

**Monthly Water Quality Analysis
Result Summary
October 2018**

	<u>Federal/ NJ MCL</u>	<u>Brick Twp Delivered</u>	<u>Analysis Date</u>
Monthly (reporting)			
Turbidity (Clarity) (Units)	0.3 (NTU)	0.050 (NTU)	10/2018
Microbiological			
Total coliform bacteria (Units)	5 (%+ samples)	0 (%+ samples)	10/2018
Heterotrophic plate count (Units)	<500 (CFU)	0 (CFU)	10/2018
Quarterly			
Trihalomethanes chloroform bromoform bromodichloromethane dibromochloromethane (Units)	80 Locational Running Annual Average (LRAA) (ppb)	33.1 (max) (ppb)	10/2018
Haloacetic Acids monochloroacetic acid monobromoacetic acid dichloroacetic acid dibromoacetic acid trichloroacetic acid (Units)	60 Locational Running Annual Average (LRAA) (ppb)	22.0 (max) (ppb)	10/2018
Nitrate/Nitrite (Units)	10 (ppm)	0.58 (ppm)	10/2018
Annually			
Regulated Inorganics			
Antimony	0.006	<0.0003	8/2018
Arsenic	0.05	<0.0005	8/2018
Barium	2	0.064	8/2018
Beryllium	0.004	<0.0003	8/2018
Cadmium	0.005	<0.0005	8/2018
Chromium	0.1	<0.0005	8/2018
Copper	1.3*	0.0025	8/2018
Lead	0.015*	0.0068	8/2018
Mercury	0.002	<0.0001	7/2018
Nickel	0.1	0.0011	8/2018
Selenium	0.05	0.0015	8/2018
Thallium	0.002	<0.0003	8/2018
Fluoride	4	< 0.050	10/2018

(Units)	(ppm)	(ppm)	
*action level			
Regulated Volatile Organics			
benzene	5/1	<0.5	10/2018
carbon tetrachloride	5/2	<0.5	10/2018
1,2-dichlorobenzene	600	<0.5	10/2018
1,3-dichlorobenzene	none/600	<0.5	10/2018
1,4-dichlorobenzene	75	<0.5	10/2018
1,2-dichloroethane	5/2	<0.5	10/2018
1,1-dichloroethane	none/50	<0.5	10/2018
1,1-dichloroethene	7/2	<0.5	10/2018
cis-1,2-dichloroethene	70	<0.5	10/2018
trans-1,2-dichloroethene	100	<0.5	10/2018
dichloromethane	5/3	<0.5	10/2018
1,2-dichloropropane	5	<0.5	10/2018
ethylbenzene	700	<0.5	10/2018
chlorobenzene	100/50	<0.5	10/2018
styrene	100	<0.5	10/2018
tetrachloroethene (PCE)	5/1	<0.5	10/2018
toluene	1000	<0.5	10/2018
1,2,4-trichlorobenzene	70/9	<0.5	10/2018
1,1,1-trichloroethane	200/30	<0.5	10/2018
1,1,2-trichloroethane	5/3	<0.5	10/2018
trichloroethene (TCE)	5/1	<0.5	10/2018
1,1,2,2-tetrachloroethane	none/1	<0.5	10/2018
vinyl chloride	2	<0.5	10/2018
xylenes (total)	1000	<0.5	10/2018
naphthalene	none/300	<0.5	10/2018
methyl tert-butyl ether (MTBE)	70	<0.5	10/2018
(Units)	(ppb)	(ppb)	
Synthetic Organic Compounds			
2,4,5-T		0.0829	10/2018
2,4,5-TP	50	<0.147	10/2018
2,4-D	70	<0.03	10/2018
2,4-DB		<0.13	10/2018
3,5-Dichlorobenzoic Acid		<0.188	10/2018
Acenaphthylene		<0.006	10/2018
Acetochlor		<0.01	10/2018
Aldrin		<0.01	10/2018
Alpha-Chlordane	0.5	<0.013	10/2018
Anthracene		<0.008	10/2018
Atrazine	3	<0.007	10/2018
Bentazon		<0.074	10/2018
Benzo(a)anthracene		<0.01	10/2018
Benzo(a)pyrene	0.2	<0.017	10/2018
Benzo(b)fluoranthene		<0.005	10/2018
Benzo(g,h,i)perylene		<0.027	10/2018
Benzo(k)fluoranthene		<0.039	10/2018
BHC-gamma		<0.013	10/2018

Butylbenzyl Phthalate		1.07	10/2018
Chrysene		<0.014	10/2018
DCPA Mono/Di-Acid Degradates		<0.12	10/2018
Di(2-ethylhexyl)adipate	400	<0.019	10/2018
Di(2-ethylhexyl)phthalate	6	<0.016	10/2018
Di-n-butyl Phthalate		0.38	10/2018
Dibenzo(a,h)anthracene		<0.009	10/2018
Dicamba		<0.074	10/2018
Dieldrin		<0.011	10/2018
Diethyl phthalate		<0.03	10/2018
Dimethyl phthalate		<0.014	10/2018
Dinoseb	7	<0.083	10/2018
Endrin	2	<0.033	10/2018
Fluorene		<0.01	10/2018
Gamma-Chlordane	0.5	<0.007	10/2018
Heptachlor	0.4	<0.006	10/2018
Heptachlor Epoxide	0.2	<0.023	10/2018
Hexachlorocyclopentadiene	50	<0.008	10/2018
Ideno(1,2,3-cd)pyrene		<0.009	10/2018
Lasso		<0.009	10/2018
Methoxychlor	40	<0.005	10/2018
Pentachlorophenol	1	<0.015	10/2018
Phenanthrene		<0.009	10/2018
Picloram	500	<0.101	10/2018
Pyrene		<0.007	10/2018
Simazine	4	<0.015	10/2018
Spectracide		<0.008	10/2018
Trans-Nonachlor		<0.006	10/2018
(Units)	(ppb)	(ppb)	

Secondary Drinking Water Standards/Additional Testing

Aluminum	0.2	0.043	8/2018
MBAS (surfactants)	0.5	< 0.05	5/2018
Chloride	250	37	10/2018
Color (Pt-Co units)	15	1	5/2018
Corrosivity (LI)	+/-1	-0.51	10/2018
Hardness	50-250	88	10/2018
Iron	0.3	< 0.10	10/2018
Manganese	0.05	<0.05	10/2018
Odor (TON)	3	3.2	10/2018
pH	6.5-8.5	7.79	10/2018
Silver	0.1	<0.0005	8/2018
Total dissolved solids	500	196	10/2018
Zinc	5	0.58	10/2018
Sodium	50	22	10/2018
Sulfate	250	39	10/2018
Temperature (C)	none	21	10/2018
Residual chlorine	4	1.52	10/2018
(Units)	(ppm)	(ppm)	

Nine Year Interval

Radiological			
Gross alpha activity (includes Ra224)	15	2.1	8/2014
Asbestos	7	<0.09	8/2013
(Units)	(MFL)	(MFL)	

Brick performs analyses for the Synthetic Organic Compounds (SOCs) shown under ann a waiver for these analyses is in place.

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
 SDWA = Safe Drink Water Act
 > = greater than
 < = less than (also means "not detected")