Additional Monitoring Data   2020   Hawthorn Woods

Compound	Results	Units	MCL	Sample Date*	Possible Source of Contaminant
Inorganics					
Arsenic	<1.0	µg/L	10	3.30.20	*Erosion from natural deposits*
Calcium	35.5	mg/L	n/a	4.1.20	*Erosion from limestone or calcium containing rocks*
Sodium	58.5	mg/L	n/a	4.1.20	*Road salt, water softeners*
Sulfate	18.0	mg/L	250	3.27.20	*Erosion from soils and rock containing sulfates*
Alkalinity	259.5	mg/L	n/a	3.17.20	*Calcium carbonate, erosion from limestone or soils with dolomite and calcite*
Chloride	10.1	mg/L	250	3.30.20	*Road salt, water softeners, naturally occurring*
Fluoride	1.00	mg/L	4	3.30.20	*Erosion from natural deposits, added in the water treatment process*
Total Hardness	160.0	mg/L	n/a	3.30.20	*Corrosion of water pipes*
Iron	0.110	mg/L	0.3	3.19.20	*Corrosion of iron pipes and iron baring soils*
Manganese	<0.03	mg/L	0.05	3.19.20	*Natural element in soils*
pH	7.9	S.U.	6.5-8.5	3.16.20	*Corrosion of water pipes*
Zinc	<0.03	mg/L	5	3.27.20	*Galvanized surfaces, erosion of natural resources*
Organics					
Vinyl Chloride	<0.5	µg/L	0.5	8.27.20	*PVC piping, discharge from plastic factories*
1,1 Dichloroethene	<0.5	µg/L	0.5	8.27.20	*Industrial discharge from chemical and plastic factories*
Methylene chloride	<0.5	µg/L	0.5	8.27.20	*Industrial solvent, paint stripper*
MTBE	<0.5	µg/L	0.5	8.27.20	*Leaking underground storage tanks, was used as a fuel additive*
trans-1,2-Dichloroethene	<0.5	µg/L	0.5	8.27.20	*Industrial discharge from chemical and plastic factories*
cis-1,2-Dichloroethene	<0.5	µg/L	0.5	8.27.20	*Discharge from industrial chemical factories*
1,1,1-Trichloroethane	<0.5	µg/L	0.5	8.27.20	*Discharge from metal degreasing sites and other factories*
Carbon tetrachloride	<0.5	µg/L	0.5	8.27.20	*Discharge from chemical plants and other industrial activities*
Benzene	<0.5	µg/L	0.5	8.27.20	*Discharge from factories; leaching from gas storage tanks and landfills*
1,2-Dichloroethane	<0.5	µg/L	0.5	8.27.20	*Discharge from industrial chemical factories*
Trichloroethene	<0.5	µg/L	0.5	8.27.20	*Discharge from industrial chemical factories*
1,2-Dichloropropane	<0.5	µg/L	0.5	8.27.20	*Discharge from industrial chemical factories*
Toluene	<0.5	µg/L	0.5	8.27.20	*Discharge from petroleum factories*
Tetrachloroethene	<0.5	µg/L	0.5	8.27.20	*Discharge from factories, dry cleaners*

Additional Monitoring Data — 2020 — Hawthorn Woods

Compound	Results	Units	MCL	Sample Date*	Possible Source of Contaminant
Organics					
Tetrachloroethene	<0.5	µg/L	0.5	8.27.20	Discharge from factories, dry cleaners
1,1,2-Trichloroethane	<0.5	µg/L	0.5	8.27.20	Discharge from industrial chemical factories
Chlorobenzene	<0.5	µg/L	0.5	8.27.20	Discharge from chemical and agricultural chemical factories
Ethylbenzene	<0.5	µg/L	0.5	8.27.20	Discharge from petroleum refineries
Xylenes	<0.5	µg/L	0.5	8.27.20	Discharge from petroleum refineries and chemical factories
Unregulated Contaminants					
PFOA	<2.0	ng/L	2.0	12.19.20	Manmade chemical to make Teflon
PFOS	<2.0	ng/L	2.0	12.19.20	Fabric protector, manmade fluorosurfactant and global pollutant

mg/L - Parts per Million

µg/L - Parts per Billion

Ng/L - Parts per Trillion