

Manchester Water 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	2/14/24	NR	cis-1, 2-Dichloroethylene	ND	2/13/2024	ND	2/14/24	70
1,1,1-Trichloroethane	ND	2/13/2024	ND	2/14/24	200	cis-1, 3-Dichloropropene	ND	2/13/2024	ND	2/14/24	NR
1,1,2,2-Tetrachloroethane	ND	2/13/2024	ND	2/14/24	NR	Diisopropyl Ether (DIPE)	ND	2/13/2024	ND	2/14/24	NR
1,1,2-Trichloroethane	ND	2/13/2024	ND	2/14/24	5	Dibromomethane (Methylene Bromide)	ND	2/13/2024	ND	2/14/24	NR
1,1-Dichloroethane	ND	2/13/2024	ND	2/14/24	NR	Dichlorodifluoromethane (FREON-12)	ND	2/13/2024	ND	2/14/24	NR
1,1-Dichloroethylene	ND	2/13/2024	ND	2/14/24	7	Diethyl ether	ND	2/13/2024	ND	2/14/24	NR
1,1-Dichloropropene	ND	2/13/2024	ND	2/14/24	NR	Ethyl Tert-Butyl Ether (ETBE)	ND	2/13/2024	ND	2/14/24	NR
1,2,3-Trichlorobenzene	ND	2/13/2024	ND	2/14/24	NR	Ethylbenzene	ND	2/13/2024	ND	2/14/24	700
1,2,3-Trichloropropane	ND	2/13/2024	ND	2/14/24	NR	Heptachlorobutadiene	ND	2/13/2024	ND	2/14/24	NR
1,2,4-Trichlorobenzene	ND	2/13/2024	ND	2/14/24	70	Hexachloroethane	ND	2/13/2024	ND	2/14/24	NR
1,2,4-Trimethylbenzene	ND	2/13/2024	ND	2/14/24	NR	Isopropylbenzene	ND	2/13/2024	ND	2/14/24	NR
1,2-Dichlorobenzene(o-dichlorobenzene)	ND	2/13/2024	ND	2/14/24	600	m,p - Xylenes	ND	2/13/2024	ND	2/14/24	10
1,2-Dichloroethane	ND	2/13/2024	ND	2/14/24	5	Methyl tert-butyl ether (MTBE)	ND	2/13/2024	ND	2/14/24	13
1,2-Dichloropropane	ND	2/13/2024	ND	2/14/24	5	Methylene chloride (Dichloromethane)	ND	2/13/2024	ND	2/14/24	5
1,3,5-Trimethylbenzene	ND	2/13/2024	ND	2/14/24	NR	n-Butylbenzene	ND	2/13/2024	ND	2/14/24	NR
1,3-Dichlorobenzene	ND	2/13/2024	ND	2/14/24	NR	n-Propylbenzene	ND	2/13/2024	ND	2/14/24	NR
1,3-Dichloropropane	ND	2/13/2024	ND	2/14/24	NR	Naphthalene	ND	2/13/2024	ND	2/14/24	NR
1,4-Dichlorobenzene(p-dichlorobenzene)	ND	2/13/2024	ND	2/14/24	75	o-Xylene	ND	2/13/2024	ND	2/14/24	10
2-Chlorobutene	ND	2/13/2024	ND	2/14/24	NR	sec-Butylbenzene	ND	2/13/2024	ND	2/14/24	NR
4-Chlorobutene	ND	2/13/2024	ND	2/14/24	NR	Styrene	ND	2/13/2024	ND	2/14/24	100
4-Isopropyltoluene	ND	2/13/2024	ND	2/14/24	NR	Tert-Amyl Methyl Ether (TAME)	ND	2/13/2024	ND	2/14/24	NR
Benzene	ND	2/13/2024	ND	2/14/24	5	Tert-Butyl Alcohol (TBA)	ND	2/13/2024	ND	2/14/24	NR
Bromobenzene	ND	2/13/2024	ND	2/14/24	NR	Tert-Butylbenzene	ND	2/13/2024	ND	2/14/24	NR
Bromochloromethane	ND	2/13/2024	ND	2/14/24	NR	Tetrachloroethylene	ND	2/13/2024	ND	2/14/24	5
Bromodichloromethane (TTHM)	1.1	2/13/2024	ND	2/14/24	80	Tetrahydrofuran (THF)	ND	2/13/2024	ND	2/14/24	NR
Bromoform (TTHM)	ND	2/13/2024	ND	2/14/24	80	Toluene	ND	2/13/2024	ND	2/14/24	1
Bromomethane (Methylbromide)	ND	2/13/2024	ND	2/14/24	NR	Total Trihalomethanes (TTHMs)	3.1	2/13/2024	ND	2/14/24	80
Carbon Disulfide	ND	2/13/2024	ND	2/14/24	NR	Trans-1, 2-Dichloroethylene	ND	2/13/2024	ND	2/14/24	100
Carbon Tetrachloride	ND	2/13/2024	ND	2/14/24	5	Trans-1, 3-Dichloropropene	ND	2/13/2024	ND	2/14/24	NR
Chlorobenzene	ND	2/13/2024	ND	2/14/24	100	Trichloroethene (Trichloroethylene)	ND	2/13/2024	ND	2/14/24	5
chloroDIBROMOMETHANE (TTHM)	ND	2/13/2024	2.3	2/14/24	80	Trichlorofluoromethane (FREON 11)	ND	2/13/2024	ND	2/14/24	NR
Chloroform (TTHM)	2	2/13/2024	ND	2/14/24	80	Vinyl chloride	ND	2/13/2024	ND	2/14/24	2
Chloromethane (Methylchloride)	ND	2/13/2024	ND	2/14/24	NR	Xylene (Total)	ND	2/13/2024	ND	2/14/24	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
Teaophane (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	Hexachlorocyclopentadiene	ND	2/13/2024	ND	2/13/2024	NR
Dalapon	ND	2/13/2024	ND	2/13/2024	200	Heptachlor	ND	2/13/2024	ND	2/13/2024	NR
Dicamba	ND	2/13/2024	ND	2/13/2024	NR	Methidathion	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	Methidathion	ND	2/13/2024	ND	2/13/2024	NR
Pentachlorophenol	ND	2/13/2024	ND	2/13/2024	1	Propachlor	ND	2/13/2024	ND	2/13/2024	NR
Picloram	ND	2/13/2024	ND	2/13/2024	500	Simazine	ND	2/13/2024	ND	2/13/2024	4
Silvex (2,4,5-TP)	ND	2/13/2024	ND	2/13/2024	50	3-Hydroxycarboluron	ND	2/13/2024	ND	2/13/2024	NR
Alachlor	ND	2/13/2024	ND	2/13/2024	2	Aldicarb (TEMK)	ND	2/13/2024	ND	2/13/2024	NR
Azinphos	ND	2/13/2024	ND	2/13/2024	NR	Aldicarb Sulfone	ND	2/13/2024	ND	2/13/2024	NR
Azinphos	ND	2/13/2024	ND	2/13/2024	3	Azinphos Sulfonate	ND	2/13/2024	ND	2/13/2024	NR
Benz(a)pyrene	ND	2/13/2024	ND	2/13/2024	0.2	Carbamyl (Sevin)	ND	2/13/2024	ND	2/13/2024	NR
Bis (2-ethylhexyl)adipate	ND	2/13/2024	ND	2/13/2024	400	Carbofuran (Furadan)	ND	2/13/2024	ND	2/13/2024	40
Butachlor	ND	2/13/2024	ND	2/13/2024	NR	Methiocarb	ND	2/13/2024	ND	2/13/2024	NR
Di(2-Ethylhexyl)phthalate (Bis(2-ethylhexyl)phthalate)	ND	2/13/2024	ND	2/13/2024	6	Methomyl (Lanate)	ND	2/13/2024	ND	2/13/2024	NR
Dieldrin	ND	2/13/2024	ND	2/13/2024	NR	Oxamyl (Vydate)	ND	2/13/2024	ND	2/13/2024	200
Endrin	ND	2/13/2024	ND	2/13/2024	2	Propoxur (Baygon)	ND	2/13/2024	ND	2/13/2024	NR
GAMMA-BHC(Lindane, GAMMA-hexachlorocyclohexane)	ND	2/13/2024	ND	2/13/2024	200	Glyphosate	ND	2/13/2024	ND	2/13/2024	700
						Diquat	ND	2/13/2024	ND	2/13/2024	20

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

Perfluorinated Chemicals (PFCs) - Manchester Works Works					
Analyte (Units)	TP #001	Date	TP #004	Date	MCL
Perfluorooctanesulfonic acid (PFOS) (ng/L)	0.633	3/13/24	0.645	3/13/24	18
Perfluorononanoic acid (PFNA) (ng/L)	0.702	3/13/24	ND	3/13/24	11
Perfluorodecane sulfonic acid (PFDS) (ng/L)	1.71	3/13/24	1.01	3/13/24	15
Perfluorooctanoic acid (PFOA) (ng/L)	6.51	3/13/24	1.94	3/13/24	12

INORGANIC CONTAMINANTS (b) Manchester Works Works					
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	0.0005	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
Manganese (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	8/16/2023	ND	8/16/23	50
Thallium (µg/L)	ND	8/16/2023	ND	8/16/23	2

SECONDARY CONTAMINANTS (b) - AESTHETIC Manchester Works Works					
Analyte	TP #001	Date	TP #004	Date	MCL
Chloride (mg/L)	48	8/16/2023	64	8/16/23	
Fluoride (mg/L)	0.72	8/16/2023	0.64	8/16/23	
Iron (mg/L)	ND	8/16/2023	0.62	8/16/23	
Manganese (mg/L)	0.0063	8/16/2023	ND	8/16/23	
pH (Standard Units)	7.88	8/16/2023	7.84	8/16/23	
Sulfate (mg/L)	28	8/16/2023	7	8/16/23	
Zinc (mg/L)	ND	8/16/2023	ND	8/16/23	

UNREGULATED CONTAMINANTS (b) Manchester Works Works					
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)	0.07	1/17/2024	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	

Microbiological Contaminants (a) Londonderry			
Analyte	Results	MCL	Frequency
Total Coliform	Absent	≤ 1/month	Monthly
E. coli	Absent	Absent	Monthly
Chlorine Residual Range (mg/L)	ND - 2.16	4	Monthly
Chloramines (mg/L)	ND - 1.72	4	Monthly
Nitrite-Chloraminated (mg/L)	ND - 0.09	1	Monthly

DISINFECTION BY-PRODUCTS (a) - Londonderry			
Analyte	Results	MCL	Date
Total Trihalomethanes (µg/L)	3.57	80	2023
Haloacetic Acids (µg/L)	1.22	60	2023

FIRST DRAW LEAD AND COPPER - Londonderry			
Analyte	Results	AL	Date
Lead (µg/L) 90th percentile sample	0	15	2024
Copper (mg/L) 90th percentile sample	0.131	1.3	2024

SOURCE WATER AND TREATMENT INFORMATION
Water Source for Londonderry Core - 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: <http://www.manchester-nh.gov/website/Departments/WaterWorks/ConsumerConfidence/tabid410/Default.aspx>.

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, Water Supply Manager at 603-913-2377 or 800-553-5191.
Visit the state website for the Londonderry system at <https://www4.des.state.nh.us/BESOneStop/PWSDetail.aspx?ID=1391010>.
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.