

| Manchester Works Works VOLATILE ORGANIC CONTAMINANTS (b) (Units µg/L) | | | | | | | | | | | |
|---|---------|-----------|---------|---------|-----|--------------------------------------|---------|-----------|---------|---------|-----|
| Analyte | TP /001 | Date | TP /004 | Date | MCL | Analyte | TP /001 | Date | TP /004 | Date | MCL |
| 1,1,1,2-Tetrachloroethane | ND | 2/13/2024 | ND | 5/16/24 | NR | cis-1, 2-Dichloroethylene | ND | 2/13/2024 | ND | 5/16/24 | 70 |
| 1,1,1-Trichloroethane | ND | 2/13/2024 | ND | 5/16/24 | 200 | cis-1, 3-Dichloropropene | ND | 2/13/2024 | ND | 5/16/24 | NR |
| 1,1,2,2-Tetrachloroethane | ND | 2/13/2024 | ND | 5/16/24 | NR | Di-isopropyl Ether (DIPE) | ND | 2/13/2024 | ND | 5/16/24 | NR |
| 1,1,2-Trichloroethane | ND | 2/13/2024 | ND | 5/16/24 | 5 | Dibromomethane (Methylene Bromide) | ND | 2/13/2024 | ND | 5/16/24 | NR |
| 1,1-Dichloroethane | ND | 2/13/2024 | ND | 5/16/24 | NR | Dichlorodifluoromethane (FREON-12) | ND | 2/13/2024 | ND | 5/16/24 | NR |
| 1,1-Dichloroethylene | ND | 2/13/2024 | ND | 5/16/24 | 7 | Diethyl ether | ND | 2/13/2024 | ND | 5/16/24 | NR |
| 1,1-Dichloropropene | ND | 2/13/2024 | ND | 5/16/24 | NR | Ethyl Tert-Butyl ether (ETBE) | ND | 2/13/2024 | ND | 5/16/24 | NR |
| 1,2,3-Trichlorobenzene | ND | 2/13/2024 | ND | 5/16/24 | NR | Ethylbenzene | ND | 2/13/2024 | ND | 5/16/24 | 700 |
| 1,2,3-Trichloropropane | ND | 2/13/2024 | ND | 5/16/24 | NR | Hexachlorobutadiene | ND | 2/13/2024 | ND | 5/16/24 | NR |
| 1,2,4-Trichlorobenzene | ND | 2/13/2024 | ND | 5/16/24 | 70 | Hexachloroethane | ND | 2/13/2024 | ND | 5/16/24 | NR |
| 1,2,4-Trimethylbenzene | ND | 2/13/2024 | ND | 5/16/24 | NR | Isopropylbenzene | ND | 2/13/2024 | ND | 5/16/24 | NR |
| 1,2-Dichlorobenzene(o-dichlorobenzene) | ND | 2/13/2024 | ND | 5/16/24 | 600 | m/p - Xylenes | ND | 2/13/2024 | ND | 5/16/24 | 10 |
| 1,2-Dichloroethane | ND | 2/13/2024 | ND | 5/16/24 | 5 | Methyl tert-butyl ether (MTBE) | ND | 2/13/2024 | ND | 5/16/24 | 13 |
| 1,2-Dichloropropane | ND | 2/13/2024 | ND | 5/16/24 | 5 | Methylene chloride (Dichloromethane) | ND | 2/13/2024 | ND | 5/16/24 | 5 |
| 1,3,5-Trimethylbenzene | ND | 2/13/2024 | ND | 5/16/24 | NR | n-Butylbenzene | ND | 2/13/2024 | ND | 5/16/24 | NR |
| 1,3-Dichlorobenzene | ND | 2/13/2024 | ND | 5/16/24 | NR | n-Propylbenzene | ND | 2/13/2024 | ND | 5/16/24 | NR |
| 1,3-Dichloropropane | ND | 2/13/2024 | ND | 5/16/24 | NR | Naphthalene | ND | 2/13/2024 | ND | 5/16/24 | NR |
| 1,4-Dichlorobenzene(p-dichlorobenzene) | ND | 2/13/2024 | ND | 5/16/24 | 75 | o-Xylene | ND | 2/13/2024 | ND | 5/16/24 | 10 |
| 2-Chlorotoluene | ND | 2/13/2024 | ND | 5/16/24 | NR | sec-Butylbenzene | ND | 2/13/2024 | ND | 5/16/24 | NR |
| 4-Chlorotoluene | ND | 2/13/2024 | ND | 5/16/24 | NR | Styrene | ND | 2/13/2024 | ND | 5/16/24 | 100 |
| 4-Isopropyltoluene | ND | 2/13/2024 | ND | 5/16/24 | NR | Tert-Amyl Methyl Ether (TAME) | ND | 2/13/2024 | ND | 5/16/24 | NR |
| Benzene | ND | 2/13/2024 | ND | 5/16/24 | 5 | Tert-Butyl Alcohol (TBA) | ND | 2/13/2024 | ND | 5/16/24 | NR |
| Bromobenzene | ND | 2/13/2024 | ND | 5/16/24 | NR | Tert-Butylbenzene | ND | 2/13/2024 | ND | 5/16/24 | NR |
| Bromochloromethane | ND | 2/13/2024 | ND | 5/16/24 | NR | Tetrachloroethylene | ND | 2/13/2024 | ND | 5/16/24 | 5 |
| Bromodichloromethane (TTHM) | 1.1 | 2/13/2024 | 2.3 | 5/16/24 | 80 | Tetrahydrofuran (THF) | ND | 2/13/2024 | ND | 5/16/24 | NR |
| Bromoform (TTHM) | ND | 2/13/2024 | ND | 5/16/24 | 80 | Toluene | ND | 2/13/2024 | ND | 5/16/24 | 1 |
| Bromomethane (Methylbromide) | ND | 2/13/2024 | ND | 5/16/24 | NR | Total Trihalomethanes (TTHMS) | 3.1 | 2/13/2024 | 11 | 5/16/24 | 80 |
| Carbon Disulfide | ND | 2/13/2024 | ND | 5/16/24 | NR | Trans-1, 2-Dichloroethylene | ND | 2/13/2024 | ND | 5/16/24 | 100 |
| Carbon Tetrachloride | ND | 2/13/2024 | ND | 5/16/24 | 5 | Trans-1, 3-Dichloropropene | ND | 2/13/2024 | ND | 5/16/24 | NR |
| Chlorobenzene | ND | 2/13/2024 | ND | 5/16/24 | 100 | Trichloroethene (Trichloroethylene) | ND | 2/13/2024 | ND | 5/16/24 | 5 |
| chloroDIBROMomethane (TTHM) | ND | 2/13/2024 | ND | 5/16/24 | 80 | Trichlorofluoromethane (FREON 11) | ND | 2/13/2024 | ND | 5/16/24 | NR |
| Chloroform (TTHM) | 2 | 2/13/2024 | 8.5 | 5/16/24 | 80 | Vinyl chloride | ND | 2/13/2024 | ND | 5/16/24 | 2 |
| Chloromethane (Methylchloride) | ND | 2/13/2024 | ND | 5/16/24 | NR | Xylene (Total) | ND | 2/13/2024 | ND | 5/16/24 | 10 |

| Manchester Works Works SYNTHETIC ORGANIC CONTAMINANTS (b) (Units µg/L) | | | | | | | | | | | |
|--|---------|-----------|---------|-----------|-----|---------------------------|---------|-----------|---------|-----------|-----|
| Analyte | TP /001 | Date | TP /004 | Date | MCL | Analyte | TP /001 | Date | TP /004 | Date | MCL |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 2/13/2024 | ND | 2/13/2024 | 0.2 | Heptachlor | ND | 2/13/2024 | ND | 2/13/2024 | 400 |
| 1,2-Dibromoethane (EDB, Ethylene dibromide) | ND | 2/13/2024 | ND | 2/13/2024 | 50 | Heptachlor Epoxide | ND | 2/13/2024 | ND | 2/13/2024 | 200 |
| Chlordane | ND | 2/13/2024 | ND | 2/13/2024 | 2 | Hexachlorobenzene | ND | 2/13/2024 | ND | 2/13/2024 | 1 |
| Toxaphene (Chlorinated Camphene) | ND | 2/13/2024 | ND | 2/13/2024 | 3 | Hexachlorocyclopentadiene | ND | 2/13/2024 | ND | 2/13/2024 | 50 |
| 2,4-D | ND | 2/13/2024 | ND | 2/13/2024 | 70 | Methoxychlor | ND | 2/13/2024 | ND | 2/13/2024 | 40 |
| Dalapon | ND | 2/13/2024 | ND | 2/13/2024 | 200 | Metolachlor | ND | 2/13/2024 | ND | 2/13/2024 | NR |
| Dicamba | ND | 2/13/2024 | ND | 2/13/2024 | NR | Metribuzin | ND | 2/13/2024 | ND | 2/13/2024 | NR |
| Dinoseb (2-Sec-butyl-4,6-dinitrophenol DNBP) | ND | 2/13/2024 | ND | 2/13/2024 | 7 | Propachlor | ND | 2/13/2024 | ND | 2/13/2024 | NR |
| Pentachlorophenol | ND | 2/13/2024 | ND | 2/13/2024 | 1 | Simazine | ND | 2/13/2024 | ND | 2/13/2024 | 4 |
| Picloram | ND | 2/13/2024 | ND | 2/13/2024 | 500 | 3-Hydroxycarbofuran | ND | 2/13/2024 | ND | 2/13/2024 | NR |
| Silvex (2,4,5-TP) | ND | 2/13/2024 | ND | 2/13/2024 | 50 | Aldicarb (TEMIK) | ND | 2/13/2024 | ND | 2/13/2024 | NR |
| Alachlor | ND | 2/13/2024 | ND | 2/13/2024 | 2 | Aldicarb Sulfone | ND | 2/13/2024 | ND | 2/13/2024 | NR |
| Aldrin | ND | 2/13/2024 | ND | 2/13/2024 | NR | Aldicarb Sulfoxide | ND | 2/13/2024 | ND | 2/13/2024 | NR |
| Atrazine | ND | 2/13/2024 | ND | 2/13/2024 | 3 | Carbaryl (Sevin) | ND | 2/13/2024 | ND | 2/13/2024 | NR |
| Benzo(a)pyrene | ND | 2/13/2024 | ND | 2/13/2024 | 0.2 | Carbofuran (Furaden) | ND | 2/13/2024 | ND | 2/13/2024 | 40 |
| Bis (2-ethylhexyl)adipate | ND | 2/13/2024 | ND | 2/13/2024 | 400 | Methiocarb | ND | 2/13/2024 | ND | 2/13/2024 | NR |
| Butachlor | ND | 2/13/2024 | ND | 2/13/2024 | NR | Methomyl (Lanmate) | ND | 2/13/2024 | ND | 2/13/2024 | NR |
| Di(2-Ethylhexyl)phthalate (Bis(2-ethylhexyl)phthalate,DEHP) | ND | 2/13/2024 | ND | 2/13/2024 | 6 | Oxamyl (Vydate) | ND | 2/13/2024 | ND | 2/13/2024 | 200 |
| Deildrin | ND | 2/13/2024 | ND | 2/13/2024 | NR | Propoxur (Baygon) | ND | 2/13/2024 | ND | 2/13/2024 | NR |
| Endrin | ND | 2/13/2024 | ND | 2/13/2024 | 2 | Glyphosate | ND | 2/13/2024 | ND | 2/13/2024 | 700 |
| GAMMA-BHC(Lindane, GAMMA-hexachlorocyclohexane) | ND | 2/13/2024 | ND | 2/13/2024 | 200 | Diquat | ND | 2/13/2024 | ND | 2/13/2024 | 20 |

| Manchester Works Works RADIOLOGICAL CONTAMINANTS (b) | | | | | |
|--|---------|------|----------|----------|-----|
| Analyte (Units) | TP /001 | Date | TP /004 | Date | MCL |
| Compliance Gross Alpha (pCi/L) | ND | ND | 3/8/2024 | 3/8/2024 | 15 |
| Radium 226 & 228 (pCi/L) | ND | ND | 3/8/2024 | 3/8/2024 | 5 |
| Uranium (µg/L) | ND | ND | 3/8/2024 | 3/8/2024 | 30 |

| Manchester Works Works INORGANIC CONTAMINANTS (b) | | | | | |
|---|---------|-----------|---------|-----------|-----|
| Analyte | TP /001 | Date | TP /004 | Date | MCL |
| Antimony (µg/L) | ND | 8/16/2023 | ND | 8/16/23 | 6 |
| Arsenic (µg/L) | ND | 8/16/2023 | ND | 8/16/23 | 10 |
| Barium (mg/L) | 0.0135 | 8/16/2023 | 0.0055 | 8/16/23 | 2 |
| Beryllium (µg/L) | ND | 8/16/2023 | ND | 8/16/23 | 4 |
| Cadmium (µg/L) | ND | 8/16/2023 | ND | 8/16/23 | 5 |
| Chromium (µg/L) | ND | 8/16/2023 | ND | 8/16/23 | 100 |
| Fluoride (mg/L) | 0.72 | 8/16/2023 | 0.64 | 8/16/23 | 4 |
| Mercury (µg/L) | ND | 8/16/2023 | ND | 8/16/23 | 2 |
| Nitrate-N (mg/L) | ND | 8/16/2023 | 0.36 | 3/13/2024 | 10 |
| Nitrite-N (mg/L) | ND | 8/16/2023 | ND | 8/16/23 | 1 |
| Selenium (µg/L) | ND | 1/1/1900 | ND | 8/16/23 | 50 |
| Thallium (µg/L) | ND | 8/16/2023 | ND | 8/16/23 | 2 |

| Manchester Works Works UNREGULATED CONTAMINANTS (b) | | | | | |
|---|---------|-----------|---------|---------|-----|
| Analyte (Units) | TP /001 | Date | TP /004 | Date | MCL |
| Alkalinity as CaCO ₃ (mg/L) | 47 | 8/16/2023 | 38 | 8/16/23 | |
| Calcium (mg/L) | 4.2 | 8/16/2023 | 4.7 | 8/16/23 | |
| Copper (mg/L) | ND | 8/16/2023 | ND | 8/16/23 | |
| Hardness, Total as CaCO ₃ (mg/L) | 10.5 | 8/16/2023 | 11.7 | 8/16/23 | |
| Magnesium (mg/L) | ND | 8/16/2023 | ND | 8/16/23 | |
| Sodium (mg/L) | 56 | 8/16/2023 | 52.7 | 8/16/23 | |

| Manchester Works Works - Perfluorinated Chemicals (PFCs) | | | | | |
|--|---------|-----------|---------|---------|-----|
| Analyte | TP /001 | Date | TP /004 | Date | MCL |
| Perfluorohexanesulfonic acid (PFHxS) (ng/L) | 0.653 | 3/13/2024 | 0.645 | 3/13/24 | 18 |
| Perfluorononanoic acid (PFNA) (ng/L) | 0.752 | 3/13/2024 | ND | 3/13/24 | 11 |
| Perfluorodecane sulfonic acid (PFOS) (ng/L) | 1.71 | 3/13/2024 | 1.01 | 3/13/24 | 15 |
| Perfluorooctanoic acid (PFOA) (ng/L) | 6.51 | 3/13/2024 | 1.94 | 3/13/24 | 12 |

| Manchester Works Works SECONDARY CONTAMINANTS (b) - AESTHETIC | | | | |
|---|---------|-----------|---------|---------|
| Analyte | TP /001 | Date | TP /004 | Date |
| Chloride (mg/L) | 48 | 8/16/2024 | 64 | 8/16/23 |
| Fluoride (mg/L) | 0.72 | 8/16/2024 | 0.64 | 8/16/23 |
| Iron (mg/L) | ND | 8/16/2024 | 0.62 | 8/16/23 |
| Manganese (mg/L) | 0.0063 | 8/16/2024 | ND | 8/16/23 |
| pH (Standard Units) | 7.88 | 8/16/2024 | 7.84 | 8/16/23 |
| Sulfate (mg/L) | 28 | 8/16/2024 | 7 | 8/16/23 |
| Zinc (mg/L) | ND | 8/16/2024 | ND | 8/16/23 |

| Oakwood FIRST DRAW LEAD AND COPPER (a) | | | |
|--|---------|-----|-----------|
| Analyte | Results | AL | Date |
| Lead (µg/L) 90th percentile sample | 0 | 15 | 1/23/2024 |
| Copper (mg/L) 90th percentile sample | 0.067 | 1.3 | 1/23/2024 |

| Oakwood Microbiological Contaminants (a) | | | |
|--|-----------|-----------|---------|
| Results | MCL | Frequency | |
| Total Coliform | Absent | ≤ 1/month | Monthly |
| E. coli | Absent | Absent | Monthly |
| Chlorine Residual Range (mg/L) | 0.17-1.27 | 4 mL | Monthly |

| Oakwood DISINFECTION BY-PRODUCTS (a) | | | |
|--------------------------------------|---------|-----|---------|
| Analyte | Results | MCL | Date |
| Total Trihalomethanes (µg/L) | 5.2 | 80 | 7/17/23 |
| Haloacetic Acids (µg/L) | 6 | 60 | 7/17/23 |

SOURCE WATER AND TREATMENT INFORMATION

Water Source: Manchester Water Treatment Plant: Lake Massabesic (TP /001) and Merrimack River (TP /004)

Treatment: Treatment for Manchester Water Works includes monochloramines for disinfection and fluorosilicic acid for preventing tooth decay. Additional information regarding your water can be found by visiting Manchester's Consumer Confidence Report website: <https://www.manchesternh.gov/Departments/Water-Works/Water-Quality-Report>

KEY TO ABBREVIATIONS

AL Action Level - The concentration of a contaminant which, if exceeded triggers treatment of or other requirements which a water system must follow.

MCL Maximum Contaminant Level - The highest level of a contaminant that is allowed in drinking water.

SMCL Secondary Maximum Contaminant Level - These standards are developed to protect the aesthetic qualities of drinking water and are not health based characteristics (taste, odor, or color) of drinking water.

NR Not Regulated - Contaminants test for but not regulated by the State or EPA.

(a) samples taken from the distribution system.

(b) samples taken from the distribution entry point.

mg/L milligrams per Liter or parts per million.

µg/L micrograms per Liter or parts per billion.

ng/L nanograms per Liter or parts per trillion.

pCi/L picocuries per Liter (measure of radioactivity)

N/A Not Applicable **ND** not detected **BDL** Below Detection Level ≤ Less Than or Equal To < Less Than

CONTACT INFORMATION

If you have any questions about this report, or about your water quality, please call Matt Day at 800-553-5191 or visit the <https://www4.des.state.nh.us/DESOneStop/PWSDetail.aspx?ID=0612010>.

Additional information about contaminants and their potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline 1-800-426-4791.