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| --- | --- | --- | --- |
| **Inorganic Contaminants (IOCs)** | | | |
| **Metals** | **Result (mg/L)** | **MCL**  **(mg/L)** | **Date Tested** |
| Antimony | ND | 0.010 | 2022 |
| Arsenic | ND | 0.010 | 2022 |
| Barium | 0.0208 | 2.000 | 2022 |
| Beryllium | ND | 0.004 | 2022 |
| Cadmium | ND | 0.005 | 2022 |
| Chromium | ND | 0.100 | 2022 |
| Mercury | ND | 0.002 | 2022 |
| Nickel | ND | 0.100 | 2022 |
| Selenium | ND | 0.050 | 2022 |
| Thallium | ND | 0.002 | 2022 |
| Lead | <0.005 | 0.015 | 1991 |
| Silver | <0.0100 | 0.100 | 1991 |
| **Non-Metals** | **Result (mg/L)** | **MCL**  **(mg/L)** | **Date Tested** |
| Cyanide | ND | 0.200 | 2022 |
| Fluoride | 0.12 | 2.200 | 2022 |
| Sulfate | 22.7 | 250.00 | 2018 |
| Nitrate (as Nitrogen) | <1.0 | 10.00 | 2022 |
| Nitrite (as Nitrogen) | <0.010 | 1.000 | 2022 |
| **Principle Organic Contaminants (POCs)** | | | |
| **Volatile Organics** | **Result (mg/L)** | **MCL**  **(mg/L)** | **Date Tested** |
| Benzene | ND | 0.0050 | 2022 |
| Bromobenzene | ND | 0.0050 | 2022 |
| Bromochloromethane | ND | 0.0050 | 2022 |
| Bromomethane | ND | 0.0050 | 2022 |
| Carbon Tetrachloride | ND | 0.0050 | 2022 |
| Chlorobenzene | ND | 0.0050 | 2022 |
| Chloroethane | ND | 0.0050 | 2022 |
| Chloromethane | ND | 0.0050 | 2022 |
| Dibromomethane | ND | 0.0050 | 2022 |
| Dichlorodifluoromethane  (CFC 12) | ND | 0.0050 | 2022 |
| Methylene Chloride | ND | 0.0050 | 2022 |
| Ethylbenzene | ND | 0.0050 | 2022 |
| Hexachlorobutadiene | ND | 0.0050 | 2022 |
| Isopropylbenzene (Cumene) | ND | 0.0050 | 2022 |
| Methyl tert-Butyl Ether | ND | 0.0050 | 2022 |
| Styrene | ND | 0.0050 | 2022 |
| Tetrachloroethene (PCE) | ND | 0.0050 | 2022 |
| Toluene | ND | 0.0050 | 2022 |
| Trichloroethene | ND | 0.0050 | 2022 |
| Trichlorofluoromethane | ND | 0.0050 | 2022 |
| 1,1-Dichloropropene | ND | 0.0050 | 2022 |
| 1,1,1-Trichloroethane | ND | 0.0050 | 2022 |
| 1,1,1,2-Tetrachloroethane | ND | 0.0050 | 2022 |
| 1,1,2,2-Tetrachloroethane | ND | 0.0050 | 2022 |
| 1,1,2-Trichloroethane | ND | 0.0050 | 2022 |
| 1,1-Dichloroethene (1,1-DCE) | ND | 0.0050 | 2022 |
| 1,2,3-Trichlorobenzene | ND | 0.0050 | 2022 |
| 1,2,3-Trichloropropane | ND | 0.0050 | 2022 |
| 1,2,4-Trichlorobenzene | ND | 0.0050 | 2022 |
| 1,2,4-Trimethylbenzene | ND | 0.0050 | 2022 |
| 1,2-Dichlorobenzene | ND | 0.0050 | 2022 |
| 1,2-Dichloroethane | ND | 0.0050 | 2022 |
| 1,3,5-Trimethylbenzene | ND | 0.0050 | 2022 |
| 1,3-Dichlorobenzene | ND | 0.0050 | 2022 |
| 1,3-Dichloropropane | ND | 0.0050 | 2022 |
| 1,4-Dichlorobenzene | ND | 0.0050 | 2022 |
| 2,2-Dichloropropane | ND | 0.0050 | 2022 |
| 2-Chlorotoluene | ND | 0.0050 | 2022 |
| 4-Chlorotoluene | ND | 0.0050 | 2022 |
| p-Isopropyltoluene | ND | 0.0050 | 2022 |
| Vinyl Chloride | ND | 0.0050 | 2022 |
| cis-1,2-Dichloroethene | ND | 0.0050 | 2022 |
| cis-1,3-Dichloropropene | ND | 0.0050 | 2022 |
| m-Xylene | ND | 0.0050 | 2022 |
| p-Xylene | ND | 0.0050 | 2022 |
| n-Butylbenzene | ND | 0.0050 | 2022 |
| n-Propylbenzene | ND | 0.0005 | 2022 |
| o-Xylene | ND | 0.0005 | 2022 |
| sec-Butylbenzene | ND | 0.0005 | 2022 |
| tert-Butylbenzene | ND | 0.0005 | 2022 |
| trans-1,2-Dichloroethene | ND | 0.0005 | 2022 |
| trans-1,3-Dichloropropene | ND | 0.0005 | 2022 |
| 1,1-Dichloroethane (SPCC) | ND | 0.0005 | 2022 |
| 1,2-Dichloropropane (CCC) | ND | 0.0005 | 2022 |
| Total Trihalomethanes | ND | 0.080 | 2022 |
| HAA5’s | ND | 0.060 | 2022 |
| **Synthetic Organics** | **Result (mg/L)** | **MCL**  **(mg/L)** | **Date Tested** |
| Alachlor | ND | 0.0020 | 2022 |
| Aldrin | ND | 0.0050 | 2022 |
| Atrazine | ND | 0.0030 | 2022 |
| Benzo(a)pyrene | ND | 0.0002 | 2022 |
| bis(2-Ethylhexyl) phthalate | ND | 0.0060 | 2022 |
| Butachlor | ND | 0.0500 | 2022 |
| Di(2-Ethylhexyl)adipate | ND | 0.4000 | 2022 |
| Chlordane | ND | 0.0020 | 2022 |
| Dieldrin | ND | 0.0050 | 2022 |
| Endrin | ND | 0.0020 | 2022 |
| Heptachlor | ND | 0.0004 | 2022 |
| Heptachlor epoxide | ND | 0.0002 | 2022 |
| Hexachlorobenzene | ND | 0.001 | 2022 |
| Hexachlorocyclopentadiene | ND | 0.0500 | 2022 |
| Methoxychlor | ND | 0.0400 | 2022 |
| Metolachlor | ND | 0.0500 | 2022 |
| Metribuzin | ND | 0.0500 | 2022 |
| Propachlor | ND | 0.0500 | 2022 |
| Simazine | ND | 0.0040 | 2022 |
| PCB (Aroclor) | ND | 0.0005 | 2022 |
| Toxaphene | ND | 0.0030 | 2022 |
| gamma-BHC (Lindane) | ND | 0.0002 | 2022 |
| 2,4,5-TP (Silvex) | ND | 0.0100 | 2022 |
| 2,4-D | ND | 0.0500 | 2022 |
| Dalapon | ND | 0.2000 | 2022 |
| Diacamba | ND | 0.0500 | 2022 |
| Dinoseb | ND | 0.0070 | 2022 |
| Pentachlorophenol | ND | 0.0010 | 2022 |
| Pichloram | ND | 0.5000 | 2022 |
| 1,2,3-Trichloropropane | ND | 0.0050 | 2022 |
| 1,2-Dibromo-3-Chloropropane | ND | 0 | 2022 |
| 1,2-Dibromoethane (EDB) | ND | 0 | 2022 |
| 3-Hydroxycarbofuran | ND | 0 | 2022 |
| Aldicarb | ND | 0.0030 | 2022 |
| Aldicarb sulfone | ND | 0.0200 | 2022 |
| Aldicarb sulfoxide | ND | 0.0040 | 2022 |
| Carbaryl | ND | 0 | 2022 |
| Methomyl | ND | 0 | 2022 |
| Oxamyl | ND | 0.2000 | 2022 |
| 1,4-Dioxane | ND | 0.0010 | 2022 |
| Carbofuran | ND | 0.0400 | 2018 |
|  |  |  |  |
| **Secondary Compounds** | **Result (mg/L)** | **MCL** | **Date Tested** |
| Iron | <0.006 | 0.3 mg/L | 1994 |
| Chloride | <20.0 | 250.0 mg/L | 1995 |
| Manganese | <0.01 | 0.3 mg/L | 2018 |
| Color | <5 color units | 15 color units | 1994 |
| **Unregulated Compounds** | **Average (mg/L)** | **MCL**  **(maximum contaminant level)** | **Date Tested** |
| Alkalinity | 95.7 | NL | Monthly |
| Aluminium | <0.20 | 0.05-0.2 mg/L | 1994 |
| Calcium Hardness | 90-100 | NL | Continuous |
| Sodium | 8 | NL | 1994 |
| Total Dissolved Solids | 165-175 | 500 mg/L | Continuous |
| Total Organic Carbon | 1.50 | NL | Monthly |
| **Other Compounds** | **Average (mg/L)** | **MCL** | **Date Tested** |
| pH (acidity) | >7.00 | NA | Continuous |
| Gross Alpha  Radium 226  Radium 228 | 0.494 pCi/L  0.167 pCi/L  0.203 pCi/L | 0  0  0 | 2016 |
| Turbidity | 0.054 NTU | 0.3 NTU | Continuous |
| Coliform bacteria | <1/100 mL | <1/100 mL | Continuous |
| Free chlorine | 0.95 | NA | Hourly |
| Total chlorine | 1.0 | NA | Hourly |
| **UCMR 1** | **Result** | **MCL (ug/L)** | **Date Tested** |
| Perchlorate | <4.0 | NA | 2004 |
| DCPA Di-acid degrade | <0.5 | NA | 2004 |
| DCPA Mono-acid degrade | <0.5 | NA | 2004 |
| Methyl tet-butyl ether | <2.0 | NA | 2004 |
| Nitrobenzene | <5.0 | NA | 2004 |
| 2,4-dinitrotoluene | <0.5 | NA | 2004 |
| 2,6-dinitrotoluene | <0.5 | NA | 2004 |
| Acetochlor | <1.0 | NA | 2004 |
| EPTC | <0.5 | NA | 2004 |
| Molinate | <0.40 | NA | 2004 |
| Terbacil | <1.00 | NA | 2004 |
| 4,4'-DDE | <0.40 | NA | 2004 |

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| **UCMR 2** | **Result** | **Date Tested** |
| Dimethoate | <0.66 | 2010 |
| 2,2,4,4,5,5-Hexabromobiphenyl | <0.66 | 2010 |
| 2,2,4,4,5,5-Hexabromobiphenyl ether | <0.75 | 2010 |
| 2,2,4,4,5-Pentabromodiphenyl ether | <0.85 | 2010 |
| 2,2,4,4,6-Pentabromodiphenyl ether | <0.47 | 2010 |
| Terbufos sulfone | <0.38 | 2010 |
| 2,2,4,4-Tetrabromodiphenyl ether | <0.28 | 2010 |
| 1,3-Dinitrobenzene | <0.80 | 2010 |
| 2,4,6-Trinitrotoluene | <0.80 | 2010 |
| RDX | <1.0 | 2010 |

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| **UCMR 3** | **Result** | **RDL** | **Date Tested** |
| Bromochloromethane | ND | 0.06 | 2014 |
| Bromomethane | ND | 0.20 | 2014 |
| 1,3-Butadiene | ND | 0.10 | 2014 |
| Chlorodifluoromethane | ND | 0.08 | 2014 |
| Chloromethane | ND | 0.20 | 2014 |
| 1,1-Dichloroethane | ND | 0.03 | 2014 |
| 1,2,3-Trichloropropane | ND | 0.03 | 2014 |
| 1,4-Dioxane | ND | 0.07 | 2014 |
| Chlorate | ND | 20.0 | 2014 |
| Hexavalent Chromium | 0.049 | 0.03 | 2014 |
| Chromium | 0.25 | 0.20 | 2014 |
| Cobalt | ND | 1.0 | 2014 |
| Molybdenum | 1.2 | 1.0 | 2014 |
| Strontium | 182 | 30.0 | 2014 |
| Vanadium | ND | 0.20 | 2014 |
| Perfluorobutanesulfonic acid | ND | 0.075 | 2014 |
| Perfluoroheptanoic acid | ND | 0.0083 | 2014 |
| Perfluorohexanesulfonic acid | ND | 0.025 | 2014 |
| Perfluorononanoic acid | ND | 0.017 | 2014 |
| Perfluorooctanesulfonic acid | ND | 0.033 | 2014 |
| Perfluorooctanoic acid | ND | 0.017 | 2014 |

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| **UCMR 4** | **Result (µg/L)** | **Date Collected** |
| Total microcystins | <0.3 | 8/8/2018 |
| Microcystin-LR | <0.3 | 8/8/2018 |
| Microcystin-LA | <0.3 | 8/8/2018 |
| Microcystin-LY | <0.3 | 8/8/2018 |
| Microcystin-RR | <0.3 | 8/8/2018 |
| Microcystin-LF | <0.3 | 8/8/2018 |
| Microcystin-YR | <0.3 | 8/8/2018 |
| Nodularin | <0.3 | 8/8/2018 |
| Cylindrospermopsin | <0.09 | 8/8/2018 |
| Anatoxin-a | <0.03 | 8/8/2018 |
| Germanium | <0.3 | 10/15/2018 |
| Manganese | 1.13 | 2018-2019 |
| alpha-Hexachlorocyclohexane | <0.01 | 10/15/2018 |
| Profenofos | <0.3 | 10/15/2018 |
| Chlorpyrifos | <0.03 | 10/15/2018 |
| Tebuconazole | <0.2 | 10/15/2018 |
| Dimethipin | <0.2 | 10/15/2018 |
| Total permethrin  (cis- & trans-) | <0.04 | 10/15/2018 |
| Ethoprop | <0.03 | 10/15/2018 |
| Tribufos | <0.07 | 10/15/2018 |
| Oxyfluorfen | <0.05 | 10/15/2018 |
| HAA51 | 6.99 | 2018-2019 |
| HAA6Br2 | 5.59 | 2018-2019 |
| HAA93 | 11.5 | 2018-2019 |
| 1-butanol | <2 | 10/15/2018 |
| 2-propen-1-ol | <0.5 | 10/15/2018 |
| 2-methoxyethanol | <0.4 | 10/15/2018 |
| Butylated hydroxyanisole | <0.03 | 10/15/2018 |
| o-Toluidine | <0.007 | 10/15/2018 |
| Quinoline | <0.02 | 10/15/2018 |

1. HAA5 (dibromoacetic acid, dichloroacetic acid, monobromoacetic acid, trichloroacetic acid).
2. HAA6Br (bromochloroacetic acid, bromodichloroacetic acid, dibromoacetic acid, chlorodibromoacetic acid, monobromoacetic acid, tribromoacetic acid).
3. HAA9 (bromochloroacetic acid, bromodichloroacetic acid, chlorodibromoacetic acid, dibromoacetic acid, monobromoacetic acid, monochloroacetic acid, tribromoacetic acid, trichloroacetic acid).

\*ND denotes analyte was tested for but not detected.

Respectfully submitted by:

Emily Dillenburg

# Water Treatment Plant Laboratory Director

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