

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

	<u>Federal/ NJ MCL</u>	<u>Brick Twp Delivered</u>	<u>Analysis Date</u>
Monthly (reporting)			
Turbidity (Clarity) (Units)	0.3 (NTU)	0.057 (NTU)	8/2023
Microbiological			
Total coliform bacteria (Units)	5 (%+ samples)	0.0 (%+ samples)	8/2023
Heterotrophic plate count (Units)	<500 (CFU)	0 (CFU)	8/2023
Quarterly			
Trihalomethanes chloroform bromoform bromodichloromethane dibromochloromethane (Units)	80 Locational Running Annual Average (LRAA) (ppb)	10.9 (max) (ppb)	7/2023
Haloacetic Acids monochloroacetic acid monobromoacetic acid dichloroacetic acid dibromoacetic acid trichloroacetic acid (Units)	60 Locational Running Annual Average (LRAA) (ppb)	10.3(max) (ppb)	7/2023
Nitrate/Nitrite (Units)	10 (ppm)	0.33 (ppm)	8/2023
PFAS			
Perfluorooctanesulfonic acid (PFOS)	13	ND	8/2023
Perfluorooctanoic acid (PFOA)	14	ND	
Perfluorononanoic acid (PFNA)	13	ND	
(Units)	(ppt)	(ppt)	
Annually			
Regulated Inorganics			
Antimony	0.006	<0.0003	8/2023
Arsenic	0.05	<0.0005	8/2023
Barium	2	0.051	8/2023
Beryllium	0.004	<0.0003	8/2023
Cadmium	0.005	<0.0005	8/2023

Chromium	0.1	<0.0005	8/2023
Copper	1.3*	0.731	8/2023
Lead	0.015*	0.0004	8/2023
Mercury	0.002	<0.0001	5/2023
Nickel	0.1	0.0008	8/2023
Selenium	0.05	<0.0080	8/2023
Thallium	0.002	<0.0003	8/2023
Fluoride	4	< 0.050	8/2023
(Units)	(ppm)	(ppm)	

*action level

Regulated Volatile Organics

benzene	5/1	<0.5	8/2023
carbon tetrachloride	5/2	<0.5	8/2023
1,2-dichlorobenzene	600	<0.5	8/2023
1,3-dichlorobenzene	none/600	<0.5	8/2023
1,4-dichlorobenzene	75	<0.5	8/2023
1,2-dichloroethane	5/2	<0.5	8/2023
1,1-dichloroethane	none/50	<0.5	8/2023
1,1-dichloroethene	7/2	<0.5	8/2023
cis-1,2-dichloroethene	70	<0.5	8/2023
trans-1,2-dichloroethene	100	<0.5	8/2023
dichloromethane	5/3	<0.5	8/2023
1,2-dichloropropane	5	<0.5	8/2023
ethylbenzene	700	<0.5	8/2023
chlorobenzene	100/50	<0.5	8/2023
styrene	100	<0.5	8/2023
tetrachloroethene (PCE)	5/1	<0.5	8/2023
toluene	1000	<0.5	8/2023
1,2,4-trichlorobenzene	70/9	<0.5	8/2023
1,1,1-trichloroethane	200/30	<0.5	8/2023
1,1,2-trichloroethane	5/3	<0.5	8/2023
trichloroethene (TCE)	5/1	<0.5	8/2023
1,1,2,2-tetrachloroethane	none/1	<0.5	8/2023
vinyl chloride	2	<0.5	8/2023
xylene (total)	1000	<0.5	8/2023
naphthalene	none/300	<0.5	8/2023
methyl tert-butyl ether (MTBE)	70	<0.5	8/2023
(Units)	(ppb)	(ppb)	

Secondary Drinking Water Standards/Additional Testing

Aluminum	0.2	0.015	8/2023
MBAS (surfactants)	0.5	0.03	5/2023
Chloride	250	32	8/2023
Color (Pt-Co units)	15	<5	8/2023
Corrosivity (LI)	+/-1	-0.35	8/2023
Hardness	50-250	94	8/2023
Iron	0.3	< 0.10	8/2023

Manganese	0.05	0.0006	8/2023
Odor (TON)	3	0.3	8/2023
pH	6.5-8.5	7.83	8/2023
Silver	0.1	<0.0005	8/2023
Total dissolved solids	500	162	8/2023
Zinc	5	0.52	8/2023
Sodium	50	24	8/2023
Sulfate	250	33	8/2023
Temperature (C)	none	25	8/2023
Residual chlorine (Units)	4 (ppm)	1.67 (ppm)	8/2023

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")