

**Additional Monitoring Data** **2020** **Fox Lake Hills**

| Compound                 | Results | Units | MCL     | Sample Date* | Possible Source of Contaminant   |
|--------------------------|---------|-------|---------|--------------|--|
| <b>Inorganics</b>        |         |       |         |              |  |
| Arsenic                  | <1.0    | µg/L  | 10      | 3.24.20      | Erosion from natural deposits  |
| Calcium                  | 40.7    | mg/L  | n/a     | 3.27.20      | Erosion from limestone or calcium containing rocks                           |
| Sodium                   | 18.7    | mg/L  | n/a     | 3.27.20      | Road salt, water softeners   |
| Sulfate                  | 37.7    | mg/L  | 250     | 3.27.20      | Erosion from soils and rock containing sulfates                              |
| Alkalinity               | 194.7   | mg/L  | n/a     | 3.27.20      | Calcium carbonate, erosion from limestone or soils with dolomite and calcite |
| Chloride                 | 10.61   | mg/L  | 250     | 3.27.20      | Road salt, water softeners, naturally occurring                              |
| Fluoride                 | 0.626   | mg/L  | 4       | 3.27.20      | Erosion from natural deposits, added in the water treatment process          |
| Total Hardness           | 212.0   | mg/L  | n/a     | 3.27.20      | Corrosion of water pipes   |
| Iron                     | 0.261   | mg/L  | 0.3     | 3.27.20      | Corrosion of iron pipes and iron baring soils                                |
| Manganese                | <0.03   | mg/L  | 0.05    | 3.27.20      | Natural element in soils   |
| pH                       | 7.9     | S.U.  | 6.5-8.5 | 3.27.20      | Corrosion of water pipes   |
| Zinc                     | <0.03   | mg/L  | 5       | 3.27.20      | Galvanized surfaces, erosion of natural resources                            |
| <b>Organics</b>          |         |       |         |              |  |
| Vinyl Chloride           | <0.5    | µg/L  | 0.5     | 1.27.14      | PVC piping, discharge from plastic factories                                 |
| 1,1 Dichloroethene       | <0.5    | µg/L  | 0.5     | 1.27.14      | Industrial discharge from chemical and plastic factories                     |
| Methylene chloride       | <0.5    | µg/L  | 0.5     | 1.27.14      | Industrial solvent, paint stripper   |
| MTBE                     | <0.5    | µg/L  | 0.5     | 1.27.14      | Leaking underground storage tanks, was used as a fuel additive               |
| trans-1,2-Dichloroethene | <0.5    | µg/L  | 0.5     | 1.27.14      | Industrial discharge from chemical and plastic factories                     |
| cis-1,2-Dichloroethene   | <0.5    | µg/L  | 0.5     | 1.27.14      | Discharge from industrial chemical factories                                 |
| 1,1,1-Trichloroethane    | <0.5    | µg/L  | 0.5     | 1.27.14      | Discharge from metal degreasing sites and other factories                    |
| Carbon tetrachloride     | <0.5    | µg/L  | 0.5     | 1.27.14      | Discharge from chemical plants and other industrial activities               |
| Benzene                  | <0.5    | µg/L  | 0.5     | 1.27.14      | Discharge from factories; leaching from gas storage tanks and landfills      |
| 1,2-Dichloroethane       | <0.5    | µg/L  | 0.5     | 1.27.14      | Discharge from industrial chemical factories                                 |
| Trichloroethene          | <0.5    | µg/L  | 0.5     | 1.27.14      | Discharge from industrial chemical factories                                 |
| 1,2-Dichloropropane      | <0.5    | µg/L  | 0.5     | 1.27.14      | Discharge from industrial chemical factories                                 |
| Toluene                  | <0.5    | µg/L  | 0.5     | 1.27.14      | Discharge from petroleum factories   |
| Tetrachloroethene        | <0.5    | µg/L  | 0.5     | 1.27.14      | Discharge from factories, dry cleaners                                       |

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| Tetrachloroethene               | <0.5    | µg/L  | 0.5  | 1.27.14      | Discharge from factories, dry cleaners                          |
| 1,1,2-Trichloroethane           | <0.5    | µg/L  | 0.5  | 1.27.14      | Discharge from industrial chemical factories                    |
| Chlorobenzene                   | <0.5    | µg/L  | 0.5  | 1.27.14      | Discharge from chemical and agricultural chemical factories     |
| Ethylbenzene                    | <0.5    | µg/L  | 0.5  | 1.27.14      | Discharge from petroleum refineries                             |
| Xylenes                         | <0.5    | µg/L  | 0.5  | 1.27.14      | Discharge from petroleum refineries and chemical factories      |
| <b>Unregulated Contaminants</b> |         |       |      |              |   |
| PFOA                            | 2.1     | ng/L  | 2.0  | 3.14.19      | Manmade chemical to make Teflon                                 |
| PFOS                            | <2.0    | ng/L  | 2.0  | 3.14.19      | Fabric protector, manmade fluorosurfactant and global pollutant |

mg/L - Parts per Million

µg/L - Parts per Billion

Ng/L - Parts per Trillion