

**Monthly Water Quality Analysis
Result Summary
June 2024**

| | <u>Federal/ NJ MCL</u> | <u>Brick Twp Delivered</u> | <u>Units</u> | <u>Analysis Date</u> |
|--|--|--------------------------------|--------------|--------------------------|
| Monthly (reporting) | | | | |
| Turbidity (Clarity) | 0.3 | 0.059 | NTU | 6/2024 |
| Microbiological | | | | |
| Total coliform bacteria | 5 (%+ samples) | 2.0 (%+ samples) | | 6/2024 |
| Heterotrophic plate count | <500 | 0 | CFU | 6/2024 |
| Quarterly | | | | |
| Trihalomethanes chloroform bromoform bromodichloromethane dibromochloromethane | 80 Locational Running Annual Average (LRAA) | 20.3 (max) | ppb | 4/2024 |
| Haloacetic Acids monochloroacetic acid monobromoacetic acid dichloroacetic acid dibromoacetic acid trichloroacetic acid | 60 Locational Running Annual Average (LRAA) | 6.6 (max) | ppb | 4/2024 |
| Nitrate/Nitrite | 10 | 0.52 | ppm | 6/2024 |
| PFAS | | | | |
| Perfluorooctanesulfonic acid (PFOS) | 13 | ND | ppt | 5/2024 |
| Perfluorooctanoic acid (PFOA) | 14 | ND | ppt | 5/2024 |
| Perfluorononanoic acid (PFNA) | 13 | ND | ppt | 5/2024 |
| Annually | | | | |
| Regulated Inorganics (Units) | | | | |
| Antimony | 0.006 ppm | <0.0003 | ppm | 6/2024 |
| Arsenic | 0.05 ppm | <0.0005 | ppm | 6/2024 |
| Barium | 2 ppm | 0.046 | ppm | 6/2024 |
| Beryllium | 0.004 ppm | <0.0003 | ppm | 6/2024 |

| | | | | |
|----------|-----------|---------|-----|--------|
| Cadmium | 0.005 ppm | <0.0005 | ppm | 6/2024 |
| Chromium | 0.1 | <0.0005 | ppm | 6/2024 |
| Copper | 1.3* | 0.002 | ppm | 6/2024 |
| Lead | 0.015* | <0.0005 | ppm | 6/2024 |
| Mercury | 0.002 | <0.0001 | ppm | 5/2024 |
| Nickel | 0.1 | 0.0007 | ppm | 6/2024 |
| Selenium | 0.05 | <0.0080 | ppm | 6/2024 |
| Thallium | 0.002 | <0.0003 | ppm | 6/2024 |
| Fluoride | 4 | 0.066 | ppm | 6/2024 |

*action level

Regulated Volatile Organics

| | | | | |
|--------------------------------|----------|------|-----|--------|
| benzene | 5/1 | <0.5 | ppb | 6/2024 |
| carbon tetrachloride | 5/2 | <0.5 | ppb | 6/2024 |
| 1,2-dichlorobenzene | 600 | <0.5 | ppb | 6/2024 |
| 1,3-dichlorobenzene | none/600 | <0.5 | ppb | 6/2024 |
| 1,4-dichlorobenzene | 75 | <0.5 | ppb | 6/2024 |
| 1,2-dichloroethane | 5/2 | <0.5 | ppb | 6/2024 |
| 1,1-dichloroethane | none/50 | <0.5 | ppb | 6/2024 |
| 1,1-dichloroethene | 7/2 | <0.5 | ppb | 6/2024 |
| cis-1,2-dichloroethene | 70 | <0.5 | ppb | 6/2024 |
| trans-1,2-dichloroethene | 100 | <0.5 | ppb | 6/2024 |
| dichloromethane | 5/3 | <0.5 | ppb | 6/2024 |
| 1,2-dichloropropane | 5 | <0.5 | ppb | 6/2024 |
| ethylbenzene | 700 | <0.5 | ppb | 6/2024 |
| chlorobenzene | 100/50 | <0.5 | ppb | 6/2024 |
| styrene | 100 | <0.5 | ppb | 6/2024 |
| tetrachloroethene (PCE) | 5/1 | <0.5 | ppb | 6/2024 |
| toluene | 1000 | <0.5 | ppb | 6/2024 |
| 1,2,4-trichlorobenzene | 70/9 | <0.5 | ppb | 6/2024 |
| 1,1,1-trichloroethane | 200/30 | <0.5 | ppb | 6/2024 |
| 1,1,2-trichloroethane | 5/3 | <0.5 | ppb | 6/2024 |
| trichloroethene (TCE) | 5/1 | <0.5 | ppb | 6/2024 |
| 1,1,2,2-tetrachloroethane | none/1 | <0.5 | ppb | 6/2024 |
| vinyl chloride | 2 | <0.5 | ppb | 6/2024 |
| xylenes (total) | 1000 | <0.5 | ppb | 6/2024 |
| naphthalene | none/300 | <0.5 | ppb | 6/2024 |
| methyl tert-butyl ether (MTBE) | 70 | <0.5 | ppb | 6/2024 |

Secondary Drinking Water Standards/Additional Testing

| | | | | |
|---------------------|--------|--------|-----|--------|
| Aluminum | 0.2 | 0.01 | ppm | 6/2024 |
| MBAS (surfactants) | 0.5 | 0.09 | ppm | 5/2024 |
| Chloride | 250 | 36 | ppm | 6/2024 |
| Color (Pt-Co units) | 15 | <5 | ppm | 6/2024 |
| Corrosivity (LI) | +/-1 | -0.40 | ppm | 6/2024 |
| Hardness | 50-250 | 83 | ppm | 6/2024 |
| Iron | 0.3 | < 0.10 | ppm | 6/2024 |

| | | | | |
|------------------------|---------|---------|-----|--------|
| Manganese | 0.05 | 0.00 | ppm | 6/2024 |
| Odor (TON) | 3 | 0.50 | ppm | 6/2024 |
| pH | 6.5-8.5 | 7.79 | ppm | 6/2024 |
| Silver | 0.1 | <0.0005 | ppm | 6/2024 |
| Total dissolved solids | 500 | 169 | ppm | 6/2024 |
| Zinc | 5 | 0.53 | ppm | 6/2024 |
| Sodium | 50 | 30 | ppm | 6/2024 |
| Sulfate | 250 | 33 | ppm | 6/2024 |
| Temperature (C) | none | 25 | ppm | 6/2024 |
| Residual chlorine | 4 | 1.48 | ppm | 6/2024 |

Nine Year Interval

| | | | | |
|----------------------|----|-------|-------|--------|
| Radiological | | | | |
| Gross alpha activity | 15 | < 3 | pCi/l | 7/2020 |
| Asbestos | 7 | <0.25 | MFL | 7/2020 |

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")