

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

	<u>Federal/ NJ MCL</u>	<u>Brick Twp Delivered</u>	<u>Analysis Date</u>
Monthly (reporting)			
Turbidity (Clarity) (Units)	0.3 (NTU)	0.049 (NTU)	1/2020
Microbiological			
Total coliform bacteria (Units)	5 (%+ samples)	0 (%+ samples)	1/2020
Heterotrophic plate count (Units)	<500 (CFU)	0 (CFU)	1/2020
Quarterly			
Trihalomethanes chloroform bromoform bromodichloromethane dibromochloromethane (Units)	80 Locational Running Annual Average (LRAA) (ppb)	49.3 (max) (ppb)	1/2020
Haloacetic Acids monochloroacetic acid monobromoacetic acid dichloroacetic acid dibromoacetic acid trichloroacetic acid (Units)	60 Locational Running Annual Average (LRAA) (ppb)	29.1 (max) (ppb)	1/2020
Annually			
Regulated Inorganics			
Antimony	0.006	<0.0003	1/2020
Arsenic	0.05	0.0002	1/2020
Barium	2	0.055	1/2020
Beryllium	0.004	<0.0003	1/2020
Cadmium	0.005	<0.0005	1/2020
Chromium	0.1	<0.0005	1/2020
Copper	1.3*	0.0024	1/2020
Lead	0.015*	0.0028	1/2020
Mercury	0.002	<0.0001	1/2020
Nickel	0.1	0.0006	1/2020
Selenium	0.05	<0.0080	1/2020
Thallium	0.002	<0.0003	1/2020
Fluoride (Units)	4 (ppm)	< 0.050 (ppm)	1/2020

*action level

Nitrate/Nitrite (Units)	10 (ppm)	0.51 (ppm)	1/2020
Regulated Volatile Organics			
benzene	5/1	<0.5	1/2020
carbon tetrachloride	5/2	<0.5	1/2020
1,2-dichlorobenzene	600	<0.5	1/2020
1,3-dichlorobenzene	none/600	<0.5	1/2020
1,4-dichlorobenzene	75	<0.5	1/2020
1,2-dichloroethane	5/2	<0.5	1/2020
1,1-dichloroethane	none/50	<0.5	1/2020
1,1-dichloroethene	7/2	<0.5	1/2020
cis-1,2-dichloroethene	70	<0.5	1/2020
trans-1,2-dichloroethene	100	<0.5	1/2020
dichloromethane	5/3	<0.5	1/2020
1,2-dichloropropane	5	<0.5	1/2020
ethylbenzene	700	<0.5	1/2020
chlorobenzene	100/50	<0.5	1/2020
styrene	100	<0.5	1/2020
tetrachloroethene (PCE)	5/1	<0.5	1/2020
toluene	1000	<0.5	1/2020
1,2,4-trichlorobenzene	70/9	<0.5	1/2020
1,1,1-trichloroethane	200/30	<0.5	1/2020
1,1,2-trichloroethane	5/3	<0.5	1/2020
trichloroethene (TCE)	5/1	<0.5	1/2020
1,1,2,2-tetrachloroethane	none/1	<0.5	1/2020
vinyl chloride	2	<0.5	1/2020
xylene (total)	1000	<0.5	1/2020
naphthalene	none/300	<0.5	1/2020
methyl tert-butyl ether (MTBE) (Units)	70 (ppb)	<0.5 (ppb)	1/2020

Secondary Drinking Water Standards/Additional Testing

Aluminum	0.2	0.092	10/2019
MBAS (surfactants)	0.5	< 0.05	5/2019
Chloride	250	42	10/2019
Color (Pt-Co units)	15	1	5/2019
Corrosivity (LI)	+/-1	-0.72	10/2019
Hardness	50-250	92	10/2019
Iron	0.3	< 0.10	10/2019
Manganese	0.05	<0.0005	10/2019
Odor (TON)	3	< 1.0	10/2019
pH	6.5-8.5	7.76	10/2019
Silver	0.1	0.0010	10/2019
Total dissolved solids	500	177	10/2019
Zinc	5	0.49	10/2019
Sodium	50	27	10/2019
Sulfate	250	34	10/2019
Temperature (C)	none	17	10/2019

Residual chlorine (Units)	4 (ppm)	1.75 (ppm)	10/2019
Nine Year Interval			
Radiological			
Gross alpha activity (includes Ra224) (Units)	15 (pCi/l)	2.1 (pCi/l)	8/2014
Asbestos (Units)	7 (MFL)	<0.09 (MFL)	8/2013

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")