

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

	<u>Federal/ NJ MCL</u>	<u>Brick Twp Delivered</u>	<u>Units</u>	<u>Analysis Date</u>
Monthly (reporting)				
Turbidity (Clarity)	0.3	0.051	NTU	12/2023
Microbiological				
Total coliform bacteria	5 (%+ samples)	0.0 (%+ samples)		12/2023
Heterotrophic plate count	<500	0	CFU	12/2023
Quarterly				
Trihalomethanes chloroform bromoform bromodichloromethane dibromochloromethane	80 Locational Running Annual Average (LRAA)	10.9 (max)	ppb	10/2023
Haloacetic Acids monochloroacetic acid monobromoacetic acid dichloroacetic acid dibromoacetic acid trichloroacetic acid	60 Locational Running Annual Average (LRAA)	8.3 (max)	ppb	10/2023
Nitrate/Nitrite	10	0.51	ppm	12/2023
PFAS				
Perfluorooctanesulfonic acid (PFOS)	13	ND	ppt	11/2023
Perfluorooctanoic acid (PFOA)	14	ND	ppt	11/2023
Perfluorononanoic acid (PFNA)	13	ND	ppt	11/2023
Annually				
Regulated Inorganics (Units)				
Antimony	0.006 ppm	<0.0003	ppm	12/2023
Arsenic	0.05 ppm	<0.0005	ppm	12/2023
Barium	2 ppm	0.037	ppm	12/2023
Beryllium	0.004 ppm	<0.0003	ppm	12/2023

Cadmium	0.005 ppm	<0.0005	ppm	12/2023
Chromium	0.1	<0.0005	ppm	12/2023
Copper	1.3*	0.001	ppm	12/2023
Lead	0.015*	<0.0005	ppm	12/2023
Mercury	0.002	<0.0001	ppm	5/2023
Nickel	0.1	0.0004	ppm	12/2023
Selenium	0.05	<0.0080	ppm	12/2023
Thallium	0.002	<0.0003	ppm	12/2023
Fluoride	4	< 0.050	ppm	12/2023

*action level

Regulated Volatile Organics

benzene	5/1	<0.5	ppb	12/2023
carbon tetrachloride	5/2	<0.5	ppb	12/2023
1,2-dichlorobenzene	600	<0.5	ppb	12/2023
1,3-dichlorobenzene	none/600	<0.5	ppb	12/2023
1,4-dichlorobenzene	75	<0.5	ppb	12/2023
1,2-dichloroethane	5/2	<0.5	ppb	12/2023
1,1-dichloroethane	none/50	<0.5	ppb	12/2023
1,1-dichloroethene	7/2	<0.5	ppb	12/2023
cis-1,2-dichloroethene	70	<0.5	ppb	12/2023
trans-1,2-dichloroethene	100	<0.5	ppb	12/2023
dichloromethane	5/3	<0.5	ppb	12/2023
1,2-dichloropropane	5	<0.5	ppb	12/2023
ethylbenzene	700	<0.5	ppb	12/2023
chlorobenzene	100/50	<0.5	ppb	12/2023
styrene	100	<0.5	ppb	12/2023
tetrachloroethene (PCE)	5/1	<0.5	ppb	12/2023
toluene	1000	<0.5	ppb	12/2023
1,2,4-trichlorobenzene	70/9	<0.5	ppb	12/2023
1,1,1-trichloroethane	200/30	<0.5	ppb	12/2023
1,1,2-trichloroethane	5/3	<0.5	ppb	12/2023
trichloroethene (TCE)	5/1	<0.5	ppb	12/2023
1,1,2,2-tetrachloroethane	none/1	<0.5	ppb	12/2023
vinyl chloride	2	<0.5	ppb	12/2023
xylene (total)	1000	<0.5	ppb	12/2023
naphthalene	none/300	<0.5	ppb	12/2023
methyl tert-butyl ether (MTBE)	70	<0.5	ppb	12/2023

Secondary Drinking Water Standards/Additional Testing

Aluminum	0.2	0.00	ppm	12/2023
MBAS (surfactants)	0.5	0.03	ppm	5/2023
Chloride	250	32	ppm	12/2023
Color (Pt-Co units)	15	<5	ppm	12/2023
Corrosivity (LI)	+/-1	-0.64	ppm	12/2023
Hardness	50-250	77	ppm	12/2023
Iron	0.3	< 0.10	ppm	12/2023

Manganese	0.05	0.00	ppm	12/2023
Odor (TON)	3	0.50	ppm	12/2023
pH	6.5-8.5	7.80	ppm	12/2023
Silver	0.1	<0.0005	ppm	12/2023
Total dissolved solids	500	150	ppm	12/2023
Zinc	5	0.33	ppm	12/2023
Sodium	50	26	ppm	12/2023
Sulfate	250	32	ppm	12/2023
Temperature (C)	none	16	ppm	12/2023
Residual chlorine	4	1.65	ppm	12/2023

Nine Year Interval

Radiological				
Gross alpha activity	15	< 3	pCi/l	7/2020
Asbestos	7	<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")