

TEST RESULTS
2012 Stevensville Water System – Chester Area Facilities
REGULATED CONTAMINENTS

| Contaminant | Units | Level Detected Bridgepointe | Level Detected Kent Island Village | Level Detected Bayside | Level Detected Queen's Landing | MCL | MCLG | Likely Sources |
|---|---------|-----------------------------|------------------------------------|------------------------|--------------------------------|---------|--------|---|
| Gross Alpha ¹ | µrem/yr | 160 | Non-Detect | 160 | 320 | 15,000 | 0 | Natural Deposits |
| Gross Beta ¹ | µrem/yr | na | Non-Detect | 240 | 320 | 4000 | 0 | Natural Deposits |
| Barium | ppb | Non-Detect | Non-Detect | Non Detect | 160 | 2000 | 2000 | Natural Deposits |
| Copper | ppb | 582 | 582 | 582 | 582 | AL=1300 | 1300 | Plumbing Corrosion |
| Di(2-ethylhexyl) phthalate ² | ppb | 0.7 | Non-Detect | 0.5 | 2.6 | 6 | 0 | Discharge from rubber or chemical factories |
| Fluoride | ppb | Non Detect | Non-Detect | 240 | Non Detect | 4000 | 4000 | Natural Deposits |
| Nitrate | ppb | Non Detect | Non-Detect | Non Detect | Non Detect | 10,000 | 10,000 | Fertilizer Runoff |
| Haloacetic Acids ³ | ppb | 4 | 4 | 4 | 4 | 60 | 0 | Disinfection Byproducts |
| Trihalomethanes ³ | ppb | 1 | 1 | 1 | 1 | 100 | 0 | Disinfection Byproducts |

UNREGULATED (but detected) CONTAMINENTS

| Contaminant | Units | Level Detected Bridgepointe | Level Detected Kent Island Village | Level Detected Bayside | Level Detected Queens Landing |
|-------------------------------------|-------|-----------------------------|------------------------------------|------------------------|-------------------------------|
| Bromodichloromethane ² | ppb | 0.9 | Non-Detect | 6.5 | 1.1 |
| Chloroform ² | ppb | 3.2 | Non-Detect | 1.5 | 6.4 |
| Chloride | ppm | Non-Detect | Non-Detect | Non-Detect | 1.5 |
| Dibromodichloromethane ² | ppb | Non-Detect | Non-Detect | Non-Detect | 1.5 |
| Iron | ppb | 390 | Non-Detect | 240 | 167 |
| Sodium | ppm | 59 | 120 | 59 | 8.6 |
| Sulfate | ppm | 44 | 56 | 49 | 47 |

- Gross Alpha and Gross Beta are a measure of naturally occurring radioactive contaminants.
- The Maryland Department of the Environment (MDE) tests for Volatile Organic Compounds (VOC) and Synthetic Organic Compounds (SOC).

Test Sample Dates: (full test results available upon request)

³Disinfection Byproducts – **May 10, 2012**

Lead & Copper – **December 31, 2012**

Nitrate & Nitrite – June 14, 2011

Inorganics – **May 11, 2012** (BP), **May 17, 2012** (KIV), **May 11, 2012** (BS & QL)

VOC/SOC – April 1, 2008 (BP), 2-15-06 (QL), April-28-09 (KIV & BS)

Radioactives – September 4, 2004 (KIV), May 15, 2007 (BP), 3-12-07 (QL)

All Others – April 6, 2006

- Bold** indicates new results for this year's report; most contaminants are not required to be tested annually