

**Monthly Water Quality Analysis  
Result Summary  
October 2020**

	<u>Federal/ NJ MCL</u>	<u>Brick Twp Delivered</u>	<u>Analysis Date</u>
<b>Monthly (reporting)</b>			
Turbidity (Clarity) (Units)	0.3 (NTU)	0.050 (NTU)	10/2020
Microbiological			
Total coliform bacteria (Units)	5 (%+ samples)	1.0 (%+ samples)	10/2020
Heterotrophic plate count (Units)	<500 (CFU)	0 (CFU)	10/2020
<b>Quarterly</b>			
Trihalomethanes chloroform bromoform bromodichloromethane dibromochloromethane (Units)	80  Locational Running Annual Average (LRAA)  (ppb)	38.0 (max)    (ppb)	10/2020
Haloacetic Acids monochloroacetic acid monobromoacetic acid dichloroacetic acid dibromoacetic acid trichloroacetic acid (Units)	60  Locational Running Annual Average (LRAA)  (ppb)	27.6 (max)    (ppb)	10/2020
Nitrate/Nitrite (Units)	10 (ppm)	0.39 (ppm)	10/2020
<b>Annually</b>			
Regulated Inorganics			
Antimony	0.006	<0.0003	10/2020
Arsenic	0.05	<0.0005	10/2020
Barium	2	0.060	10/2020
Beryllium	0.004	<0.0003	10/2020
Cadmium	0.005	<0.0005	10/2020
Chromium	0.1	<0.0005	10/2020
Copper	1.3*	0.0007	10/2020
Lead	0.015*	<0.0005	10/2020
Mercury	0.002	<0.0001	10/2020
Nickel	0.1	0.0007	10/2020
Selenium	0.05	<0.0080	10/2020
Thallium	0.002	<0.0003	10/2020
Fluoride	4	< 0.050	10/2020

(Units)	(ppm)	(ppm)	
*action level			
Regulated Volatile Organics			
benzene	5/1	<0.5	10/2020
carbon tetrachloride	5/2	<0.5	10/2020
1,2-dichlorobenzene	600	<0.5	10/2020
1,3-dichlorobenzene	none/600	<0.5	10/2020
1,4-dichlorobenzene	75	<0.5	10/2020
1,2-dichloroethane	5/2	<0.5	10/2020
1,1-dichloroethane	none/50	<0.5	10/2020
1,1-dichloroethene	7/2	<0.5	10/2020
cis-1,2-dichloroethene	70	<0.5	10/2020
trans-1,2-dichloroethene	100	<0.5	10/2020
dichloromethane	5/3	<0.5	10/2020
1,2-dichloropropane	5	<0.5	10/2020
ethylbenzene	700	<0.5	10/2020
chlorobenzene	100/50	<0.5	10/2020
styrene	100	<0.5	10/2020
tetrachloroethene (PCE)	5/1	<0.5	10/2020
toluene	1000	<0.5	10/2020
1,2,4-trichlorobenzene	70/9	<0.5	10/2020
1,1,1-trichloroethane	200/30	<0.5	10/2020
1,1,2-trichloroethane	5/3	<0.5	10/2020
trichloroethene (TCE)	5/1	<0.5	10/2020
1,1,2,2-tetrachloroethane	none/1	<0.5	10/2020
vinyl chloride	2	<0.5	10/2020
xylenes (total)	1000	<0.5	10/2020
naphthalene	none/300	<0.5	10/2020
methyl tert-butyl ether (MTBE)	70	<0.5	10/2020
(Units)	(ppb)	(ppb)	

#### Secondary Drinking Water Standards/Additional Testing

Aluminum	0.2	0.050	10/2020
MBAS (surfactants)	0.5	< 0.05	5/2020
Chloride	250	32	10/2020
Color (Pt-Co units)	15	1	5/2020
Corrosivity (LI)	+/-1	-0.44	10/2020
Hardness	50-250	100	10/2020
Iron	0.3	< 0.10	10/2020
Manganese	0.05	0.0007	10/2020
Odor (TON)	3	1.0	5/2020
pH	6.5-8.5	7.88	10/2020
Silver	0.1	0.0010	10/2020
Total dissolved solids	500	209	10/2020
Zinc	5	0.42	10/2020
Sodium	50	28	10/2020
Sulfate	250	36	10/2020
Temperature (C)	none	21	10/2020
Residual chlorine	4	1.79	10/2020

(Units)	(ppm)	(ppm)	
<b>Nine Year Interval</b>			
Radiological			
Gross alpha activity	15 (pCi/l)	< 3 (pCi/l)	7/2020
Asbestos	7 (MFL)	<0.25 (MFL)	7/2020
(Units)			

**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")