

- 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 January 9, 2008. Quarterly sampling from one station in each of four sewer basins is supplemental to the annual and semi-annual sampling program.

Results are presented below. No human source fecal bacteria were identified at any of the four sampling locations.

The 2008 annual round of water quality monitoring was conducted on March 26, 2008, when all twenty-six sewer basins were sampled. Results will be reported in the Second Quarter of 2008.

**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 – 36% Canine – 14% Deer – 9% Misc. Wildlife – 25% Non-human Unknown – 16%	130 [110]

Note: Values in parentheses [ ] are for a duplicate *Enterococcus* sample submitted to a different bacteria lab.

**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 – 32% Canine – 11% Deer – 14% Misc. Wildlife – 32% Non-human Unknown – 11%	20 [19]

Note: Values in parentheses [ ] are for a duplicate *Enterococcus* sample submitted to a different bacteria lab.

**j. Northwest Branch-**

	<b>BST Results:</b>	<b>Fecal Bacteria Results:</b> ( <i>Enterococcus</i> CFU/100mL)
NWA001 – downstream	<b>Human – 0% (0%)</b> Avian – 41% (38%) Canine – 9% (13%) Deer – 9% (10%) Misc. Wildlife – 23% (19%) Non-human Unknown – 18% (20%)	33 (35) [24] [14]

Note: Values in parentheses ( ) for station NWA001 are for field duplicate sample.

Note: Values in parentheses [ ] are for duplicate *Enterococcus* sample submitted to a different bacteria lab.

**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 – 28% Canine – 16% Deer – 8% Misc. Wildlife – 31% Non-human Unknown – 17%	328 [315]

Note: Values in parentheses [ ] are for a duplicate *Enterococcus* sample submitted to a different bacteria lab.

- 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)
a. <b>Dulles Interceptor-</b>		
b. <b>Mattawoman-</b>		
c. <b>Monacacy-</b>		
d. <b>Patuxent Center-</b>		
e. <b>Patuxent North-</b>		
f. <b>Rock Run-</b>		