

**Monthly Water Quality Analysis  
Result Summary  
March 2021**

	<u>Federal/ NJ MCL</u>	<u>Brick Twp Delivered</u>	<u>Analysis Date</u>
<b>Monthly (reporting)</b>			
Turbidity (Clarity) (Units)	0.3 (NTU)	0.540 (NTU)	3/2021
Microbiological			
Total coliform bacteria (Units)	5 (%+ samples)	0.0 (%+ samples)	3/2021
Heterotrophic plate count (Units)	<500 (CFU)	0 (CFU)	3/2021
<b>Quarterly</b>			
Trihalomethanes chloroform bromoform bromodichloromethane dibromochloromethane (Units)	80 Locational Running Annual Average (LRAA)  (ppb)	31.9 (max)  (ppb)	3/2021
Haloacetic Acids monochloroacetic acid monobromoacetic acid dichloroacetic acid dibromoacetic acid trichloroacetic acid (Units)	60 Locational Running Annual Average (LRAA)  (ppb)	24.4 (max)  (ppb)	3/2021
Nitrate/Nitrite (Units)	10 (ppm)	0.54 (ppm)	3/2021
<b>Annually</b>			
Regulated Inorganics			
Antimony	0.006	<0.0003	3/2021
Arsenic	0.05	<0.0005	3/2021
Barium	2	0.066	3/2021
Beryllium	0.004	<0.0003	3/2021
Cadmium	0.005	<0.0005	3/2021
Chromium	0.1	0.0008	3/2021
Copper	1.3*	0.0008	3/2021
Lead	0.015*	<0.0005	3/2021
Mercury	0.002	<0.0001	1/2021
Nickel	0.1	0.0005	3/2021
Selenium	0.05	<0.0080	3/2021
Thallium	0.002	<0.0003	3/2021
Fluoride	4	< 0.050	3/2021

(Units)	(ppm)	(ppm)	
*action level			
Regulated Volatile Organics			
benzene	5/1	<0.5	3/2021
carbon tetrachloride	5/2	<0.5	3/2021
1,2-dichlorobenzene	600	<0.5	3/2021
1,3-dichlorobenzene	none/600	<0.5	3/2021
1,4-dichlorobenzene	75	<0.5	3/2021
1,2-dichloroethane	5/2	<0.5	3/2021
1,1-dichloroethane	none/50	<0.5	3/2021
1,1-dichloroethene	7/2	<0.5	3/2021
cis-1,2-dichloroethene	70	<0.5	3/2021
trans-1,2-dichloroethene	100	<0.5	3/2021
dichloromethane	5/3	<0.5	3/2021
1,2-dichloropropane	5	<0.5	3/2021
ethylbenzene	700	<0.5	3/2021
chlorobenzene	100/50	<0.5	3/2021
styrene	100	<0.5	3/2021
tetrachloroethene (PCE)	5/1	<0.5	3/2021
toluene	1000	<0.5	3/2021
1,2,4-trichlorobenzene	70/9	<0.5	3/2021
1,1,1-trichloroethane	200/30	<0.5	3/2021
1,1,2-trichloroethane	5/3	<0.5	3/2021
trichloroethene (TCE)	5/1	<0.5	3/2021
1,1,2,2-tetrachloroethane	none/1	<0.5	3/2021
vinyl chloride	2	<0.5	3/2021
xylene (total)	1000	<0.5	3/2021
naphthalene	none/300	<0.5	3/2021
methyl tert-butyl ether (MTBE)	70	<0.5	3/2021
(Units)	(ppb)	(ppb)	

#### Secondary Drinking Water Standards/Additional Testing

Aluminum	0.2	0.082	3/2021
MBAS (surfactants)	0.5	< 0.05	5/2020
Chloride	250	36	3/2021
Color (Pt-Co units)	15	1	5/2020
Corrosivity (LI)	+/-1	-0.55	3/2021
Hardness	50-250	94	3/2021
Iron	0.3	< 0.10	3/2021
Manganese	0.05	0.0006	3/2021
Odor (TON)	3	0.5	12/2020
pH	6.5-8.5	7.81	3/2021
Silver	0.1	<0.0005	3/2021
Total dissolved solids	500	134	2/2021
Zinc	5	0.48	3/2021
Sodium	50	34	3/2021
Sulfate	250	39	3/2021
Temperature (C)	none	18	3/2021
Residual chlorine	4	1.79	3/2021

(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")