

- 4. Article Two, B.5- Water Quality Monitoring (“WQM”) Plan – Report on whether any of the semi-annual (or annual) WQM required under Article Two, B.5, was conducted during the quarter, and if so, in which sewer basins, and report the results of that monitoring (both BST and fecal coliform) for each such sewer basin.**

A limited round of water quality samples was collected on November 10, 2010. Quarterly sampling from one station in each of four sewer basins is supplemental to the annual and semi-annual sampling program. No human source fecal bacteria were identified at any of the four sampling locations. Results are presented below.

The annual round of water quality samples was collected on March 29, 2011, when all twenty-six sewer basins were sampled. Results will be reported in the Second Quarter of 2011.

**Basins Subject to Semi-Annual Monitoring and Reporting Requirements:**

**BST Results:**

**Fecal Bacteria Results:**

- a. **Broad Creek-**
- b. **Cabin John-**
- c. **Horsepen-**

**d. Indian Creek-**

**e. Little Falls-**

**f. Lower Anacostia-**

	<b>BST Results:</b>	<b>Fecal Bacteria Results:</b> ( <i>Enterococcus</i> CFU/100ml)
ANA001 – downstream	<b>Human – 0%</b> Avian – 24% Canine – 13% Deer – 9% Misc. Wildlife – 20% Non-human Unknown – 34%	24

**g. Lower Beaverdam Creek-**

**h. Muddy Branch-**

**i. Northeast Branch-**

	<b>BST Results:</b>	<b>Fecal Bacteria Results:</b> ( <i>Enterococcus</i> CFU/100ml)
NEB001 – upstream	<b>Human – 0%</b> Avian – 26% Canine – 8% Deer – 11% Misc. Wildlife – 27% Non-human Unknown – 28%	51

**j. Northwest Branch-**

	<b>BST Results:</b>	<b>Fecal Bacteria Results:</b> ( <i>Enterococcus</i> CFU/100ml)
NWA001 – downstream	Too few bacteria for BST source determination	<10 (<10)

Note: Value in parenthesis for station NWA001 is for field duplicate sample.

**k. Oxon Run-**

**l. Paint Branch-**

**m. Parkway-**

**n. Piscataway-**

**o. Rock Creek-**

**p. Seneca Creek-**

**q. Sligo Creek-**

	<b>BST Results:</b>	<b>Fecal Bacteria Results:</b> ( <i>Enterococcus</i> CFU/100ml)
SLC001 – downstream	<b>Human – 0%</b> Avian – 21% Canine – 10% Deer – 9% Misc. Wildlife – 28% Non-human Unknown – 32%	39

**r. Upper Beaverdam Creek-**

**s. Watts Branch-**

**t. Western Branch-**

**Basins Subject to Annual Monitoring and Reporting Requirements:**

	<b>BST Results:</b>	<b>Fecal Bacteria Results:</b> ( <i>Enterococcus</i> CFU/100ml)
<b>a. Dulles Interceptor-</b>		
<b>b. Mattawoman-</b>		
<b>c. Monacacy-</b>		
<b>d. Patuxent Center-</b>		
<b>e. Patuxent North-</b>		
<b>f. Rock Run-</b>		