Monthly Water Quality Analysis
Result Summary
October 2016

	Federal/ NJ MCL	Brick Twp Delivered	Analysis Date
Monthly (reporting)			
Turbidity (Clarity)	0.3	0.020	10/2016
(Units)	(NTU)	(NTU)	
Microbiological			
Total coliform bacteria	5	0	10/2016
(Units)	(%+ samples)	(%+ samples)	
Heterotrophic plate count	<500	<1	10/2016
(Units)	(CFU)	(CFU)	
Chlorite	1.0	<0.01	10/2016
(Units)	(ppm)	(ppm)	
Chlorine Dioxide	0.8	<0.02	10/2016
(Units)	(ppm)	(ppm)	
Quarterly			
Trihalomethanes	80	38.7 (max)	10/2016
chloroform	Locational		
bromoform	Running Annual		
bromodichloromethane	Average (LRAA)		
dibromochloromethane			
(Units)	(ppb)	(ppb)	
Haloacetic Acids	60	22.9 (max)	10/2016
monochloroacetic acid	Locational		
monobromoacetic acid	Running Annual		
dichloroacetic acid	Average (LRAA)		
dibromoacetic acid			
trichloroacetic acid			
(Units)	(ppb)	(ppb)	
Nitrate/Nitrite	10	0.64	10/2016
(Units)	(ppm)	(ppm)	
Annually			
Regulated Inorganics			
Antimony	0.006	<0.0003	10/2016
Arsenic	0.05	<0.0005	10/2016
Barium	2	0.056	10/2016
Beryllium	0.004	<0.0003	10/2016
Cadmium	0.005	<0.0005	10/2016
Chromium	0.1	0.0006	10/2016
Copper	1.3*	0.0034	10/2016
Lead	0.015*	<0.0005	10/2016
Mercury	0.002	<0.0001	10/2016
Nickel	0.1	0.0010	10/2016
Selenium	0.05	<0.0005	10/2016
Thallium	0.002	<0.0003	10/2016
Fluoride	4	< 0.05	8/2016
(Units)	(ppm)	(ppm)	

*action level

Regulated Volatile Organics			
benzene	5/1	<0.5	10/2016
carbon tetrachloride	5/2	<0.5	10/2016
1,2-dichlorobenzene	600	<0.5	10/2016
1,3-dichlorobenzene	none/600	<0.5	10/2016
1,4-dichlorobenzene	75	<0.5	10/2016
1,2-dichloroethane	5/2	<0.5	10/2016
1,1-dichloroethane	none/50	<0.5	10/2016
1,1-dichloroethene	7/2	<0.5	10/2016
cis-1,2-dichloroethene	70	<0.5	10/2016
trans-1,2-dichloroethene	100	<0.5	10/2016
dichloromethane	5/3	<0.5	10/2016
1,2-dichloropropane	5	<0.5	10/2016
ethylbenzene	700	<0.5	10/2016
chlorobenzene	100/50	<0.5	10/2016
styrene	100	<0.5	10/2016
tetrachloroethene (PCE)	5/1	<0.5	10/2016
toluene	1000	<0.5	10/2016
1,2,4-trichlorobenzene	70/9	<0.5	10/2016
1,1,1-trichloroethane	200/30	<0.5	10/2016
1,1,2-trichloroethane	5/3	<0.5	10/2016
trichloroethene (TCE)	5/1	<0.5	10/2016
1,1,2,2-tetrachloroethane	none/1	<0.5	10/2016
vinyl chloride	2	<0.5	10/2016
xylenes (total)	1000	<0.5	10/2016
naphthalene	none/300	<0.5	10/2016
methyl tert-butyl ether (MTBE)	70	<0.5	10/2016
(Units)	(ppb)	(ppb)	

Synthetic Organic Compounds			
Alachlor (Alanex)	2	<0.05	10/2006
Atrazine	3	<0.05	10/2006
Simazine	4	<0.05	10/2006
Endrin	2	<0.01	10/2006
Chlordane	2	<0.1	10/2006
Diquat	20	<0.4	10/2006
Endothall	100	<5	10/2006
Glyphosate	700	<6	10/2006
Heptachlor	0.4	<0.01	10/2006
Heptachlor Epoxide	0.2	<0.01	10/2006
Hexachlorobenzene	1	<0.05	10/2006
Hexachlorocyclopentadiene	50	<0.05	10/2006
Lindane	0.2	<0.01	10/2006
Methoxychlor	40	<0.05	10/2006
Toxaphene	3	<0.5	10/2006
PCBs (polychlorinated biphenyls)	0.5	<0.1	10/2006
Ethylene Dibromide	0.05	<0.01	10/2006
Dibromochloropropane	0.2	<0.01	10/2006
Di(ethylhexyl)adipate	400	<0.6	10/2006
Di(ethylhexyl)phthalate	6	<0.6	10/2006
2,4-D	70	< 0.064	11/2013
Dalapon	200	< 0.12	11/2013
Dinoseb	7	< 0.061	11/2013
Pentachlorophenol	1	< 0.029	11/2013
Picloram	500	< 0.088	11/2013
2,4,5-TP (Silvex)	50	< 0.081	11/2013
Carbofuran (Furadan)	40	<0.5	10/2006
Oxamyl (Vydate)	200	<0.5	10/2006
Aldicarb (Temik)	3	<0.5	10/2006
Aldicarb Sulfone	2	<0.5	10/2006

Aldicarb Sulfoxide	4	<0.5	10/2006
Benzo(a)pyrene	0.2	<0.02	10/2006
2,3,7,8-TCDD (Dioxin)	0.00003	<0.000005	10/2006
(Units)	(ppb)	(ppb)	
Secondary Drinking Water Standards/Additional Testing			
Aluminum	0.2	0.054	10/2016
MBAS (surfactants)	0.5	< 0.1	5/2016
Chloride	250	56	10/2016
Color (Pt-Co units)	15	1	5/2016
Corrosivity (LI)	+/-1	-0.69	10/2016
Hardness	50-250	114	10/2016
Iron	0.3	< 0.10	10/2016
Manganese	0.05	0.0049	10/2016
Odor (TON)	3	2.4	10/2016
pH	6.5-8.5	7.68	10/2016
Silver	0.1	<0.0005	10/2016
Total dissolved solids	500	237	10/2016
Zinc	5	0.51	10/2016
Sodium	50	37	10/2016
Sulfate	250	36	10/2016
Temperature (C)	none	16	10/2016
Residual chlorine	4	1.68	10/2016
(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 annual, even thou
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")