

**Monthly Water Quality Analysis
Result Summary
October 2022**

	<u>Federal/ NJ MCL</u>	<u>Brick Twp Delivered</u>	<u>Analysis Date</u>
Monthly (reporting)			
Turbidity (Clarity) (Units)	0.3 (NTU)	0.048 (NTU)	10/2022
Microbiological			
Total coliform bacteria (Units)	5 (%+ samples)	0.0 (%+ samples)	10/2022
Heterotrophic plate count (Units)	<500 (CFU)	0 (CFU)	10/2022
Quarterly			
Trihalomethanes chloroform bromoform bromodichloromethane dibromochloromethane (Units)	80 Locational Running Annual Average (LRAA) (ppb)	19.8 (max) (ppb)	10/2022
Haloacetic Acids monochloroacetic acid monobromoacetic acid dichloroacetic acid dibromoacetic acid trichloroacetic acid (Units)	60 Locational Running Annual Average (LRAA) (ppb)	13.9 (max) (ppb)	10/2022
Nitrate/Nitrite (Units)	10 (ppm)	0.50 (ppm)	10/2022
Annually			
Regulated Inorganics			
Antimony	0.006	<0.0003	10/2022
Arsenic	0.05	0.0006	10/2022
Barium	2	0.054	10/2022
Beryllium	0.004	<0.0003	10/2022
Cadmium	0.005	<0.0005	10/2022
Chromium	0.1	0.0005	10/2022
Copper	1.3*	0.0009	10/2022
Lead	0.015*	0.00009	10/2022
Mercury	0.002	<0.0001	5/2022
Nickel	0.1	0.0008	10/2022
Selenium	0.05	<0.0080	10/2022

Thallium	0.002	<0.0003	10/2022
Fluoride (Units)	4 (ppm)	< 0.050 (ppm)	10/2022

*action level

Regulated Volatile Organics

benzene	5/1	<0.5	10/2022
carbon tetrachloride	5/2	<0.5	10/2022
1,2-dichlorobenzene	600	<0.5	10/2022
1,3-dichlorobenzene	none/600	<0.5	10/2022
1,4-dichlorobenzene	75	<0.5	10/2022
1,2-dichloroethane	5/2	<0.5	10/2022
1,1-dichloroethane	none/50	<0.5	10/2022
1,1-dichloroethene	7/2	<0.5	10/2022
cis-1,2-dichloroethene	70	<0.5	10/2022
trans-1,2-dichloroethene	100	<0.5	10/2022
dichloromethane	5/3	<0.5	10/2022
1,2-dichloropropane	5	<0.5	10/2022
ethylbenzene	700	<0.5	10/2022
chlorobenzene	100/50	<0.5	10/2022
styrene	100	<0.5	10/2022
tetrachloroethene (PCE)	5/1	<0.5	10/2022
toluene	1000	<0.5	10/2022
1,2,4-trichlorobenzene	70/9	<0.5	10/2022
1,1,1-trichloroethane	200/30	<0.5	10/2022
1,1,2-trichloroethane	5/3	<0.5	10/2022
trichloroethene (TCE)	5/1	<0.5	10/2022
1,1,2,2-tetrachloroethane	none/1	<0.5	10/2022
vinyl chloride	2	<0.5	10/2022
xylene (total)	1000	<0.5	10/2022
naphthalene	none/300	<0.5	10/2022
methyl tert-butyl ether (MTBE) (Units)	70 (ppb)	<0.5 (ppb)	10/2022

Secondary Drinking Water Standards/Additional Testing

Aluminum	0.2	0.042	10/2022
MBAS (surfactants)	0.5	0.11	5/2022
Chloride	250	37	10/2022
Color (Pt-Co units)	15	1	10/2022
Corrosivity (LI)	+/-1	-0.61	10/2022
Hardness	50-250	100	10/2022
Iron	0.3	< 0.10	10/2022
Manganese	0.05	0.015	10/2022
Odor (TON)	3	0.5	10/2022
pH	6.5-8.5	7.78	10/2022
Silver	0.1	<0.0005	10/2022
Total dissolved solids	500	180	10/2022
Zinc	5	0.44	10/2022

Sodium	50	25	10/2022
Sulfate	250	38	10/2022
Temperature (C)	none	20	10/2022
Residual chlorine (Units)	4 (ppm)	1.78 (ppm)	10/2022

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")