

**Monthly Water Quality Analysis
Result Summary
December 2024**

	<u>Federal/ NJ MCL</u>	<u>Brick Twp Delivered</u>	<u>Units</u>	<u>Analysis Date</u>
Monthly (reporting)				
Turbidity (Clarity)	0.3	0.073	NTU	12/2024
Microbiological				
Total coliform bacteria	5 (%+ samples)	0.0 (%+ samples)		12/2024
Heterotrophic plate count	<500	0.5	CFU	12/2024
Quarterly				
Trihalomethanes chloroform bromoform bromodichloromethane dibromochloromethane	80 Locational Running Annual Average (LRAA)	16.1 (max)	ppb	10/2024
Haloacetic Acids monochloroacetic acid monobromoacetic acid dichloroacetic acid dibromoacetic acid trichloroacetic acid	60 Locational Running Annual Average (LRAA)	4.9 (max)	ppb	10/2024
Nitrate/Nitrite	10	0.53	ppm	12/2024
PFAS				
Perfluorooctanesulfonic acid (PFOS)	13	ND	ppt	11/2024
Perfluorooctanoic acid (PFOA)	14	ND	ppt	11/2024
Perfluorononanoic acid (PFNA)	13	ND	ppt	11/2024
Annually				
Regulated Inorganics (Units)				
Antimony	0.006 ppm	0.0005	ppm	12/2024
Arsenic	0.05 ppm	0.0009	ppm	12/2024
Barium	2 ppm	0.071	ppm	12/2024
Beryllium	0.004 ppm	0.0003	ppm	12/2024

Cadmium	0.005 ppm	<0.0005	ppm	12/2024
Chromium	0.1	<0.0005	ppm	12/2024
Copper	1.3*	0.016	ppm	12/2024
Lead	0.015*	<0.0005	ppm	12/2024
Mercury	0.002	<0.0001	ppm	5/2024
Nickel	0.1	0.0007	ppm	12/2024
Selenium	0.05	<0.0080	ppm	12/2024
Thallium	0.002	0.0003	ppm	12/2024
Fluoride	4	<0.05	ppm	12/2024

*action level

Regulated Volatile Organics

benzene	5/1	<0.5	ppb	12/2024
carbon tetrachloride	5/2	<0.5	ppb	12/2024
1,2-dichlorobenzene	600	<0.5	ppb	12/2024
1,3-dichlorobenzene	none/600	<0.5	ppb	12/2024
1,4-dichlorobenzene	75	<0.5	ppb	12/2024
1,2-dichloroethane	5/2	<0.5	ppb	12/2024
1,1-dichloroethane	none/50	<0.5	ppb	12/2024
1,1-dichloroethene	7/2	<0.5	ppb	12/2024
cis-1,2-dichloroethene	70	<0.5	ppb	12/2024
trans-1,2-dichloroethene	100	<0.5	ppb	12/2024
dichloromethane	5/3	<0.5	ppb	12/2024
1,2-dichloropropane	5	<0.5	ppb	12/2024
ethylbenzene	700	<0.5	ppb	12/2024
chlorobenzene	100/50	<0.5	ppb	12/2024
styrene	100	<0.5	ppb	12/2024
tetrachloroethene (PCE)	5/1	<0.5	ppb	12/2024
toluene	1000	<0.5	ppb	12/2024
1,2,4-trichlorobenzene	70/9	<0.5	ppb	12/2024
1,1,1-trichloroethane	200/30	<0.5	ppb	12/2024
1,1,2-trichloroethane	5/3	<0.5	ppb	12/2024
trichloroethene (TCE)	5/1	<0.5	ppb	12/2024
1,1,2,2-tetrachloroethane	none/1	<0.5	ppb	12/2024
vinyl chloride	2	<0.5	ppb	12/2024
xylenes (total)	1000	<0.5	ppb	12/2024
naphthalene	none/300	<0.5	ppb	12/2024
methyl tert-butyl ether (MTBE)	70	<0.5	ppb	12/2024

Secondary Drinking Water Standards/Additional Testing

Aluminum	0.2	0.14	ppm	12/2024
MBAS (surfactants)	0.5	0.09	ppm	5/2024
Chloride	250	40	ppm	12/2024
Color (Pt-Co units)	15	<5	ppm	12/2024
Corrosivity (LI)	+/-1	-0.55	ppm	12/2024
Hardness	50-250	92	ppm	12/2024
Iron	0.3	< 0.10	ppm	12/2024

Manganese	0.05	0.00	ppm	12/2024
Odor (TON)	3	0.00	ppm	12/2024
pH	6.5-8.5	7.88	ppm	12/2024
Silver	0.1	<0.0005	ppm	12/2024
Total dissolved solids	500	179	ppm	12/2024
Zinc	5	0.45	ppm	12/2024
Sodium	50	31	ppm	12/2024
Sulfate	250	32	ppm	12/2024
Temperature (C)	none	15	ppm	12/2024
Residual chlorine	4	1.47	ppm	12/2024

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")