Analysis Batch: 1020417

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1020376

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	5.0	U	5.0	1.2	ug/L		02/09/25 13:21	02/10/25 08:13	1
1,2,4,5-Tetrachlorobenzene	10	U	10	1.2	ug/L		02/09/25 13:21	02/10/25 08:13	1
2,2'-oxybis[1-chloropropane]	10	U	10	0.63	ug/L		02/09/25 13:21	02/10/25 08:13	1
2,3,4,6-Tetrachlorophenol	10	U	10	0.75	ug/L		02/09/25 13:21	02/10/25 08:13	1
2,4,5-Trichlorophenol	10	U	10	0.88	ug/L		02/09/25 13:21	02/10/25 08:13	1
2,4,6-Trichlorophenol	3.0	U	3.0	0.86	ug/L		02/09/25 13:21	02/10/25 08:13	1
2,4-Dichlorophenol	10	U	10	1.1	ug/L		02/09/25 13:21	02/10/25 08:13	1
2,4-Dimethylphenol	10	U	10	0.62	ug/L		02/09/25 13:21	02/10/25 08:13	1
2,4-Dinitrophenol	40	U	40	11	ug/L		02/09/25 13:21	02/10/25 08:13	1
2,4-Dinitrotoluene	10	U	10	1.0	ug/L		02/09/25 13:21	02/10/25 08:13	1
2,6-Dinitrotoluene	2.0	U	2.0	0.83	ug/L		02/09/25 13:21	02/10/25 08:13	1
2-Chloronaphthalene	10	U	10	1.2	ug/L		02/09/25 13:21	02/10/25 08:13	1
2-Chlorophenol	10	U	10	0.95	ug/L		02/09/25 13:21	02/10/25 08:13	1
2-Methylnaphthalene	10	U	10	0.53	ug/L		02/09/25 13:21	02/10/25 08:13	1
2-Methylphenol	10	U	10	0.67	ug/L		02/09/25 13:21	02/10/25 08:13	1
2-Nitroaniline	10	U	10	1.2	ug/L		02/09/25 13:21	02/10/25 08:13	1
2-Nitrophenol	10	U	10	0.75	ug/L		02/09/25 13:21	02/10/25 08:13	1
3 & 4 Methylphenol	10	U	10	0.64	ug/L		02/09/25 13:21	02/10/25 08:13	1
3,3'-Dichlorobenzidine	5.2	U	5.2	1.4	ug/L		02/09/25 13:21	02/10/25 08:13	1
3-Nitroaniline	10	U	10	1.9	ug/L		02/09/25 13:21	02/10/25 08:13	1
4,6-Dinitro-2-methylphenol	20	U	20	8.6	ug/L		02/09/25 13:21	02/10/25 08:13	1
4-Bromophenyl phenyl ether	10	U	10	0.75	ug/L		02/09/25 13:21	02/10/25 08:13	1
4-Chloro-3-methylphenol	10	U	10	1.3	ug/L		02/09/25 13:21	02/10/25 08:13	1
4-Chloroaniline	5.0	U	5.0	1.9	ug/L		02/09/25 13:21	02/10/25 08:13	1
4-Chlorophenyl phenyl ether	10	U	10	1.3	ug/L		02/09/25 13:21	02/10/25 08:13	1
4-Methylphenol	10	U	10	0.65	ug/L		02/09/25 13:21	02/10/25 08:13	1
4-Nitroaniline	10	U	10	1.2	ug/L		02/09/25 13:21	02/10/25 08:13	1
4-Nitrophenol	20	U	20	4.0	ug/L		02/09/25 13:21	02/10/25 08:13	1
Acenaphthene	10	U	10	1.1	ug/L		02/09/25 13:21	02/10/25 08:13	1
Acenaphthylene	10	U	10	0.82	ug/L		02/09/25 13:21	02/10/25 08:13	1
Acetophenone	10	U	10	2.3	ug/L		02/09/25 13:21	02/10/25 08:13	1
Anthracene	10	U	10	1.3	ug/L		02/09/25 13:21	02/10/25 08:13	1
Atrazine	2.0	U	2.0	1.3	ug/L		02/09/25 13:21	02/10/25 08:13	1
Benzaldehyde	10	U	10	2.1	ug/L		02/09/25 13:21	02/10/25 08:13	1
Benzo[a]anthracene	1.0	U	1.0	0.59	ug/L		02/09/25 13:21	02/10/25 08:13	1
Benzo[a]pyrene	1.0	U	1.0	0.41	ug/L		02/09/25 13:21	02/10/25 08:13	1
Benzo[b]fluoranthene	2.0	U	2.0	0.68	ug/L		02/09/25 13:21	02/10/25 08:13	1
Benzo[g,h,i]perylene	10	U	10	0.70	ug/L		02/09/25 13:21	02/10/25 08:13	1
Benzo[k]fluoranthene	1.0	U	1.0	0.67	ug/L		02/09/25 13:21	02/10/25 08:13	1
Bis(2-chloroethoxy)methane	10	U	10	0.59	ug/L		02/09/25 13:21	02/10/25 08:13	1
Bis(2-chloroethyl)ether	1.0	U	1.0	0.63	ug/L		02/09/25 13:21	02/10/25 08:13	1
Bis(2-ethylhexyl) phthalate	2.0	U	2.0	0.80	ug/L		02/09/25 13:21	02/10/25 08:13	1
Butyl benzyl phthalate	10	U	10	0.85	ug/L		02/09/25 13:21	02/10/25 08:13	1
Caprolactam	10	U	10	2.2	ug/L		02/09/25 13:21	02/10/25 08:13	1
Carbazole	10	U	10	0.68	ug/L		02/09/25 13:21	02/10/25 08:13	1
Chrysene	2.0	U	2.0	0.91	ug/L		02/09/25 13:21	02/10/25 08:13	1
Dibenz(a,h)anthracene	1.0	U	1.0	0.72	ug/L		02/09/25 13:21	02/10/25 08:13	1
Dibenzofuran	10	U	10	1.1	ug/L		02/09/25 13:21	02/10/25 08:13	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1020376/1-A
Matrix: Water
Analysis Batch: 1020417

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1020376

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diethyl phthalate	10	U	10	0.98	ug/L		02/09/25 13:21	02/10/25 08:13	1
Dimethyl phthalate	10	U	10	0.77	ug/L		02/09/25 13:21	02/10/25 08:13	1
Di-n-butyl phthalate	10	U	10	0.84	ug/L		02/09/25 13:21	02/10/25 08:13	1
Di-n-octyl phthalate	10	U	10	4.0	ug/L		02/09/25 13:21	02/10/25 08:13	1
Fluoranthene	10	U	10	0.84	ug/L		02/09/25 13:21	02/10/25 08:13	1
Fluorene	10	U	10	0.91	ug/L		02/09/25 13:21	02/10/25 08:13	1
Hexachlorobenzene	1.0	U	1.0	0.40	ug/L		02/09/25 13:21	02/10/25 08:13	1
Hexachlorobutadiene	1.0	U	1.0	0.78	ug/L		02/09/25 13:21	02/10/25 08:13	1
Hexachlorocyclopentadiene	10	U	10	3.6	ug/L		02/09/25 13:21	02/10/25 08:13	1
Hexachloroethane	0.80	U	0.80	0.31	ug/L		02/09/25 13:21	02/10/25 08:13	1
Indeno[1,2,3-cd]pyrene	2.0	U	2.0	0.94	ug/L		02/09/25 13:21	02/10/25 08:13	1
Isophorone	10	U	10	0.80	ug/L		02/09/25 13:21	02/10/25 08:13	1
Naphthalene	2.0	U	2.0	0.54	ug/L		02/09/25 13:21	02/10/25 08:13	1
Nitrobenzene	1.0	U	1.0	0.57	ug/L		02/09/25 13:21	02/10/25 08:13	1
N-Nitrosodi-n-propylamine	1.0	U	1.0	0.43	ug/L		02/09/25 13:21	02/10/25 08:13	1
N-Nitrosodiphenylamine	10	U	10	0.89	ug/L		02/09/25 13:21	02/10/25 08:13	1
Pentachlorophenol	20	U	20	6.6	ug/L		02/09/25 13:21	02/10/25 08:13	1
Phenanthrene	10	U	10	1.3	ug/L		02/09/25 13:21	02/10/25 08:13	1
Phenol	10	U	10	0.29	ug/L		02/09/25 13:21	02/10/25 08:13	1
Pyrene	10	U	10	1.6	ug/L		02/09/25 13:21	02/10/25 08:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*37 - 150*	*02/09/25 13:21*	*02/10/25 08:13*	*1*
2-Fluorobiphenyl	*76*		*46 - 139*	*02/09/25 13:21*	*02/10/25 08:13*	*1*
2-Fluorophenol (Surr)	*47*		*16 - 80*	*02/09/25 13:21*	*02/10/25 08:13*	*1*
Nitrobenzene-d5 (Surr)	*82*		*51 - 145*	*02/09/25 13:21*	*02/10/25 08:13*	*1*
Phenol-d5 (Surr)	*31*		*10 - 56*	*02/09/25 13:21*	*02/10/25 08:13*	*1*
Terphenyl-d14 (Surr)	*23*		*13 - 159*	*02/09/25 13:21*	*02/10/25 08:13*	*1*

Lab Sample ID: LCS 460-1020376/2-A
Matrix: Water
Analysis Batch: 1020417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1020376

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	80.0	66.7		ug/L		83	52 - 129
1,2,4,5-Tetrachlorobenzene	80.0	62.9		ug/L		79	40 - 136
2,2'-oxybis[1-chloropropane]	80.0	77.1		ug/L		96	47 - 133
2,3,4,6-Tetrachlorophenol	80.0	67.5		ug/L		84	63 - 131
2,4,5-Trichlorophenol	80.0	68.1		ug/L		85	63 - 124
2,4,6-Trichlorophenol	80.0	68.1		ug/L		85	66 - 131
2,4-Dichlorophenol	80.0	68.3		ug/L		85	60 - 120
2,4-Dimethylphenol	80.0	78.4		ug/L		98	37 - 120
2,4-Dinitrophenol	160	144		ug/L		90	50 - 148
2,4-Dinitrotoluene	80.0	68.9		ug/L		86	71 - 142
2,6-Dinitrotoluene	80.0	74.3		ug/L		93	71 - 136
2-Chloronaphthalene	80.0	64.3		ug/L		80	50 - 129
2-Chlorophenol	80.0	63.1		ug/L		79	49 - 120
2-Methylnaphthalene	80.0	62.9		ug/L		79	42 - 134

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1020376/2-A
Matrix: Water
Analysis Batch: 1020417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1020376

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Methylphenol	80.0	56.1		ug/L		70	35 - 120
2-Nitroaniline	80.0	68.4		ug/L		86	57 - 134
2-Nitrophenol	80.0	71.8		ug/L		90	62 - 124
3 & 4 Methylphenol	80.0	50.4		ug/L		63	27 - 120
3,3'-Dichlorobenzidine	80.0	57.1		ug/L		71	55 - 145
3-Nitroaniline	80.0	57.7		ug/L		72	51 - 120
4,6-Dinitro-2-methylphenol	160	140		ug/L		88	65 - 145
4-Bromophenyl phenyl ether	80.0	67.1		ug/L		84	59 - 132
4-Chloro-3-methylphenol	80.0	67.7		ug/L		85	54 - 120
4-Chloroaniline	80.0	56.4		ug/L		70	43 - 120
4-Chlorophenyl phenyl ether	80.0	67.2		ug/L		84	65 - 127
4-Methylphenol	80.0	50.0		ug/L		63	28 - 120
4-Nitroaniline	80.0	68.3		ug/L		85	57 - 135
4-Nitrophenol	160	63.3		ug/L		40	10 - 120
Acenaphthene	80.0	65.7		ug/L		82	62 - 127
Acenaphthylene	80.0	71.6		ug/L		89	58 - 122
Acetophenone	80.0	71.6		ug/L		89	65 - 125
Anthracene	80.0	66.8		ug/L		84	67 - 127
Atrazine	40.0	70.5	*	ug/L		176	13 - 150
Benzaldehyde	40.0	63.5	*	ug/L		159	10 - 150
Benzo[a]anthracene	80.0	65.0		ug/L		81	71 - 131
Benzo[a]pyrene	80.0	65.1		ug/L		81	75 - 148
Benzo[b]fluoranthene	80.0	69.7		ug/L		87	70 - 140
Benzo[g,h,i]perylene	80.0	63.8		ug/L		80	52 - 143
Benzo[k]fluoranthene	80.0	67.4		ug/L		84	71 - 140
Bis(2-chloroethoxy)methane	80.0	76.9		ug/L		96	63 - 122
Bis(2-chloroethyl)ether	80.0	77.6		ug/L		97	61 - 125
Bis(2-ethylhexyl) phthalate	80.0	70.9		ug/L		89	65 - 144
Butyl benzyl phthalate	80.0	71.5		ug/L		89	67 - 141
Caprolactam	40.0	16.0		ug/L		40	10 - 120
Carbazole	80.0	67.7		ug/L		85	68 - 132
Chrysene	80.0	62.3		ug/L		78	70 - 132
Dibenz(a,h)anthracene	80.0	62.1		ug/L		78	53 - 150
Dibenzofuran	80.0	66.1		ug/L		83	64 - 125
Diethyl phthalate	80.0	69.0		ug/L		86	67 - 131
Dimethyl phthalate	80.0	71.1		ug/L		89	67 - 129
Di-n-butyl phthalate	80.0	73.1		ug/L		91	71 - 139
Di-n-octyl phthalate	80.0	69.0		ug/L		86	51 - 150
Fluoranthene	80.0	70.5		ug/L		88	69 - 137
Fluorene	80.0	69.7		ug/L		87	67 - 125
Hexachlorobenzene	80.0	67.5		ug/L		84	62 - 135
Hexachlorobutadiene	80.0	69.4		ug/L		87	10 - 147
Hexachlorocyclopentadiene	80.0	81.7		ug/L		102	10 - 135
Hexachloroethane	80.0	67.6		ug/L		85	10 - 138
Indeno[1,2,3-cd]pyrene	80.0	62.5		ug/L		78	59 - 150
Isophorone	80.0	81.1		ug/L		101	65 - 128
Naphthalene	80.0	70.6		ug/L		88	39 - 126
Nitrobenzene	80.0	76.9		ug/L		96	66 - 127
N-Nitrosodi-n-propylamine	80.0	80.2		ug/L		100	63 - 133

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1020376/2-A
Matrix: Water
Analysis Batch: 1020417

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1020376

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
N-Nitrosodiphenylamine			80.0	64.8		ug/L		81	66 - 128		
Pentachlorophenol			160	112		ug/L		70	60 - 140		
Phenanthrene			80.0	65.8		ug/L		82	68 - 126		
Phenol			80.0	29.8		ug/L		37	10 - 80		
Pyrene			80.0	67.1		ug/L		84	60 - 137		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*83*		*37 - 150*
2-Fluorobiphenyl	*79*		*46 - 139*
2-Fluorophenol (Surr)	*48*		*16 - 80*
Nitrobenzene-d5 (Surr)	*89*		*51 - 145*
Phenol-d5 (Surr)	*32*		*10 - 56*
Terphenyl-d14 (Surr)	*72*		*13 - 159*

Lab Sample ID: LCSD 460-1020376/3-A
Matrix: Water
Analysis Batch: 1020417

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1020376

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			80.0	67.9		ug/L		85	52 - 129	2	30
1,2,4,5-Tetrachlorobenzene			80.0	64.1		ug/L		80	40 - 136	2	30
2,2'-oxybis[1-chloropropane]			80.0	77.5		ug/L		97	47 - 133	0	30
2,3,4,6-Tetrachlorophenol			80.0	69.3		ug/L		87	63 - 131	3	30
2,4,5-Trichlorophenol			80.0	67.0		ug/L		84	63 - 124	2	30
2,4,6-Trichlorophenol			80.0	70.7		ug/L		88	66 - 131	4	30
2,4-Dichlorophenol			80.0	68.7		ug/L		86	60 - 120	0	30
2,4-Dimethylphenol			80.0	81.0		ug/L		101	37 - 120	3	30
2,4-Dinitrophenol			160	146		ug/L		91	50 - 148	1	30
2,4-Dinitrotoluene			80.0	69.8		ug/L		87	71 - 142	1	30
2,6-Dinitrotoluene			80.0	74.7		ug/L		93	71 - 136	1	30
2-Chloronaphthalene			80.0	64.0		ug/L		80	50 - 129	0	30
2-Chlorophenol			80.0	62.8		ug/L		78	49 - 120	1	30
2-Methylnaphthalene			80.0	63.6		ug/L		79	42 - 134	1	30
2-Methylphenol			80.0	56.7		ug/L		71	35 - 120	1	30
2-Nitroaniline			80.0	69.6		ug/L		87	57 - 134	2	30
2-Nitrophenol			80.0	73.3		ug/L		92	62 - 124	2	30
3 & 4 Methylphenol			80.0	51.0		ug/L		64	27 - 120	1	30
3,3'-Dichlorobenzidine			80.0	57.6		ug/L		72	55 - 145	1	30
3-Nitroaniline			80.0	56.9		ug/L		71	51 - 120	1	30
4,6-Dinitro-2-methylphenol			160	144		ug/L		90	65 - 145	3	30
4-Bromophenyl phenyl ether			80.0	67.9		ug/L		85	59 - 132	1	30
4-Chloro-3-methylphenol			80.0	69.6		ug/L		87	54 - 120	3	30
4-Chloroaniline			80.0	56.5		ug/L		71	43 - 120	0	30
4-Chlorophenyl phenyl ether			80.0	67.3		ug/L		84	65 - 127	0	30
4-Methylphenol			80.0	50.6		ug/L		63	28 - 120	1	30
4-Nitroaniline			80.0	68.1		ug/L		85	57 - 135	0	30
4-Nitrophenol			160	65.2		ug/L		41	10 - 120	3	30
Acenaphthene			80.0	66.3		ug/L		83	62 - 127	1	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1020376/3-A
Matrix: Water
Analysis Batch: 1020417

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1020376

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthylene			80.0	72.6		ug/L		91	58 - 122	1	30
Acetophenone			80.0	72.4		ug/L		90	65 - 125	1	30
Anthracene			80.0	67.1		ug/L		84	67 - 127	0	30
Atrazine			40.0	71.8	*	ug/L		179	13 - 150	2	30
Benzaldehyde			40.0	63.7	*	ug/L		159	10 - 150	0	30
Benzo[a]anthracene			80.0	65.5		ug/L		82	71 - 131	1	30
Benzo[a]pyrene			80.0	66.2		ug/L		83	75 - 148	2	30
Benzo[b]fluoranthene			80.0	69.2		ug/L		87	70 - 140	1	30
Benzo[g,h,i]perylene			80.0	62.3		ug/L		78	52 - 143	2	30
Benzo[k]fluoranthene			80.0	70.3		ug/L		88	71 - 140	4	30
Bis(2-chloroethoxy)methane			80.0	77.7		ug/L		97	63 - 122	1	30
Bis(2-chloroethyl)ether			80.0	78.3		ug/L		98	61 - 125	1	30
Bis(2-ethylhexyl) phthalate			80.0	71.6		ug/L		89	65 - 144	1	30
Butyl benzyl phthalate			80.0	72.2		ug/L		90	67 - 141	1	30
Caprolactam			40.0	16.5		ug/L		41	10 - 120	3	30
Carbazole			80.0	68.4		ug/L		85	68 - 132	1	30
Chrysene			80.0	63.3		ug/L		79	70 - 132	2	30
Dibenz(a,h)anthracene			80.0	61.0		ug/L		76	53 - 150	2	30
Dibenzofuran			80.0	66.5		ug/L		83	64 - 125	1	30
Diethyl phthalate			80.0	69.4		ug/L		87	67 - 131	1	30
Dimethyl phthalate			80.0	71.6		ug/L		90	67 - 129	1	30
Di-n-butyl phthalate			80.0	73.4		ug/L		92	71 - 139	0	30
Di-n-octyl phthalate			80.0	69.8		ug/L		87	51 - 150	1	30
Fluoranthene			80.0	70.5		ug/L		88	69 - 137	0	30
Fluorene			80.0	69.6		ug/L		87	67 - 125	0	30
Hexachlorobenzene			80.0	68.0		ug/L		85	62 - 135	1	30
Hexachlorobutadiene			80.0	70.1		ug/L		88	10 - 147	1	30
Hexachlorocyclopentadiene			80.0	83.1		ug/L		104	10 - 135	2	30
Hexachloroethane			80.0	68.0		ug/L		85	10 - 138	1	30
Indeno[1,2,3-cd]pyrene			80.0	61.5		ug/L		77	59 - 150	2	30
Isophorone			80.0	82.0		ug/L		102	65 - 128	1	30
Naphthalene			80.0	71.4		ug/L		89	39 - 126	1	30
Nitrobenzene			80.0	76.9		ug/L		96	66 - 127	0	30
N-Nitrosodi-n-propylamine			80.0	80.9		ug/L		101	63 - 133	1	30
N-Nitrosodiphenylamine			80.0	65.0		ug/L		81	66 - 128	0	30
Pentachlorophenol			160	115		ug/L		72	60 - 140	2	30
Phenanthrene			80.0	66.6		ug/L		83	68 - 126	1	30
Phenol			80.0	30.1		ug/L		38	10 - 80	1	30
Pyrene			80.0	68.0		ug/L		85	60 - 137	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*84*		*37 - 150*
2-Fluorobiphenyl	*80*		*46 - 139*
2-Fluorophenol (Surr)	*48*		*16 - 80*
Nitrobenzene-d5 (Surr)	*91*		*51 - 145*
Phenol-d5 (Surr)	*32*		*10 - 56*
Terphenyl-d14 (Surr)	*73*		*13 - 159*

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1020420/1-A
Matrix: Solid
Analysis Batch: 1020469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1020420

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2-Chloronaphthalene	0.33	U	0.33	0.015	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
4-Nitroaniline	0.33	U	0.33	0.038	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.026	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		02/10/25 06:29	02/10/25 11:31	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1020420/1-A
Matrix: Solid
Analysis Batch: 1020469

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1020420

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Phenol	0.33	U	0.33	0.012	mg/Kg		02/10/25 06:29	02/10/25 11:31	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		02/10/25 06:29	02/10/25 11:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*24 - 137*	*02/10/25 06:29*	*02/10/25 11:31*	*1*
2-Fluorobiphenyl	*88*		*38 - 128*	*02/10/25 06:29*	*02/10/25 11:31*	*1*
2-Fluorophenol (Surr)	*83*		*31 - 133*	*02/10/25 06:29*	*02/10/25 11:31*	*1*
Nitrobenzene-d5 (Surr)	*83*		*31 - 120*	*02/10/25 06:29*	*02/10/25 11:31*	*1*
Phenol-d5 (Surr)	*83*		*35 - 132*	*02/10/25 06:29*	*02/10/25 11:31*	*1*
Terphenyl-d14 (Surr)	*92*		*44 - 147*	*02/10/25 06:29*	*02/10/25 11:31*	*1*

Lab Sample ID: LCS 460-1020420/2-A
Matrix: Solid
Analysis Batch: 1020469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1020420

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	3.31		mg/Kg		99	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	3.35		mg/Kg		101	60 - 120
1,4-Dioxane	3.33	2.34		mg/Kg		70	27 - 120
2,2'-oxybis[1-chloropropane]	3.33	3.05		mg/Kg		92	46 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.24		mg/Kg		97	62 - 120
2,4,5-Trichlorophenol	3.33	3.43		mg/Kg		103	64 - 120
2,4,6-Trichlorophenol	3.33	3.47		mg/Kg		104	65 - 120
2,4-Dichlorophenol	3.33	3.40		mg/Kg		102	66 - 120
2,4-Dimethylphenol	3.33	4.02	*	mg/Kg		121	46 - 120
2,4-Dinitrophenol	6.67	6.16		mg/Kg		92	41 - 129
2,4-Dinitrotoluene	3.33	3.46		mg/Kg		104	65 - 124
2,6-Dinitrotoluene	3.33	3.41		mg/Kg		102	67 - 121
2-Chloronaphthalene	3.33	3.30		mg/Kg		99	64 - 120

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-320182-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1020420/2-A
Matrix: Solid
Analysis Batch: 1020469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1020420

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
2-Chlorophenol	3.33	3.20		mg/Kg		96	63 - 120
2-Methylnaphthalene	3.33	2.94		mg/Kg		88	64 - 120
2-Methylphenol	3.33	3.19		mg/Kg		96	63 - 120
2-Nitroaniline	3.33	3.12		mg/Kg		94	48 - 120
2-Nitrophenol	3.33	3.27		mg/Kg		98	64 - 120
3 & 4 Methylphenol	3.33	3.18		mg/Kg		95	61 - 120
3,3'-Dichlorobenzidine	3.33	1.46		mg/Kg		44	10 - 120
3-Nitroaniline	3.33	1.36		mg/Kg		41	18 - 122
4,6-Dinitro-2-methylphenol	6.67	6.94		mg/Kg		104	58 - 136
4-Bromophenyl phenyl ether	3.33	3.56		mg/Kg		107	60 - 120
4-Chloro-3-methylphenol	3.33	3.30		mg/Kg		99	66 - 120
4-Chloroaniline	3.33	0.361		mg/Kg		11	10 - 120
4-Chlorophenyl phenyl ether	3.33	3.36		mg/Kg		101	62 - 120
4-Methylphenol	3.33	3.18		mg/Kg		95	61 - 120
4-Nitroaniline	3.33	2.95		mg/Kg		88	51 - 120
4-Nitrophenol	6.67	5.63		mg/Kg		84	42 - 132
Acenaphthene	3.33	3.36		mg/Kg		101	65 - 120
Acenaphthylene	3.33	3.53		mg/Kg		106	64 - 120
Acetophenone	3.33	3.10		mg/Kg		93	61 - 120
Anthracene	3.33	3.41		mg/Kg		102	67 - 120
Atrazine	1.33	1.80		mg/Kg		135	32 - 150
Benzaldehyde	1.33	1.52		mg/Kg		114	28 - 150
Benzo[a]anthracene	3.33	3.53		mg/Kg		106	66 - 120
Benzo[a]pyrene	3.33	3.70		mg/Kg		111	73 - 123
Benzo[b]fluoranthene	3.33	3.82		mg/Kg		115	70 - 125
Benzo[g,h,i]perylene	3.33	3.93		mg/Kg		118	66 - 120
Benzo[k]fluoranthene	3.33	3.41		mg/Kg		102	67 - 122
Bis(2-chloroethoxy)methane	3.33	3.28		mg/Kg		98	62 - 120
Bis(2-chloroethyl)ether	3.33	3.07		mg/Kg		92	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.48		mg/Kg		104	64 - 125
Butyl benzyl phthalate	3.33	3.48		mg/Kg		104	62 - 127
Caprolactam	1.33	1.50		mg/Kg		113	36 - 150
Carbazole	3.33	3.42		mg/Kg		103	64 - 120
Chrysene	3.33	3.35		mg/Kg		100	67 - 120
Dibenz(a,h)anthracene	3.33	3.64		mg/Kg		109	66 - 128
Dibenzofuran	3.33	3.25		mg/Kg		98	61 - 120
Diethyl phthalate	3.33	3.35		mg/Kg		101	63 - 120
Dimethyl phthalate	3.33	3.37		mg/Kg		101	65 - 120
Di-n-butyl phthalate	3.33	3.45		mg/Kg		103	66 - 120
Di-n-octyl phthalate	3.33	3.64		mg/Kg		109	61 - 123
Fluoranthene	3.33	3.39		mg/Kg		102	61 - 120
Fluorene	3.33	3.34		mg/Kg		100	64 - 120
Hexachlorobenzene	3.33	3.57		mg/Kg		107	66 - 120
Hexachlorobutadiene	3.33	3.28		mg/Kg		98	62 - 120
Hexachlorocyclopentadiene	3.33	4.46	*	mg/Kg		134	13 - 120
Hexachloroethane	3.33	3.08		mg/Kg		92	61 - 120
Indeno[1,2,3-cd]pyrene	3.33	3.67		mg/Kg		110	71 - 137
Isophorone	3.33	3.28		mg/Kg		98	61 - 120
Naphthalene	3.33	3.23		mg/Kg		97	63 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1020420/2-A
Matrix: Solid
Analysis Batch: 1020469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1020420

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrobenzene			3.33	3.25		mg/Kg		97	63 - 120		
N-Nitrosodi-n-propylamine			3.33	3.29		mg/Kg		99	56 - 120		
N-Nitrosodiphenylamine			3.33	3.41		mg/Kg		102	63 - 120		
Pentachlorophenol			6.67	6.52		mg/Kg		98	61 - 126		
Phenanthrene			3.33	3.42		mg/Kg		103	66 - 120		
Phenol			3.33	3.07		mg/Kg		92	63 - 120		
Pyrene			3.33	3.50		mg/Kg		105	61 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*95*		*24 - 137*
2-Fluorobiphenyl	*89*		*38 - 128*
2-Fluorophenol (Surr)	*89*		*31 - 133*
Nitrobenzene-d5 (Surr)	*84*		*31 - 120*
Phenol-d5 (Surr)	*88*		*35 - 132*
Terphenyl-d14 (Surr)	*93*		*44 - 147*

Lab Sample ID: LCSD 460-1020420/3-A
Matrix: Solid
Analysis Batch: 1020469

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1020420

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl			3.33	2.83		mg/Kg		85	64 - 120	16	30
1,2,4,5-Tetrachlorobenzene			3.33	2.85		mg/Kg		85	60 - 120	16	30
1,4-Dioxane			3.33	2.14		mg/Kg		64	27 - 120	9	30
2,2'-oxybis[1-chloropropane]			3.33	2.49		mg/Kg		75	46 - 126	20	30
2,3,4,6-Tetrachlorophenol			3.33	2.77		mg/Kg		83	62 - 120	15	30
2,4,5-Trichlorophenol			3.33	2.92		mg/Kg		88	64 - 120	16	30
2,4,6-Trichlorophenol			3.33	2.92		mg/Kg		88	65 - 120	17	30
2,4-Dichlorophenol			3.33	2.86		mg/Kg		86	66 - 120	17	30
2,4-Dimethylphenol			3.33	3.35		mg/Kg		101	46 - 120	18	30
2,4-Dinitrophenol			6.67	5.03		mg/Kg		75	41 - 129	20	30
2,4-Dinitrotoluene			3.33	2.98		mg/Kg		89	65 - 124	15	30
2,6-Dinitrotoluene			3.33	2.91		mg/Kg		87	67 - 121	16	30
2-Chloronaphthalene			3.33	2.79		mg/Kg		84	64 - 120	17	30
2-Chlorophenol			3.33	2.69		mg/Kg		81	63 - 120	17	30
2-Methylnaphthalene			3.33	2.50		mg/Kg		75	64 - 120	16	30
2-Methylphenol			3.33	2.67		mg/Kg		80	63 - 120	18	30
2-Nitroaniline			3.33	2.58		mg/Kg		77	48 - 120	19	30
2-Nitrophenol			3.33	2.81		mg/Kg		84	64 - 120	15	30
3 & 4 Methylphenol			3.33	2.69		mg/Kg		81	61 - 120	17	30
3,3'-Dichlorobenzidine			3.33	1.80		mg/Kg		54	10 - 120	21	30
3-Nitroaniline			3.33	2.10	*	mg/Kg		63	18 - 122	43	30
4,6-Dinitro-2-methylphenol			6.67	5.77		mg/Kg		87	58 - 136	18	30
4-Bromophenyl phenyl ether			3.33	2.98		mg/Kg		89	60 - 120	18	30
4-Chloro-3-methylphenol			3.33	2.77		mg/Kg		83	66 - 120	17	30
4-Chloroaniline			3.33	1.59	*	mg/Kg		48	10 - 120	126	30
4-Chlorophenyl phenyl ether			3.33	2.89		mg/Kg		87	62 - 120	15	30
4-Methylphenol			3.33	2.69		mg/Kg		81	61 - 120	17	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1020420/3-A
Matrix: Solid
Analysis Batch: 1020469

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1020420

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Nitroaniline			3.33	2.62		mg/Kg		79	51 - 120	12	30
4-Nitrophenol			6.67	4.98		mg/Kg		75	42 - 132	12	30
Acenaphthene			3.33	2.78		mg/Kg		83	65 - 120	19	30
Acenaphthylene			3.33	2.94		mg/Kg		88	64 - 120	18	30
Acetophenone			3.33	2.61		mg/Kg		78	61 - 120	17	30
Anthracene			3.33	2.90		mg/Kg		87	67 - 120	16	30
Atrazine			1.33	1.37		mg/Kg		103	32 - 150	27	30
Benzaldehyde			1.33	1.18		mg/Kg		88	28 - 150	25	30
Benzo[a]anthracene			3.33	2.95		mg/Kg		88	66 - 120	18	30
Benzo[a]pyrene			3.33	3.10		mg/Kg		93	73 - 123	18	30
Benzo[b]fluoranthene			3.33	3.06		mg/Kg		92	70 - 125	22	30
Benzo[g,h,i]perylene			3.33	3.37		mg/Kg		101	66 - 120	16	30
Benzo[k]fluoranthene			3.33	2.91		mg/Kg		87	67 - 122	16	30
Bis(2-chloroethoxy)methane			3.33	2.73		mg/Kg		82	62 - 120	18	30
Bis(2-chloroethyl)ether			3.33	2.60		mg/Kg		78	60 - 120	17	30
Bis(2-ethylhexyl) phthalate			3.33	2.86		mg/Kg		86	64 - 125	20	30
Butyl benzyl phthalate			3.33	2.84		mg/Kg		85	62 - 127	20	30
Caprolactam			1.33	1.19		mg/Kg		90	36 - 150	23	30
Carbazole			3.33	2.84		mg/Kg		85	64 - 120	19	30
Chrysene			3.33	2.82		mg/Kg		85	67 - 120	17	30
Dibenz(a,h)anthracene			3.33	3.09		mg/Kg		93	66 - 128	16	30
Dibenzofuran			3.33	2.75		mg/Kg		83	61 - 120	17	30
Diethyl phthalate			3.33	2.78		mg/Kg		83	63 - 120	19	30
Dimethyl phthalate			3.33	2.84		mg/Kg		85	65 - 120	17	30
Di-n-butyl phthalate			3.33	2.87		mg/Kg		86	66 - 120	18	30
Di-n-octyl phthalate			3.33	2.92		mg/Kg		88	61 - 123	22	30
Fluoranthene			3.33	2.89		mg/Kg		87	61 - 120	16	30
Fluorene			3.33	2.83		mg/Kg		85	64 - 120	17	30
Hexachlorobenzene			3.33	2.97		mg/Kg		89	66 - 120	18	30
Hexachlorobutadiene			3.33	2.81		mg/Kg		84	62 - 120	16	30
Hexachlorocyclopentadiene			3.33	3.67		mg/Kg		110	13 - 120	19	30
Hexachloroethane			3.33	2.64		mg/Kg		79	61 - 120	15	30
Indeno[1,2,3-cd]pyrene			3.33	3.16		mg/Kg		95	71 - 137	15	30
Isophorone			3.33	2.75		mg/Kg		83	61 - 120	18	30
Naphthalene			3.33	2.74		mg/Kg		82	63 - 120	17	30
Nitrobenzene			3.33	2.78		mg/Kg		83	63 - 120	16	30
N-Nitrosodi-n-propylamine			3.33	2.75		mg/Kg		82	56 - 120	18	30
N-Nitrosodiphenylamine			3.33	2.89		mg/Kg		87	63 - 120	16	30
Pentachlorophenol			6.67	5.49		mg/Kg		82	61 - 126	17	30
Phenanthrene			3.33	2.84		mg/Kg		85	66 - 120	18	30
Phenol			3.33	2.64		mg/Kg		79	63 - 120	15	30
Pyrene			3.33	2.87		mg/Kg		86	61 - 121	20	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*24 - 137*
2-Fluorobiphenyl	*74*		*38 - 128*
2-Fluorophenol (Surr)	*74*		*31 - 133*
Nitrobenzene-d5 (Surr)	*71*		*31 - 120*

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1020420/3-A
Matrix: Solid
Analysis Batch: 1020469

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1020420

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Phenol-d5 (Surr)	*74*		*35 - 132*
Terphenyl-d14 (Surr)	*75*		*44 - 147*

Lab Sample ID: 460-320153-C-24-A MS
Matrix: Solid
Analysis Batch: 1020469

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1020420

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.34	U	3.49	3.74		mg/Kg	☼	107	64 - 120
1,2,4,5-Tetrachlorobenzene	0.34	U	3.49	3.73		mg/Kg	☼	107	60 - 120
1,4-Dioxane	0.034	U	3.49	2.58		mg/Kg	☼	74	27 - 120
2,2'-oxybis[1-chloropropane]	0.34	U	3.49	3.31		mg/Kg	☼	95	46 - 126
2,3,4,6-Tetrachlorophenol	0.34	U	3.49	3.68		mg/Kg	☼	106	62 - 120
2,4,5-Trichlorophenol	0.34	U	3.49	3.88		mg/Kg	☼	111	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.49	3.84		mg/Kg	☼	110	65 - 120
2,4-Dichlorophenol	0.14	U	3.49	3.76		mg/Kg	☼	108	66 - 120
2,4-Dimethylphenol	0.34	U *	3.49	4.34	*	mg/Kg	☼	124	46 - 120
2,4-Dinitrophenol	0.28	U	6.97	6.58		mg/Kg	☼	94	41 - 129
2,4-Dinitrotoluene	0.070	U	3.49	3.90		mg/Kg	☼	112	65 - 124
2,6-Dinitrotoluene	0.070	U	3.49	3.84		mg/Kg	☼	110	67 - 121
2-Chloronaphthalene	0.34	U	3.49	3.72		mg/Kg	☼	107	64 - 120
2-Chlorophenol	0.34	U	3.49	3.56		mg/Kg	☼	102	63 - 120
2-Methylnaphthalene	0.34	U	3.49	3.24		mg/Kg	☼	93	64 - 120
2-Methylphenol	0.34	U	3.49	3.58		mg/Kg	☼	103	63 - 120
2-Nitroaniline	0.34	U	3.49	3.35		mg/Kg	☼	96	48 - 120
2-Nitrophenol	0.34	U	3.49	3.60		mg/Kg	☼	103	64 - 120
3 & 4 Methylphenol	0.34	U	3.49	3.60		mg/Kg	☼	103	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.49	1.67		mg/Kg	☼	48	10 - 120
3-Nitroaniline	0.34	U *	3.49	1.44		mg/Kg	☼	41	18 - 122
4,6-Dinitro-2-methylphenol	0.28	U	6.97	7.60		mg/Kg	☼	109	58 - 136
4-Bromophenyl phenyl ether	0.34	U	3.49	3.96		mg/Kg	☼	114	60 - 120
4-Chloro-3-methylphenol	0.34	U	3.49	3.69		mg/Kg	☼	106	66 - 120
4-Chloroaniline	0.34	U *	3.49	0.380		mg/Kg	☼	11	10 - 120
4-Chlorophenyl phenyl ether	0.34	U	3.49	3.82		mg/Kg	☼	110	62 - 120
4-Methylphenol	0.34	U	3.49	3.60		mg/Kg	☼	103	61 - 120
4-Nitroaniline	0.34	U	3.49	3.19		mg/Kg	☼	92	51 - 120
4-Nitrophenol	0.70	U	6.97	6.11		mg/Kg	☼	88	42 - 132
Acenaphthene	0.34	U	3.49	3.70		mg/Kg	☼	106	65 - 120
Acenaphthylene	0.021	J	3.49	3.98		mg/Kg	☼	114	64 - 120
Acetophenone	0.34	U	3.49	3.45		mg/Kg	☼	99	61 - 120
Anthracene	0.34	U	3.49	3.88		mg/Kg	☼	111	67 - 120
Atrazine	0.14	U	1.39	2.17	*	mg/Kg	☼	155	32 - 150
Benzaldehyde	0.34	U	1.39	1.78	E	mg/Kg	☼	128	28 - 150
Benzo[a]anthracene	0.073		3.49	4.09		mg/Kg	☼	115	66 - 120
Benzo[a]pyrene	0.056		3.49	4.25		mg/Kg	☼	120	73 - 123
Benzo[b]fluoranthene	0.069		3.49	4.26		mg/Kg	☼	120	70 - 125
Benzo[g,h,i]perylene	0.026	J	3.49	4.49	*	mg/Kg	☼	128	66 - 120
Benzo[k]fluoranthene	0.032	J	3.49	3.99		mg/Kg	☼	113	67 - 122

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-320153-C-24-A MS
Matrix: Solid
Analysis Batch: 1020469

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1020420

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Bis(2-chloroethoxy)methane	0.34	U	3.49	3.60		mg/Kg	☼	103	62 - 120
Bis(2-chloroethyl)ether	0.034	U	3.49	3.43		mg/Kg	☼	98	60 - 120
Bis(2-ethylhexyl) phthalate	0.34	U	3.49	3.98		mg/Kg	☼	114	64 - 125
Butyl benzyl phthalate	0.34	U	3.49	3.98		mg/Kg	☼	114	62 - 127
Caprolactam	0.34	U	1.39	1.58		mg/Kg	☼	113	36 - 150
Carbazole	0.34	U	3.49	3.90		mg/Kg	☼	112	64 - 120
Chrysene	0.064	J	3.49	3.93		mg/Kg	☼	111	67 - 120
Dibenz(a,h)anthracene	0.034	U	3.49	4.11		mg/Kg	☼	118	66 - 128
Dibenzofuran	0.34	U	3.49	3.65		mg/Kg	☼	105	61 - 120
Diethyl phthalate	0.34	U	3.49	3.72		mg/Kg	☼	107	63 - 120
Dimethyl phthalate	0.34	U	3.49	3.79		mg/Kg	☼	109	65 - 120
Di-n-butyl phthalate	0.34	U	3.49	3.93		mg/Kg	☼	113	66 - 120
Di-n-octyl phthalate	0.34	U	3.49	4.14		mg/Kg	☼	119	61 - 123
Fluoranthene	0.070	J	3.49	3.96		mg/Kg	☼	111	61 - 120
Fluorene	0.34	U	3.49	3.77		mg/Kg	☼	108	64 - 120
Hexachlorobenzene	0.034	U	3.49	4.00		mg/Kg	☼	115	66 - 120
Hexachlorobutadiene	0.070	U	3.49	3.66		mg/Kg	☼	105	62 - 120
Hexachlorocyclopentadiene	0.34	U *	3.49	4.91	*	mg/Kg	☼	141	13 - 120
Hexachloroethane	0.034	U	3.49	3.46		mg/Kg	☼	99	61 - 120
Indeno[1,2,3-cd]pyrene	0.024	J	3.49	4.19		mg/Kg	☼	119	71 - 137
Isophorone	0.14	U	3.49	3.60		mg/Kg	☼	103	61 - 120
Naphthalene	0.34	U	3.49	3.62		mg/Kg	☼	104	63 - 120
Nitrobenzene	0.034	U	3.49	3.68		mg/Kg	☼	106	63 - 120
N-Nitrosodi-n-propylamine	0.034	U	3.49	3.61		mg/Kg	☼	104	56 - 120
N-Nitrosodiphenylamine	0.34	U	3.49	3.94		mg/Kg	☼	113	63 - 120
Pentachlorophenol	0.28	U	6.97	7.48		mg/Kg	☼	107	61 - 126
Phenanthrene	0.014	J	3.49	3.88		mg/Kg	☼	111	66 - 120
Phenol	0.34	U	3.49	3.37		mg/Kg	☼	97	63 - 120
Pyrene	0.059	J	3.49	4.05		mg/Kg	☼	114	61 - 121

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*104*		*24 - 137*
2-Fluorobiphenyl	*97*		*38 - 128*
2-Fluorophenol (Surr)	*95*		*31 - 133*
Nitrobenzene-d5 (Surr)	*91*		*31 - 120*
Phenol-d5 (Surr)	*93*		*35 - 132*
Terphenyl-d14 (Surr)	*103*		*44 - 147*

Lab Sample ID: 460-320153-C-24-B MSD
Matrix: Solid
Analysis Batch: 1020469

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1020420

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.34	U	3.48	3.35		mg/Kg	☼	96	64 - 120	11	30
1,2,4,5-Tetrachlorobenzene	0.34	U	3.48	3.39		mg/Kg	☼	97	60 - 120	10	30
1,4-Dioxane	0.034	U	3.48	2.23		mg/Kg	☼	64	27 - 120	15	30
2,2'-oxybis[1-chloropropane]	0.34	U	3.48	2.91		mg/Kg	☼	84	46 - 126	13	30
2,3,4,6-Tetrachlorophenol	0.34	U	3.48	3.38		mg/Kg	☼	97	62 - 120	8	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-320153-C-24-B MSD
Matrix: Solid
Analysis Batch: 1020469

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1020420

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,4,5-Trichlorophenol	0.34	U	3.48	3.51		mg/Kg	☼	101	64 - 120	10	30
2,4,6-Trichlorophenol	0.14	U	3.48	3.49		mg/Kg	☼	100	65 - 120	9	30
2,4-Dichlorophenol	0.14	U	3.48	3.40		mg/Kg	☼	98	66 - 120	10	30
2,4-Dimethylphenol	0.34	U *	3.48	3.95		mg/Kg	☼	114	46 - 120	9	30
2,4-Dinitrophenol	0.28	U	6.96	6.21		mg/Kg	☼	89	41 - 129	6	30
2,4-Dinitrotoluene	0.070	U	3.48	3.58		mg/Kg	☼	103	65 - 124	9	30
2,6-Dinitrotoluene	0.070	U	3.48	3.56		mg/Kg	☼	102	67 - 121	8	30
2-Chloronaphthalene	0.34	U	3.48	3.39		mg/Kg	☼	97	64 - 120	9	30
2-Chlorophenol	0.34	U	3.48	3.15		mg/Kg	☼	91	63 - 120	12	30
2-Methylnaphthalene	0.34	U	3.48	2.94		mg/Kg	☼	85	64 - 120	9	30
2-Methylphenol	0.34	U	3.48	3.21		mg/Kg	☼	92	63 - 120	11	30
2-Nitroaniline	0.34	U	3.48	3.06		mg/Kg	☼	88	48 - 120	9	30
2-Nitrophenol	0.34	U	3.48	3.28		mg/Kg	☼	94	64 - 120	9	30
3 & 4 Methylphenol	0.34	U	3.48	3.22		mg/Kg	☼	93	61 - 120	11	30
3,3'-Dichlorobenzidine	0.14	U	3.48	1.49		mg/Kg	☼	43	10 - 120	11	30
3-Nitroaniline	0.34	U *	3.48	1.25		mg/Kg	☼	36	18 - 122	14	30
4,6-Dinitro-2-methylphenol	0.28	U	6.96	6.93		mg/Kg	☼	100	58 - 136	9	30
4-Bromophenyl phenyl ether	0.34	U	3.48	3.69		mg/Kg	☼	106	60 - 120	7	30
4-Chloro-3-methylphenol	0.34	U	3.48	3.34		mg/Kg	☼	96	66 - 120	10	30
4-Chloroaniline	0.34	U *	3.48	0.324	J *	mg/Kg	☼	9	10 - 120	16	30
4-Chlorophenyl phenyl ether	0.34	U	3.48	3.46		mg/Kg	☼	100	62 - 120	10	30
4-Methylphenol	0.34	U	3.48	3.22		mg/Kg	☼	93	61 - 120	11	30
4-Nitroaniline	0.34	U	3.48	2.92		mg/Kg	☼	84	51 - 120	9	30
4-Nitrophenol	0.70	U	6.96	5.64		mg/Kg	☼	81	42 - 132	8	30
Acenaphthene	0.34	U	3.48	3.40		mg/Kg	☼	98	65 - 120	9	30
Acenaphthylene	0.021	J	3.48	3.61		mg/Kg	☼	103	64 - 120	10	30
Acetophenone	0.34	U	3.48	3.04		mg/Kg	☼	87	61 - 120	13	30
Anthracene	0.34	U	3.48	3.54		mg/Kg	☼	102	67 - 120	9	30
Atrazine	0.14	U	1.39	2.08		mg/Kg	☼	149	32 - 150	4	30
Benzaldehyde	0.34	U	1.39	1.64	E	mg/Kg	☼	118	28 - 150	8	30
Benzo[a]anthracene	0.073		3.48	3.67		mg/Kg	☼	103	66 - 120	11	30
Benzo[a]pyrene	0.056		3.48	3.87		mg/Kg	☼	110	73 - 123	9	30
Benzo[b]fluoranthene	0.069		3.48	3.97		mg/Kg	☼	112	70 - 125	7	30
Benzo[g,h,i]perylene	0.026	J	3.48	4.07		mg/Kg	☼	116	66 - 120	10	30
Benzo[k]fluoranthene	0.032	J	3.48	3.50		mg/Kg	☼	100	67 - 122	13	30
Bis(2-chloroethoxy)methane	0.34	U	3.48	3.23		mg/Kg	☼	93	62 - 120	11	30
Bis(2-chloroethyl)ether	0.034	U	3.48	3.05		mg/Kg	☼	88	60 - 120	12	30
Bis(2-ethylhexyl) phthalate	0.34	U	3.48	3.59		mg/Kg	☼	103	64 - 125	10	30
Butyl benzyl phthalate	0.34	U	3.48	3.62		mg/Kg	☼	104	62 - 127	10	30
Caprolactam	0.34	U	1.39	1.49		mg/Kg	☼	107	36 - 150	5	30
Carbazole	0.34	U	3.48	3.47		mg/Kg	☼	100	64 - 120	12	30
Chrysene	0.064	J	3.48	3.50		mg/Kg	☼	99	67 - 120	12	30
Dibenz(a,h)anthracene	0.034	U	3.48	3.69		mg/Kg	☼	106	66 - 128	11	30
Dibenzofuran	0.34	U	3.48	3.34		mg/Kg	☼	96	61 - 120	9	30
Diethyl phthalate	0.34	U	3.48	3.37		mg/Kg	☼	97	63 - 120	10	30
Dimethyl phthalate	0.34	U	3.48	3.45		mg/Kg	☼	99	65 - 120	9	30
Di-n-butyl phthalate	0.34	U	3.48	3.53		mg/Kg	☼	101	66 - 120	11	30
Di-n-octyl phthalate	0.34	U	3.48	3.74		mg/Kg	☼	108	61 - 123	10	30
Fluoranthene	0.070	J	3.48	3.58		mg/Kg	☼	101	61 - 120	10	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-320153-C-24-B MSD
Matrix: Solid
Analysis Batch: 1020469

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1020420

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Fluorene	0.34	U	3.48	3.40		mg/Kg	☼	98	64 - 120	10	30
Hexachlorobenzene	0.034	U	3.48	3.67		mg/Kg	☼	106	66 - 120	9	30
Hexachlorobutadiene	0.070	U	3.48	3.26		mg/Kg	☼	94	62 - 120	11	30
Hexachlorocyclopentadiene	0.34	U *	3.48	4.46	*	mg/Kg	☼	128	13 - 120	10	30
Hexachloroethane	0.034	U	3.48	3.04		mg/Kg	☼	87	61 - 120	13	30
Indeno[1,2,3-cd]pyrene	0.024	J	3.48	3.78		mg/Kg	☼	108	71 - 137	10	30
Isophorone	0.14	U	3.48	3.19		mg/Kg	☼	92	61 - 120	12	30
Naphthalene	0.34	U	3.48	3.20		mg/Kg	☼	92	63 - 120	12	30
Nitrobenzene	0.034	U	3.48	3.26		mg/Kg	☼	94	63 - 120	12	30
N-Nitrosodi-n-propylamine	0.034	U	3.48	3.22		mg/Kg	☼	92	56 - 120	12	30
N-Nitrosodiphenylamine	0.34	U	3.48	3.53		mg/Kg	☼	101	63 - 120	11	30
Pentachlorophenol	0.28	U	6.96	6.96		mg/Kg	☼	100	61 - 126	7	30
Phenanthrene	0.014	J	3.48	3.56		mg/Kg	☼	102	66 - 120	9	30
Phenol	0.34	U	3.48	3.02		mg/Kg	☼	87	63 - 120	11	30
Pyrene	0.059	J	3.48	3.58		mg/Kg	☼	101	61 - 121	12	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*95*		*24 - 137*
2-Fluorobiphenyl	*87*		*38 - 128*
2-Fluorophenol (Surr)	*84*		*31 - 133*
Nitrobenzene-d5 (Surr)	*81*		*31 - 120*
Phenol-d5 (Surr)	*83*		*35 - 132*
Terphenyl-d14 (Surr)	*93*		*44 - 147*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)

Lab Sample ID: MB 460-1020646/1-A
Matrix: Water
Analysis Batch: 1020742

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1020646

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,4-Dioxane	0.20	U	0.20	0.072	ug/L		02/11/25 09:12	02/11/25 20:26	1

Isotope Dilution	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Dioxane-d8	*32*		*10 - 150*	*02/11/25 09:12*	*02/11/25 20:26*	*1*

Lab Sample ID: LCS 460-1020646/2-A
Matrix: Water
Analysis Batch: 1020742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1020646

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane			1.60	1.31		ug/L		82	42 - 142		

Isotope Dilution	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,4-Dioxane-d8	*29*		*10 - 150*

Method: 8270E SIM ID - Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution) (Continued)

Lab Sample ID: LCSD 460-1020646/3-A
Matrix: Water
Analysis Batch: 1020742

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 1020646

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane			1.60	1.27		ug/L		79	42 - 142	3	20

Isotope Dilution	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,4-Dioxane-d8	*27*		*10 - 150*

Lab Sample ID: 460-320213-D-8-A MS
Matrix: Water
Analysis Batch: 1020742

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1020646

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
1,4-Dioxane	1.1		1.60	2.46		ug/L		88	42 - 142		

Isotope Dilution	*MS %Recovery*	*MS Qualifier*	*Limits*
1,4-Dioxane-d8	*34*		*10 - 150*

Lab Sample ID: 460-320213-E-8-B MSD
Matrix: Water
Analysis Batch: 1020742

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1020646

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,4-Dioxane	1.1		1.60	3.00		ug/L		122	42 - 142	20	20

Isotope Dilution	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,4-Dioxane-d8	*33*		*10 - 150*

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1021051/1-A
Matrix: Solid
Analysis Batch: 1021166

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1021051

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Antimony	1.0	U	1.0	0.15	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Barium	2.0	U	2.0	0.15	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Beryllium	0.40	U	0.40	0.057	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Calcium	100	U	100	40.7	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Chromium	2.0	U	2.0	0.91	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Copper	2.0	U	2.0	0.37	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Iron	60.0	U	60.0	20.2	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Lead	0.60	U	0.60	0.20	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Magnesium	100	U	100	10.2	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Manganese	4.0	U	4.0	0.40	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Nickel	2.0	U	2.0	0.47	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Potassium	100	U	100	16.2	mg/Kg		02/13/25 06:15	02/13/25 15:18	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1021051/1-A
Matrix: Solid
Analysis Batch: 1021166

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1021051

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium	1.3	U	1.3	0.13	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Silver	0.40	U	0.40	0.089	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Sodium	100	U	100	45.7	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Thallium	0.40	U	0.40	0.041	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		02/13/25 06:15	02/13/25 15:18	1
Zinc	8.0	U	8.0	3.1	mg/Kg		02/13/25 06:15	02/13/25 15:18	1

Lab Sample ID: LCSSRM 460-1021051/2-A ^3
Matrix: Solid
Analysis Batch: 1021166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1021051

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	5940	4938		mg/Kg		83.1	46.1 - 153.9
Antimony	121	69.69		mg/Kg		57.6	0.1 - 200.8
Arsenic	242	231.4		mg/Kg		95.6	81.8 - 118.6
Barium	295	315.2		mg/Kg		106.8	81.7 - 118.3
Beryllium	160	153.7		mg/Kg		96.1	82.5 - 117.5
Cadmium	84.3	83.28		mg/Kg		98.8	82.2 - 117.8
Calcium	5270	5201		mg/Kg		98.7	82.5 - 117.5
Chromium	213	209.3		mg/Kg		98.3	81.2 - 119.2
Cobalt	137	134.7		mg/Kg		98.3	83.2 - 117.5
Copper	195	195.1		mg/Kg		100.0	83.1 - 116.9
Iron	6650	6133		mg/Kg		92.2	58.6 - 141.5
Lead	194	192.3		mg/Kg		99.1	82.0 - 118.6
Magnesium	1860	1704		mg/Kg		91.6	75.3 - 124.2
Manganese	264	242.3		mg/Kg		91.8	80.7 - 118.9
Nickel	298	296.6		mg/Kg		99.5	82.2 - 117.8
Potassium	2010	1865		mg/Kg		92.8	70.6 - 129.4
Selenium	272	277.2		mg/Kg		101.9	80.1 - 119.5
Silver	76.7	77.44		mg/Kg		101.0	79.5 - 120.5
Sodium	406	441.5		mg/Kg		108.7	74.9 - 124.9
Thallium	108	113.1		mg/Kg		104.8	80.0 - 119.4
Vanadium	169	160.7		mg/Kg		95.1	78.1 - 122.5

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1021051/2-A ^3
Matrix: Solid
Analysis Batch: 1021166

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1021051

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Zinc	236	233.3		mg/Kg		98.9	80.1 - 120.3

Lab Sample ID: 460-320403-C-3-I MS
Matrix: Solid
Analysis Batch: 1021166

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1021051

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	8520		534	10860	4	mg/Kg	☼	437	75 - 125
Antimony	1.1	U	5.34	2.00	N	mg/Kg	☼	37	75 - 125
Arsenic	4.3		10.7	13.58		mg/Kg	☼	87	75 - 125
Barium	40.9		10.7	51.19		mg/Kg	☼	96	75 - 125
Beryllium	0.40	J	5.34	5.04		mg/Kg	☼	87	75 - 125
Cadmium	1.1	U	5.34	4.85		mg/Kg	☼	91	75 - 125
Calcium	9240		534	8768	4	mg/Kg	☼	-88	75 - 125
Chromium	17.5		10.7	30.05		mg/Kg	☼	117	75 - 125
Cobalt	4.8		5.34	10.10		mg/Kg	☼	99	75 - 125
Copper	12.9		10.7	23.05		mg/Kg	☼	95	75 - 125
Iron	16000		534	16990	4	mg/Kg	☼	177	75 - 125
Lead	17.7		5.34	23.92		mg/Kg	☼	116	75 - 125
Magnesium	4470		534	5003	4	mg/Kg	☼	101	75 - 125
Manganese	136		53.4	181.1		mg/Kg	☼	84	75 - 125
Nickel	12.0		10.7	26.51	N	mg/Kg	☼	136	75 - 125
Potassium	700		534	1217		mg/Kg	☼	97	75 - 125
Selenium	0.20	J	10.7	9.53		mg/Kg	☼	87	75 - 125
Silver	0.43	U	5.34	4.86		mg/Kg	☼	91	75 - 125
Sodium	114		534	592.2		mg/Kg	☼	90	75 - 125
Thallium	0.085	J	4.28	3.90		mg/Kg	☼	89	75 - 125
Vanadium	27.9		10.7	38.33		mg/Kg	☼	98	75 - 125
Zinc	43.6		53.4	103.0		mg/Kg	☼	111	75 - 125

Lab Sample ID: 460-320403-C-3-J MSD
Matrix: Solid
Analysis Batch: 1021166

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1021051

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	8520		534	10660	4	mg/Kg	☼	399	75 - 125	2	20
Antimony	1.1	U	5.34	2.04	N	mg/Kg	☼	38	75 - 125	2	20
Arsenic	4.3		10.7	13.90		mg/Kg	☼	90	75 - 125	2	20
Barium	40.9		10.7	52.38		mg/Kg	☼	107	75 - 125	2	20
Beryllium	0.40	J	5.34	4.88		mg/Kg	☼	84	75 - 125	3	20
Cadmium	1.1	U	5.34	4.73		mg/Kg	☼	88	75 - 125	3	20
Calcium	9240		534	13250	4 N	mg/Kg	☼	751	75 - 125	41	20
Chromium	17.5		10.7	28.04		mg/Kg	☼	98	75 - 125	7	20
Cobalt	4.8		5.34	9.60		mg/Kg	☼	89	75 - 125	5	20
Copper	12.9		10.7	26.11		mg/Kg	☼	123	75 - 125	12	20
Iron	16000		534	17920	4	mg/Kg	☼	351	75 - 125	5	20
Lead	17.7		5.34	24.69	N	mg/Kg	☼	130	75 - 125	3	20
Magnesium	4470		534	6169	4 N	mg/Kg	☼	319	75 - 125	21	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-320403-C-3-J MSD
Matrix: Solid
Analysis Batch: 1021166

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 1021051

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Manganese	136		53.4	169.2	N	mg/Kg	☼	62	75 - 125	7	20
Nickel	12.0		10.7	22.12		mg/Kg	☼	94	75 - 125	18	20
Potassium	700		534	1215		mg/Kg	☼	96	75 - 125	0	20
Selenium	0.20	J	10.7	9.34		mg/Kg	☼	86	75 - 125	2	20
Silver	0.43	U	5.34	4.84		mg/Kg	☼	91	75 - 125	0	20
Sodium	114		534	593.4		mg/Kg	☼	90	75 - 125	0	20
Thallium	0.085	J	4.28	3.79		mg/Kg	☼	87	75 - 125	3	20
Vanadium	27.9		10.7	38.40		mg/Kg	☼	99	75 - 125	0	20
Zinc	43.6		53.4	91.44		mg/Kg	☼	89	75 - 125	12	20

Lab Sample ID: 460-320403-C-3-H DU
Matrix: Solid
Analysis Batch: 1021166

Client Sample ID: Duplicate
Prep Type: Total/NA
Prep Batch: 1021051

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	8520		9338		mg/Kg	☼	9	20
Antimony	1.1	U	1.1	U	mg/Kg	☼	NC	20
Arsenic	4.3		4.30		mg/Kg	☼	0.1	20
Barium	40.9		52.91	*	mg/Kg	☼	26	20
Beryllium	0.40	J	0.412	J	mg/Kg	☼	3	20
Cadmium	1.1	U	0.139	J	mg/Kg	☼	NC	20
Calcium	9240		8202		mg/Kg	☼	12	20
Chromium	17.5		18.91		mg/Kg	☼	8	20
Cobalt	4.8		5.12		mg/Kg	☼	6	20
Copper	12.9		18.65	*	mg/Kg	☼	36	20
Iron	16000		16790		mg/Kg	☼	5	20
Lead	17.7		20.96		mg/Kg	☼	17	20
Magnesium	4470		4138		mg/Kg	☼	8	20
Manganese	136		134.0		mg/Kg	☼	2	20
Nickel	12.0		12.92		mg/Kg	☼	7	20
Potassium	700		808.0		mg/Kg	☼	14	20
Selenium	0.20	J	0.206	J	mg/Kg	☼	5	20
Silver	0.43	U	0.43	U	mg/Kg	☼	NC	20
Sodium	114		122.0		mg/Kg	☼	7	20
Thallium	0.085	J	0.0901	J	mg/Kg	☼	6	20
Vanadium	27.9		28.89		mg/Kg	☼	4	20
Zinc	43.6		65.15	*	mg/Kg	☼	40	20

Lab Sample ID: MB 460-1020855/1-A
Matrix: Water
Analysis Batch: 1021166

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1020855

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	40.0	U	40.0	11.7	ug/L		02/12/25 09:26	02/13/25 13:30	1
Antimony	2.0	U	2.0	0.48	ug/L		02/12/25 09:26	02/13/25 13:30	1
Arsenic	2.0	U	2.0	1.2	ug/L		02/12/25 09:26	02/13/25 13:30	1
Barium	4.0	U	4.0	0.93	ug/L		02/12/25 09:26	02/13/25 13:30	1
Beryllium	0.80	U	0.80	0.12	ug/L		02/12/25 09:26	02/13/25 13:30	1
Cadmium	2.0	U	2.0	0.38	ug/L		02/12/25 09:26	02/13/25 13:30	1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 460-1020855/1-A
Matrix: Water
Analysis Batch: 1021166

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 1020855

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Calcium	500	U	500	31.7	ug/L		02/12/25 09:26	02/13/25 13:30	1
Chromium	4.0	U	4.0	1.7	ug/L		02/12/25 09:26	02/13/25 13:30	1
Cobalt	4.0	U	4.0	0.41	ug/L		02/12/25 09:26	02/13/25 13:30	1
Copper	4.0	U	4.0	2.0	ug/L		02/12/25 09:26	02/13/25 13:30	1
Iron	120	U	120	33.7	ug/L		02/12/25 09:26	02/13/25 13:30	1
Lead	1.2	U	1.2	0.42	ug/L		02/12/25 09:26	02/13/25 13:30	1
Magnesium	200	U	200	21.8	ug/L		02/12/25 09:26	02/13/25 13:30	1
Manganese	8.0	U	8.0	0.84	ug/L		02/12/25 09:26	02/13/25 13:30	1
Nickel	4.0	U	4.0	1.4	ug/L		02/12/25 09:26	02/13/25 13:30	1
Potassium	200	U	200	83.3	ug/L		02/12/25 09:26	02/13/25 13:30	1
Selenium	2.5	U	2.5	0.43	ug/L		02/12/25 09:26	02/13/25 13:30	1
Silver	2.0	U	2.0	1.3	ug/L		02/12/25 09:26	02/13/25 13:30	1
Sodium	500	U	500	180	ug/L		02/12/25 09:26	02/13/25 13:30	1
Thallium	0.80	U	0.80	0.19	ug/L		02/12/25 09:26	02/13/25 13:30	1
Vanadium	4.0	U	4.0	1.0	ug/L		02/12/25 09:26	02/13/25 13:30	1
Zinc	16.0	U	16.0	4.2	ug/L		02/12/25 09:26	02/13/25 13:30	1

Lab Sample ID: LCS 460-1020855/2-A
Matrix: Water
Analysis Batch: 1021166

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 1020855

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	2500	2468		ug/L		99	80 - 120
Antimony	25.0	24.50		ug/L		98	80 - 120
Arsenic	50.0	52.34		ug/L		105	80 - 120
Barium	50.0	52.75		ug/L		105	80 - 120
Beryllium	25.0	23.40		ug/L		94	80 - 120
Cadmium	25.0	25.16		ug/L		101	80 - 120
Calcium	2500	2657		ug/L		106	80 - 120
Chromium	50.0	53.80		ug/L		108	80 - 120
Cobalt	25.0	26.97		ug/L		108	80 - 120
Copper	50.0	54.98		ug/L		110	80 - 120
Iron	2500	2826		ug/L		113	80 - 120
Lead	25.0	25.43		ug/L		102	80 - 120
Magnesium	2500	2557		ug/L		102	80 - 120
Manganese	250	262.1		ug/L		105	80 - 120
Nickel	50.0	53.50		ug/L		107	80 - 120
Potassium	2500	2651		ug/L		106	80 - 120
Selenium	50.0	54.38		ug/L		109	80 - 120
Silver	25.0	26.09		ug/L		104	80 - 120
Sodium	2500	2761		ug/L		110	80 - 120
Thallium	20.0	20.06		ug/L		100	80 - 120
Vanadium	50.0	53.12		ug/L		106	80 - 120
Zinc	250	267.5		ug/L		107	80 - 120

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-319956-G-2-C MS
Matrix: Water
Analysis Batch: 1021166

Client Sample ID: Matrix Spike
Prep Type: Total Recoverable
Prep Batch: 1020855

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	2340		2500	4555		ug/L		89	75 - 125
Antimony	2.0	U	25.0	25.25		ug/L		101	75 - 125
Arsenic	1.3	J	50.0	54.50		ug/L		106	75 - 125
Barium	46.4		50.0	99.69		ug/L		107	75 - 125
Beryllium	5.5		25.0	28.37		ug/L		91	75 - 125
Cadmium	3.0		25.0	26.32		ug/L		93	75 - 125
Calcium	457000		2500	459100	4	ug/L		84	75 - 125
Chromium	191		50.0	231.8		ug/L		81	75 - 125
Cobalt	28.9		25.0	49.52		ug/L		83	75 - 125
Copper	503		50.0	528.0	4	ug/L		50	75 - 125
Iron	1230		2500	3839		ug/L		104	75 - 125
Lead	3.1		25.0	28.51		ug/L		102	75 - 125
Magnesium	351000		2500	353300	4	ug/L		93	75 - 125
Manganese	17400		250	17260	4	ug/L		-37	75 - 125
Nickel	3210		50.0	3218	4	ug/L		9	75 - 125
Potassium	73700		2500	76110	4	ug/L		95	75 - 125
Selenium	11.4		50.0	77.71	N	ug/L		133	75 - 125
Silver	2.0	U	25.0	22.00		ug/L		88	75 - 125
Thallium	0.22	J	20.0	18.83		ug/L		93	75 - 125
Vanadium	2.9	J	50.0	53.31		ug/L		101	75 - 125
Zinc	230		250	464.3		ug/L		94	75 - 125

Lab Sample ID: 460-319956-G-2-D MSD
Matrix: Water
Analysis Batch: 1021166

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total Recoverable
Prep Batch: 1020855

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Aluminum	2340		2500	4481		ug/L		86	75 - 125	2	20
Antimony	2.0	U	25.0	25.40		ug/L		102	75 - 125	1	20
Arsenic	1.3	J	50.0	54.92		ug/L		107	75 - 125	1	20
Barium	46.4		50.0	98.20		ug/L		104	75 - 125	2	20
Beryllium	5.5		25.0	28.67		ug/L		93	75 - 125	1	20
Cadmium	3.0		25.0	26.01		ug/L		92	75 - 125	1	20
Calcium	457000		2500	464200	4	ug/L		291	75 - 125	1	20
Chromium	191		50.0	226.5	N	ug/L		70	75 - 125	2	20
Cobalt	28.9		25.0	48.63		ug/L		79	75 - 125	2	20
Copper	503		50.0	521.9	4	ug/L		37	75 - 125	1	20
Iron	1230		2500	3801		ug/L		103	75 - 125	1	20
Lead	3.1		25.0	28.25		ug/L		101	75 - 125	1	20
Magnesium	351000		2500	351700	4	ug/L		29	75 - 125	0	20
Manganese	17400		250	17280	4	ug/L		-27	75 - 125	0	20
Nickel	3210		50.0	3234	4	ug/L		41	75 - 125	0	20
Potassium	73700		2500	76530	4	ug/L		112	75 - 125	1	20
Selenium	11.4		50.0	76.60	N	ug/L		130	75 - 125	1	20
Silver	2.0	U	25.0	21.82		ug/L		87	75 - 125	1	20
Thallium	0.22	J	20.0	18.58		ug/L		92	75 - 125	1	20
Vanadium	2.9	J	50.0	54.28		ug/L		103	75 - 125	2	20
Zinc	230		250	465.0		ug/L		94	75 - 125	0	20

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: 460-319956-G-2-B DU
Matrix: Water
Analysis Batch: 1021166

Client Sample ID: Duplicate
Prep Type: Total Recoverable
Prep Batch: 1020855

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Aluminum	2340		2242		ug/L		4	20
Antimony	2.0	U	2.0	U	ug/L		NC	20
Arsenic	1.3	J	2.0	U	ug/L		NC	20
Barium	46.4		44.34		ug/L		5	20
Beryllium	5.5		5.50		ug/L		0.2	20
Cadmium	3.0		2.78		ug/L		6	20
Calcium	457000		450000		ug/L		2	20
Chromium	191		185.5		ug/L		3	20
Cobalt	28.9		27.60		ug/L		5	20
Copper	503		489.1		ug/L		3	20
Iron	1230		1185		ug/L		4	20
Lead	3.1		2.93		ug/L		6	20
Magnesium	351000		342500		ug/L		2	20
Manganese	17400		16760		ug/L		3	20
Nickel	3210		3136		ug/L		2	20
Potassium	73700		71100		ug/L		4	20
Selenium	11.4		11.45		ug/L		0.05	20
Silver	2.0	U	2.0	U	ug/L		NC	20
Thallium	0.22	J	0.239	J	ug/L		6	20
Vanadium	2.9	J	2.72	J	ug/L		6	20
Zinc	230		218.6		ug/L		5	20

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 460-1021139/1-A
Matrix: Water
Analysis Batch: 1021220

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 1021139

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20	U	0.20	0.091	ug/L		02/13/25 11:50	02/13/25 14:27	1

Lab Sample ID: LCS 460-1021139/2-A
Matrix: Water
Analysis Batch: 1021220

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1021139

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	1.00	1.02		ug/L		102	80 - 120

Lab Sample ID: 460-319724-H-5-C MS
Matrix: Water
Analysis Batch: 1021220

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 1021139

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.20	U	1.00	1.08		ug/L		108	75 - 125

Method: 7470A - Mercury (CVAA) (Continued)

Lab Sample ID: 460-319724-H-5-B DU — **Client Sample ID: Duplicate**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 1021220 — **Prep Batch: 1021139**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.20	U		0.20	U	ug/L				NC	20

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1020552/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1020612 — **Prep Batch: 1020552**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		02/11/25 01:25	02/11/25 06:03	1

Lab Sample ID: LCSSRM 460-1020552/2-A ^40 — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1020612 — **Prep Batch: 1020552**

Analyte			Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury			22.8	24.93		mg/Kg		109.3	70.6 - 129.4		

Lab Sample ID: 460-320118-F-1-F MS — **Client Sample ID: Matrix Spike**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1020612 — **Prep Batch: 1020552**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Mercury	0.018	U	0.0876	0.0976		mg/Kg	☼	111	80 - 120		

Lab Sample ID: 460-320118-F-1-E DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1020612 — **Prep Batch: 1020552**

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Mercury	0.018	U		0.018	U	mg/Kg	☼			NC	20

Method: Moisture - Percent Moisture

Lab Sample ID: 460-320093-A-3 DU — **Client Sample ID: Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 1020445

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Percent Moisture	1.0	U		3.7		%				NC	20
Percent Solids	99.8			96.3		%				4	20

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

GC/MS VOA

Prep Batch: 1020331

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-1	SB-2_(5-7)	Total/NA	Solid	5035	
460-320182-2	SB-5_(16-18)	Total/NA	Solid	5035	
LB3 460-1020331/1-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 1020981

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-3	GW-2_020725	Total/NA	Water	8260D	
460-320182-4	GW-5_020725	Total/NA	Water	8260D	
MB 460-1020981/8	Method Blank	Total/NA	Water	8260D	
LCS 460-1020981/3	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1020981/4	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 1021012

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-1	SB-2_(5-7)	Total/NA	Solid	8260D	1020331
460-320182-2	SB-5_(16-18)	Total/NA	Solid	8260D	1020331
LB3 460-1020331/1-A	Method Blank	Total/NA	Solid	8260D	1020331
MB 460-1021012/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1021012/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1021012/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1020376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-3	GW-2_020725	Total/NA	Water	3510C	
460-320182-4	GW-5_020725	Total/NA	Water	3510C	
MB 460-1020376/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1020376/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1020376/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 1020417

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-3	GW-2_020725	Total/NA	Water	8270E	1020376
460-320182-4	GW-5_020725	Total/NA	Water	8270E	1020376
MB 460-1020376/1-A	Method Blank	Total/NA	Water	8270E	1020376
LCS 460-1020376/2-A	Lab Control Sample	Total/NA	Water	8270E	1020376
LCSD 460-1020376/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	1020376

Prep Batch: 1020420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-1	SB-2_(5-7)	Total/NA	Solid	3546	
460-320182-1 - DL	SB-2_(5-7)	Total/NA	Solid	3546	
MB 460-1020420/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1020420/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1020420/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-320153-C-24-A MS	Matrix Spike	Total/NA	Solid	3546	
460-320153-C-24-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3546	

GC/MS Semi VOA

Analysis Batch: 1020469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-1	SB-2_(5-7)	Total/NA	Solid	8270E	1020420
MB 460-1020420/1-A	Method Blank	Total/NA	Solid	8270E	1020420
LCS 460-1020420/2-A	Lab Control Sample	Total/NA	Solid	8270E	1020420
LCSD 460-1020420/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1020420
460-320153-C-24-A MS	Matrix Spike	Total/NA	Solid	8270E	1020420
460-320153-C-24-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8270E	1020420

Analysis Batch: 1020610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-1 - DL	SB-2_(5-7)	Total/NA	Solid	8270E	1020420

Prep Batch: 1020646

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-3	GW-2_020725	Total/NA	Water	3510C	
460-320182-4	GW-5_020725	Total/NA	Water	3510C	
MB 460-1020646/1-A	Method Blank	Total/NA	Water	3510C	
LCS 460-1020646/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 460-1020646/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	
460-320213-D-8-A MS	Matrix Spike	Total/NA	Water	3510C	
460-320213-E-8-B MSD	Matrix Spike Duplicate	Total/NA	Water	3510C	

Analysis Batch: 1020742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-3	GW-2_020725	Total/NA	Water	8270E SIM ID	1020646
460-320182-4	GW-5_020725	Total/NA	Water	8270E SIM ID	1020646
MB 460-1020646/1-A	Method Blank	Total/NA	Water	8270E SIM ID	1020646
LCS 460-1020646/2-A	Lab Control Sample	Total/NA	Water	8270E SIM ID	1020646
LCSD 460-1020646/3-A	Lab Control Sample Dup	Total/NA	Water	8270E SIM ID	1020646
460-320213-D-8-A MS	Matrix Spike	Total/NA	Water	8270E SIM ID	1020646
460-320213-E-8-B MSD	Matrix Spike Duplicate	Total/NA	Water	8270E SIM ID	1020646

Metals

Prep Batch: 1020552

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-1	SB-2_(5-7)	Total/NA	Solid	7471B	
MB 460-1020552/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1020552/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	
460-320118-F-1-F MS	Matrix Spike	Total/NA	Solid	7471B	
460-320118-F-1-E DU	Duplicate	Total/NA	Solid	7471B	

Analysis Batch: 1020612

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-1	SB-2_(5-7)	Total/NA	Solid	7471B	1020552
MB 460-1020552/1-A	Method Blank	Total/NA	Solid	7471B	1020552
LCSSRM 460-1020552/2-A ^	Lab Control Sample	Total/NA	Solid	7471B	1020552
460-320118-F-1-F MS	Matrix Spike	Total/NA	Solid	7471B	1020552
460-320118-F-1-E DU	Duplicate	Total/NA	Solid	7471B	1020552

Metals

Prep Batch: 1020855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-3	GW-2_020725	Total Recoverable	Water	3005A	
460-320182-4	GW-5_020725	Total Recoverable	Water	3005A	
MB 460-1020855/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 460-1020855/2-A	Lab Control Sample	Total Recoverable	Water	3005A	
460-319956-G-2-C MS	Matrix Spike	Total Recoverable	Water	3005A	
460-319956-G-2-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	3005A	
460-319956-G-2-B DU	Duplicate	Total Recoverable	Water	3005A	

Prep Batch: 1021051

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-1	SB-2_(5-7)	Total/NA	Solid	3050B	
MB 460-1021051/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1021051/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	
460-320403-C-3-I MS	Matrix Spike	Total/NA	Solid	3050B	
460-320403-C-3-J MSD	Matrix Spike Duplicate	Total/NA	Solid	3050B	
460-320403-C-3-H DU	Duplicate	Total/NA	Solid	3050B	

Prep Batch: 1021139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-3	GW-2_020725	Total/NA	Water	7470A	
460-320182-4	GW-5_020725	Total/NA	Water	7470A	
MB 460-1021139/1-A	Method Blank	Total/NA	Water	7470A	
LCS 460-1021139/2-A	Lab Control Sample	Total/NA	Water	7470A	
460-319724-H-5-C MS	Matrix Spike	Total/NA	Water	7470A	
460-319724-H-5-B DU	Duplicate	Total/NA	Water	7470A	

Analysis Batch: 1021166

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-1	SB-2_(5-7)	Total/NA	Solid	6020B	1021051
460-320182-3	GW-2_020725	Total Recoverable	Water	6020B	1020855
460-320182-3	GW-2_020725	Total Recoverable	Water	6020B	1020855
460-320182-4	GW-5_020725	Total Recoverable	Water	6020B	1020855
460-320182-4	GW-5_020725	Total Recoverable	Water	6020B	1020855
MB 460-1020855/1-A	Method Blank	Total Recoverable	Water	6020B	1020855
MB 460-1021051/1-A	Method Blank	Total/NA	Solid	6020B	1021051
LCS 460-1020855/2-A	Lab Control Sample	Total Recoverable	Water	6020B	1020855
LCSSRM 460-1021051/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1021051
460-319956-G-2-C MS	Matrix Spike	Total Recoverable	Water	6020B	1020855
460-319956-G-2-D MSD	Matrix Spike Duplicate	Total Recoverable	Water	6020B	1020855
460-320403-C-3-I MS	Matrix Spike	Total/NA	Solid	6020B	1021051
460-320403-C-3-J MSD	Matrix Spike Duplicate	Total/NA	Solid	6020B	1021051
460-319956-G-2-B DU	Duplicate	Total Recoverable	Water	6020B	1020855
460-320403-C-3-H DU	Duplicate	Total/NA	Solid	6020B	1021051

Analysis Batch: 1021220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-3	GW-2_020725	Total/NA	Water	7470A	1021139
460-320182-4	GW-5_020725	Total/NA	Water	7470A	1021139
MB 460-1021139/1-A	Method Blank	Total/NA	Water	7470A	1021139
LCS 460-1021139/2-A	Lab Control Sample	Total/NA	Water	7470A	1021139
460-319724-H-5-C MS	Matrix Spike	Total/NA	Water	7470A	1021139

Metals (Continued)

Analysis Batch: 1021220 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-319724-H-5-B DU	Duplicate	Total/NA	Water	7470A	1021139

General Chemistry

Analysis Batch: 1020445

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-320182-1	SB-2_(5-7)	Total/NA	Solid	Moisture	
460-320182-2	SB-5_(16-18)	Total/NA	Solid	Moisture	
460-320174-D-3 MS	Matrix Spike	Total/NA	Solid	Moisture	
460-320174-D-3 MSD	Matrix Spike Duplicate	Total/NA	Solid	Moisture	
460-320093-A-3 DU	Duplicate	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-320182-1

Client Sample ID: SB-2_(5-7)
Date Collected: 02/07/25 08:00
Date Received: 02/07/25 21:15

Lab Sample ID: 460-320182-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1020445	MVA	EET EDI	02/10/25 07:53

Client Sample ID: SB-2_(5-7)
Date Collected: 02/07/25 08:00
Date Received: 02/07/25 21:15

Lab Sample ID: 460-320182-1
Matrix: Solid
Percent Solids: 97.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1020331	YXG	EET EDI	02/08/25 16:10
Total/NA	Analysis	8260D		1	1021012	AAT	EET EDI	02/13/25 08:40
Total/NA	Prep	3546			1020420	AXB	EET EDI	02/10/25 06:29
Total/NA	Analysis	8270E		5	1020469	DXD	EET EDI	02/10/25 18:31
Total/NA	Prep	3546	DL		1020420	AXB	EET EDI	02/10/25 06:29
Total/NA	Analysis	8270E	DL	50	1020610	DXD	EET EDI	02/11/25 17:09
Total/NA	Prep	3050B			1021051	FBT	EET EDI	02/13/25 06:15
Total/NA	Analysis	6020B		1	1021166	CDC	EET EDI	02/13/25 16:10
Total/NA	Prep	7471B			1020552	TJS	EET EDI	02/11/25 01:25
Total/NA	Analysis	7471B		1	1020612	TJS	EET EDI	02/11/25 06:40

Client Sample ID: SB-5_(16-18)
Date Collected: 02/07/25 10:40
Date Received: 02/07/25 21:15

Lab Sample ID: 460-320182-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1020445	MVA	EET EDI	02/10/25 07:53

Client Sample ID: SB-5_(16-18)
Date Collected: 02/07/25 10:40
Date Received: 02/07/25 21:15

Lab Sample ID: 460-320182-2
Matrix: Solid
Percent Solids: 99.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1020331	YXG	EET EDI	02/08/25 16:11
Total/NA	Analysis	8260D		1	1021012	AAT	EET EDI	02/13/25 09:06

Client Sample ID: GW-2_020725
Date Collected: 02/07/25 08:05
Date Received: 02/07/25 21:15

Lab Sample ID: 460-320182-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1020981	KLB	EET EDI	02/13/25 01:12
Total/NA	Prep	3510C			1020376	ZEH	EET EDI	02/09/25 13:22
Total/NA	Analysis	8270E		1	1020417	DXD	EET EDI	02/10/25 11:01
Total/NA	Prep	3510C			1020646	SXS	EET EDI	02/11/25 09:13
Total/NA	Analysis	8270E SIM ID		1	1020742	MME	EET EDI	02/12/25 00:21
Total Recoverable	Prep	3005A			1020855	NNW	EET EDI	02/12/25 09:26
Total Recoverable	Analysis	6020B		1	1021166	CDC	EET EDI	02/13/25 14:57

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: 35-30 Steinway St, Astoria

Job ID: 460-320182-1

Client Sample ID: GW-2_020725

Lab Sample ID: 460-320182-3

Date Collected: 02/07/25 08:05

Matrix: Water

Date Received: 02/07/25 21:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total Recoverable	Prep	3005A			1020855	NNW	EET EDI	02/12/25 09:26
Total Recoverable	Analysis	6020B		10	1021166	CDC	EET EDI	02/13/25 16:23
Total/NA	Prep	7470A			1021139	RBS	EET EDI	02/13/25 11:50
Total/NA	Analysis	7470A		1	1021220	RBS	EET EDI	02/13/25 15:13

Client Sample ID: GW-5_020725

Lab Sample ID: 460-320182-4

Date Collected: 02/07/25 10:45

Matrix: Water

Date Received: 02/07/25 21:15

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1020981	KLB	EET EDI	02/13/25 01:36
Total/NA	Prep	3510C			1020376	ZEH	EET EDI	02/09/25 13:22
Total/NA	Analysis	8270E		1	1020417	DXD	EET EDI	02/10/25 10:40
Total/NA	Prep	3510C			1020646	SXS	EET EDI	02/11/25 09:13
Total/NA	Analysis	8270E SIM ID		1	1020742	MME	EET EDI	02/12/25 00:37
Total Recoverable	Prep	3005A			1020855	NNW	EET EDI	02/12/25 09:26
Total Recoverable	Analysis	6020B		1	1021166	CDC	EET EDI	02/13/25 15:00
Total Recoverable	Prep	3005A			1020855	NNW	EET EDI	02/12/25 09:26
Total Recoverable	Analysis	6020B		5	1021166	CDC	EET EDI	02/13/25 16:26
Total/NA	Prep	7470A			1021139	RBS	EET EDI	02/13/25 11:50
Total/NA	Analysis	7470A		1	1021220	RBS	EET EDI	02/13/25 15:15

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-25

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3510C	Water	3 & 4 Methylphenol
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
8270E SIM ID	Semivolatile Organic Compounds (GC/MS SIM / Isotope Dilution)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7470A	Mercury (CVAA)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7470A	Preparation, Mercury	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Job ID: 460-320182-1
Project/Site: 35-30 Steinway St, Astoria

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-320182-1	SB-2_(5-7)	Solid	02/07/25 08:00	02/07/25 21:15
460-320182-2	SB-5_(16-18)	Solid	02/07/25 10:40	02/07/25 21:15
460-320182-3	GW-2_020725	Water	02/07/25 08:05	02/07/25 21:15
460-320182-4	GW-5_020725	Water	02/07/25 10:45	02/07/25 21:15

Eurofins Edison
777 New Durham Road
Edison NJ 08817
Phone (732) 549-3900 Phone (732) 549-3679

Chain of Custody Record

NY 22

eurofins

Client Information	Sampler: Zoe Sat	Lab PM: Flannery, Elizabeth J	Carrier Tracking No(s):	COC No: 460-191165-125073 1
Client Contact: Jack Rusk	Phone: 9176352380	E-Mail: Elizabeth Flannery@et eurofinsus com	State of Origin:	Page: Page 1 of 1
Company: Roux Environmental Eng & Geology DPC	PWSID:			Job #: 320182
Address: 209 Shafter St	Due Date Requested:			
City: Islandia	TAT Requested (days): standard TAT			
State, Zip: NY, 11749	Compliance Project: Δ Yes Δ No			
Phone: 6312322600	PO #: 4806 0001Y000			
Email: jrusk@rouxinc com	WO #:			
Project Name: 35-30 Steinway St, Astoria	Project #: 46044959			
Site: 35-30 Steinway St, Astoria, NY	SSOW#:			

Analysis Requested

Preservation Codes:
N - None
D - HNO3
A - HCL

SHORT HOLD

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - TCL/Part 375 VOCs	8270E - TCL/Part 375 BNAs	8270E_SIM_MS_ID - 1,4-Dioxane (GC/MS SIM / Isotope Dilutio	6020B - TAL Metals+Hg	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N/A	N	N	N/D		
SB-2_(5-7)	2/7/25	0800	G	Solid			X	X	X	X	5	
SB-5_(16-18)		1040		Solid			X	X	X	X	5	
GW-2_020725		0905		Water			X	X	X	X	8	
GW-5_020725		1045		Water			X	X	X	X	8	

460-320182 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested I, II, III, IV, Other (specify)

Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Zoe Sat	2/7/25 12:30	ROUX		02/07/25 12:30	TAN YC
2		02/07/25 16:00	TAN YC		2-7-25 16:30	ET
3		2-7-25 21:15	ET		2/7 2115	ETA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No: NO

Cooler Temperature(s) °C and Other Remarks: ET 2.5/2.7

Ver 05 06 2024

4/28/2025

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 320182

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	℃	℃	Cooler #4:	℃	℃	Cooler #7:	℃	℃
Cooler #2:	℃	℃	Cooler #5:	℃	℃	Cooler #8:	℃	℃
Cooler #3:	℃	℃	Cooler #6:	℃	℃	Cooler #9:	℃	℃

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

* *Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: MPL Date: 2-7-25

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-320182-1

Login Number: 320182
List Number: 1
Creator: Rivera, Kenneth

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	