

LocationID		HM-SPR05
DateSampled		9/16/2025
Field Measurements	Temperature, water (°C)	15.8*
	pH (none)	6.65*
	Turbidity (NTU)	0.49*
	Specific Conductance (uS/cm)	335*
Alkalinity and Hardness	Alkalinity, Total (mg/L CaCO3)	135
	Hardness, Ca, Mg (mg/L)	144
Suspended and Dissolved Solids	Total suspended solids (mg/L)	<2.00
	Total dissolved solids (mg/L)	202
Dissolved Organic Carbon	Dissolved Organic Carbon (mg/L)	<1.00
Nutrients	Ammonia (mg/L)	<0.030
	Nitrate + Nitrite (mg/L)	5.9
	Total Kjeldahl Nitrogen (mg/L)	<0.10
	Total Nitrogen, mixed forms/Lachat (mg/L)	5.8
	Orthophosphate (mg/L)	0.022
	Total Phosphorus, mixed forms (mg/L)	0.03
Anions	Bromide (mg/L)	0.13
	Chloride (mg/L)	9.31
	Fluoride (mg/L)	<0.10
	Sulfate (mg/L)	4.53
	Dissolved Aluminum (mg/L)	<0.100
	Total Recoverable Aluminum (mg/L)	<0.100
	Dissolved Antimony (ug/L)	<2.00
	Total Recoverable Antimony (ug/L)	<2.00
	Dissolved Arsenic (ug/L)	<1.00
	Total Recoverable Arsenic (ug/L)	<1.00
	Dissolved Barium (ug/L)	50.9
	Total Recoverable Barium (ug/L)	51.6
	Dissolved Beryllium (ug/L)	<1.00
	Total Recoverable Beryllium (ug/L)	<1.00
	Dissolved Cadmium (ug/L)	<0.300
	Total Recoverable Cadmium (ug/L)	<0.300
	Dissolved Calcium (mg/L)	54.8
	Total Recoverable Calcium (mg/L)	56.9
	Dissolved Chromium (ug/L)	<1.00
	Total Recoverable Chromium (ug/L)	<1.00
	Dissolved Cobalt (ug/L)	<0.100
	Total Recoverable Cobalt (ug/L)	<0.100
	Dissolved Copper (ug/L)	<0.500
	Total Recoverable Copper (ug/L)	<0.500

Metals	Total Recoverable Copper (ug/L)	<0.500
	Dissolved Iron (mg/L)	<0.100
	Total Recoverable Iron (mg/L)	<0.100
	Dissolved Lead (ug/L)	<0.500
	Total Recoverable Lead (ug/L)	<0.500
	Dissolved Magnesium (mg/L)	1.72
	Total Recoverable Magnesium (mg/L)	1.73
	Dissolved Manganese (mg/L)	<0.0200
	Total Recoverable Manganese (mg/L)	<0.0200
	Dissolved Nickel (ug/L)	<0.500
	Total Recoverable Nickel (ug/L)	<0.500
	Dissolved Phosphorus (mg/L)	<1.00
	Total Recoverable Phosphorus (mg/L)	<1.00
	Dissolved Potassium (mg/L)	1.45
	Total Recoverable Potassium (mg/L)	1.72
	Dissolved Selenium (ug/L)	<5.00
	Total Recoverable Selenium (ug/L)	<5.00
	Dissolved Silver (ug/L)	<0.100
	Total Recoverable Silver (ug/L)	<0.100
	Dissolved Sodium (mg/L)	10.5
	Total Recoverable Sodium (mg/L)	10.6
	Dissolved Thallium (ug/L)	<0.500
	Total Recoverable Thallium (ug/L)	<0.500
	Dissolved Vanadium (ug/L)	0.235
	Total Recoverable Vanadium (ug/L)	0.237
	Dissolved Zinc (ug/L)	<5.00
	Total Recoverable Zinc (ug/L)	<5.00
	Dibenz[a,h]anthracene (ug/L)	< 5.00
	1,2,4-Trichlorobenzene (ug/L)	< 10.0
	1,2-Dichlorobenzene (o) (ug/L)	< 10.0
	1,3-Dichlorobenzene (ug/L)	< 10.0
	1,4-Dichlorobenzene (p) (ug/L)	< 10.0
	1-Methylnaphthalene (ug/L)	< 10.0
	2,4,5-Trichlorophenol (ug/L)	< 10.0
	2,4,6-Trichlorophenol (ug/L)	< 5.00
	2,4-Dichlorophenol (ug/L)	< 5.00
	2,4-Dimethylphenol (ug/L)	< 5.00
	2,4-Dinitrophenol (ug/L)	< 10.0
	2,4-Dinitrotoluene (ug/L)	< 5.00
	2,6-Dinitrotoluene (ug/L)	< 5.00
	2-Chloronaphthalene (ug/L)	< 10.0
	2-Chlorophenol (ug/L)	< 5.00

Semi-Volatiles

2-Methylnaphthalene (ug/L)	< 10.0
2-Methylphenol (ug/L)	< 5.00
2-Nitroaniline (ug/L)	< 10.0
2-Nitrophenol (ug/L)	< 5.00
2,2'-Oxybis(1-Chloropropane) (ug/L)	< 10.0
3 & 4-Methylphenol (ug/L)	< 5.00
3,3-Dichlorobenzidine (ug/L)	< 5.00
3-Nitroaniline (ug/L)	< 5.00
4,6-Dinitro-2-methylphenol (ug/L)	< 10.0
4-Bromophenyl-phenylether (ug/L)	< 5.00
4-Chloro-3-methylphenol (ug/L)	< 10.0
4-Chloroaniline (ug/L)	< 5.00
4-Chlorophenyl-phenylether (ug/L)	< 10.0
4-Nitroaniline (ug/L)	< 5.00
4-Nitrophenol (ug/L)	< 10.0
Acenaphthene (ug/L)	< 10.0
Acenaphthylene (ug/L)	< 10.0
Aniline (ug/L)	< 5.00
Anthracene (ug/L)	< 5.00
Azobenzene (ug/L)	< 10.0
Benzidine (ug/L)	< 10.0
Benzo (a) anthracene (ug/L)	< 5.00
Benzo[a]pyrene (ug/L)	< 5.00
Benzo[b]fluoranthene (ug/L)	< 5.00
Benzo[g,h,i]perylene (ug/L)	< 5.00
Benzo[k]fluoranthene (ug/L)	< 5.00
Benzoic acid (ug/L)	< 15.0
Benzyl alcohol (ug/L)	< 5.00
Bis(2-chloroethoxy)methane (ug/L)	< 5.00
Bis(2-chloroethyl)ether (ug/L)	< 5.00
Bis(2-ethylhexyl)phthalate (ug/L)	< 5.00
Butylbenzylphthalate (ug/L)	< 5.00
Carbazole (ug/L)	< 10.0
Chrysene (ug/L)	< 5.00
Dibenzofuran (ug/L)	< 5.00
Diethylphthalate (ug/L)	< 5.00
Dimethylphthalate (ug/L)	< 5.00
Di-n-butylphthalate (ug/L)	< 5.00
Di-n-octylphthalate (ug/L)	< 5.00
Fluoranthene (ug/L)	< 5.00
Fluorene (ug/L)	< 5.00
Hexachlorobenzene (ug/L)	< 5.00

	Hexachlorobutadiene (ug/L)	< 10.0
	Hexachlorocyclopentadiene (ug/L)	< 10.0
	Hexachloroethane (ug/L)	< 5.00
	Indeno[1,2,3-cd]pyrene (ug/L)	< 5.00
	Isophorone (ug/L)	< 10.0
	Naphthalene (ug/L)	< 10.0
	Nitrobenzene (ug/L)	< 5.00
	N-Nitrosodimethylamine (ug/L)	< 5.00
	N-Nitroso-di-n-propylamine (ug/L)	< 5.00
	N-Nitrosodiphenylamine/diphenylamine (ug/L)	< 5.00
	Pentachlorophenol (ug/L)	< 5.00
	Phenanthrene (ug/L)	< 5.00
	Phenol (ug/L)	< 5.00
	Pyrene (ug/L)	< 5.00
	Pyridine (ug/L)	< 5.00
	2,4,6-Tribromophenol [surr] (%)	88.1
	2-Fluorobiphenyl [surr] (%)	84.4
	2-Fluorophenol [surr] (%)	62.3
	Nitrobenzene-d5 [surr] (%)	85
	Phenol-d5 [surr] (%)	47.9
	Terphenyl-d1:4 [surr] (%)	140
	1,1,1,2-Tetrachloroethane (ug/L)	< 1.00
	1,1,1-Trichloroethane (ug/L)	< 1.00
	1,1,2,2-Tetrachloroethane (ug/L)	< 1.00
	1,1,2-Trichloroethane (ug/L)	< 1.00
	1,1-Dichloroethane (ug/L)	< 1.00
	1,1-Dichloroethene (ug/L)	< 2.00
	1,1-Dichloropropene (ug/L)	< 2.00
	1,2,3-Trichlorobenzene (ug/L)	< 1.00
	1,2,3-Trichloropropane (ug/L)	< 2.00
	1,2,4- Trimethylbenzene (ug/L)	< 1.00
	1,2,4-Trichlorobenzene (ug/L)	< 1.00
	1,2-Dibromo-3-chloropropane (ug/L)	< 3.00
	1,2-Dibromoethane (ug/L)	< 1.00
	1,2-Dichlorobenzene (o) (ug/L)	< 1.00
	1,2-Dichloroethane (ug/L)	< 1.00
	1,2-Dichloropropane (ug/L)	< 1.00
	1,3,5- Trimethylbenzene (ug/L)	< 1.00
	1,3-Dichlorobenzene (ug/L)	< 1.00
	1,3-Dichloropropane (ug/L)	< 1.00
	1,4-Dichlorobenzene (p) (ug/L)	< 1.00
	2,2-Dichloropropane (ug/L)	< 2.00

Volatiles

2-Butanone (ug/L)	< 2.00
2-Chloroethyl Vinyl Ether (ug/L)	< 1.00
2-Chlorotoluene (ug/L)	< 1.00
2-Hexanone (ug/L)	< 2.00
4-Chlorotoluene (ug/L)	< 1.00
4-Methyl-2-pentanone (ug/L)	< 1.00
Acrolein (ug/L)	< 4.00
Acrylonitrile (ug/L)	< 2.00
Benzene (ug/L)	< 1.00
Bromobenzene (ug/L)	< 1.00
Bromochloromethane (ug/L)	< 1.00
Bromodichloromethane (ug/L)	< 1.00
Bromoform (ug/L)	< 1.00
Bromomethane (ug/L)	< 2.00
Carbon disulfide (ug/L)	< 1.00
Carbon Tetrachloride (ug/L)	< 2.00
Chlorobenzene (ug/L)	< 1.00
Dibromochloromethane (ug/L)	< 1.00
Chloroethane (ug/L)	< 2.00
Chloroform (ug/L)	< 2.00
Chloromethane (ug/L)	< 1.00
cis-1,2-Dichloroethene (ug/L)	< 1.00
cis-1,3-Dichloropropene (ug/L)	< 1.00
Dibromomethane (ug/L)	< 1.00
Dichlorodifluoromethane (ug/L)	< 1.00
Ethylbenzene (ug/L)	< 1.00
Hexachlorobutadiene (ug/L)	< 1.00
Isopropylbenzene (ug/L)	< 1.00
Methylene Chloride (ug/L)	< 2.00
Methyl-tert-Butyl Ether (ug/L)	< 1.00
Naphthalene (ug/L)	< 1.00
m,p-Xylene (ug/L)	< 2.00
n-Butylbenzene (ug/L)	< 1.00
n-Propylbenzene (ug/L)	< 1.00
o-Xylene (ug/L)	< 1.00
p-Isopropyltoluene (ug/L)	< 1.00
sec-Butylbenzene (ug/L)	< 1.00
Styrene (ug/L)	< 1.00
tert-Butylbenzene (ug/L)	< 1.00
Tetrachloroethene (ug/L)	< 1.00
Toluene (ug/L)	< 1.00
trans-1,2-Dichloroethene (ug/L)	< 2.00

	trans-1,3-Dichloropropene (ug/L)	< 1.00
	Trichloroethene (ug/L)	< 2.00
	Trichlorofluoromethane (ug/L)	< 2.00
	Vinyl chloride (ug/L)	< 2.00
	4-Bromofluorobenzene [surr] (%)	97.9
	1,2-Dichloroethane-d4 [surr] (%)	111
	Toluene-dB [surr] (%)	103

