

**Monthly Water Quality Analysis  
Result Summary  
April 2023**

	<u>Federal/ NJ MCL</u>	<u>Brick Twp Delivered</u>	<u>Analysis Date</u>
<b>Monthly (reporting)</b>			
Turbidity (Clarity) (Units)	0.3 (NTU)	0.060 (NTU)	4/2023
Microbiological			
Total coliform bacteria (Units)	5 (%+ samples)	0.0 (%+ samples)	4/2023
Heterotrophic plate count (Units)	<500 (CFU)	0 (CFU)	4/2023
<b>Quarterly</b>			
Trihalomethanes chloroform bromoform bromodichloromethane dibromochloromethane (Units)	80 Locational Running Annual Average (LRAA)  (ppb)	17.2 (max)  (ppb)	4/2023
Haloacetic Acids monochloroacetic acid monobromoacetic acid dichloroacetic acid dibromoacetic acid trichloroacetic acid (Units)	60 Locational Running Annual Average (LRAA)  (ppb)	14.0 (max)  (ppb)	4/2023
Nitrate/Nitrite (Units)	10 (ppm)	0.62 (ppm)	4/2023
<b>Annually</b>			
Regulated Inorganics			
Antimony	0.006	<0.0003	4/2023
Arsenic	0.05	<0.0005	4/2023
Barium	2	0.049	4/2023
Beryllium	0.004	<0.0003	4/2023
Cadmium	0.005	<0.0005	4/2023
Chromium	0.1	<0.0005	4/2023
Copper	1.3*	0.0225	4/2023
Lead	0.015*	<0.0005	4/2023
Mercury	0.002	<0.0001	4/2023
Nickel	0.1	0.0010	4/2023
Selenium	0.05	<0.0080	4/2023

Thallium	0.002	<0.0003	4/2023
Fluoride (Units)	4 (ppm)	< 0.050 (ppm)	4/2023

\*action level

#### Regulated Volatile Organics

benzene	5/1	<0.5	4/2023
carbon tetrachloride	5/2	<0.5	4/2023
1,2-dichlorobenzene	600	<0.5	4/2023
1,3-dichlorobenzene	none/600	<0.5	4/2023
1,4-dichlorobenzene	75	<0.5	4/2023
1,2-dichloroethane	5/2	<0.5	4/2023
1,1-dichloroethane	none/50	<0.5	4/2023
1,1-dichloroethene	7/2	<0.5	4/2023
cis-1,2-dichloroethene	70	<0.5	4/2023
trans-1,2-dichloroethene	100	<0.5	4/2023
dichloromethane	5/3	<0.5	4/2023
1,2-dichloropropane	5	<0.5	4/2023
ethylbenzene	700	<0.5	4/2023
chlorobenzene	100/50	<0.5	4/2023
styrene	100	<0.5	4/2023
tetrachloroethene (PCE)	5/1	<0.5	4/2023
toluene	1000	<0.5	4/2023
1,2,4-trichlorobenzene	70/9	<0.5	4/2023
1,1,1-trichloroethane	200/30	<0.5	4/2023
1,1,2-trichloroethane	5/3	<0.5	4/2023
trichloroethene (TCE)	5/1	<0.5	4/2023
1,1,2,2-tetrachloroethane	none/1	<0.5	4/2023
vinyl chloride	2	<0.5	4/2023
xylene (total)	1000	<0.5	4/2023
naphthalene	none/300	<0.5	4/2023
methyl tert-butyl ether (MTBE) (Units)	70 (ppb)	<0.5 (ppb)	4/2023

#### Secondary Drinking Water Standards/Additional Testing

Aluminum	0.2	0.012	4/2023
MBAS (surfactants)	0.5	0.11	5/2022
Chloride	250	50	4/2023
Color (Pt-Co units)	15	<5	4/2023
Corrosivity (LI)	+/-1	-0.57	4/2023
Hardness	50-250	98	4/2023
Iron	0.3	< 0.10	4/2023
Manganese	0.05	0.013	4/2023
Odor (TON)	3	1.0	4/2023
pH	6.5-8.5	7.77	4/2023
Silver	0.1	<0.0005	4/2023
Total dissolved solids	500	215	4/2023
Zinc	5	0.49	4/2023

Sodium	50	36	4/2023
Sulfate	250	42	4/2023
Temperature (C)	none	17	4/2023
Residual chlorine (Units)	4 (ppm)	1.37 (ppm)	4/2023

**Nine Year Interval**

Radiological			
Gross alpha activity	15 (pCi/l)	< 3 (pCi/l)	7/2020
Asbestos (Units)	7 (MFL)	<0.25 (MFL)	7/2020

**ABBREVIATIONS:**

ppm = parts per million = mg/l  
 ppb = parts per billion = ug/l  
 ppt = parts per trillion = ng/l  
 MCL = maximum contaminant level  
 NTU = nephelometric turbidity unit  
 CFU = colony forming unit  
 MCL = maximum contaminant level  
 pCi/l = picocuries per liter  
 MFL = million fibers per liter, >10 micron  
 + sample = positive sample  
 ND = not detected  
 TON = threshold odor number  
 LI = Langlier Index  
 > = greater than  
 < = less than (also means "not detected")