

**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 July 9, 2008. Quarterly sampling from one station in each of four sewer basins is supplemental to the annual and semi-annual sampling program. In addition, five of the six sewer basins in the annual monitoring program schedule were sampled. The other sewer basin in the annual monitoring program was sampled in March, and results were reported in the Second Quarter Report for 2008.

Results of the July samples are presented below. No human source fecal bacteria were identified in any samples.

A semi-annual round of water quality samples was collected on September 17, 2008. Twenty of the twenty-six sewer basins were sampled. Results will be reported in the Fourth Quarter of 2008.

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

	<b>BST Results:</b>	<b>Fecal Bacteria Results:</b>
a. <b>Broad Creek-</b>		
b. <b>Cabin John-</b>		
c. <b>Horsepen-</b>		
d. <b>Indian Creek-</b>		
e. <b>Little Falls-</b>		
f. <b>Lower Anacostia-</b>		<b>Fecal Bacteria Results:</b> ( <i>Enterococcus</i> CFU/100mL)
	<b>BST Results:</b>	
ANA001 – downstream	Too few bacteria for BST source determination	<10
g. <b>Lower Beaverdam Creek-</b>		
h. <b>Muddy Branch-</b>		

**i. Northeast Branch-**

**Fecal Bacteria Results:**

**BST Results:**

*(Enterococcus CFU/100mL)*

NEB001 – upstream	<b>Human – 0%</b> Avian – 38% Canine – 11% Deer – 9% Misc. Wildlife – 35% Non-human Unknown – 7%	60
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**j. Northwest Branch-**

**Fecal Bacteria Results:**

**BST Results:**

*(Enterococcus CFU/100mL)*

NWA001 – downstream	Too few bacteria for BST source determination	<10
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**k. Oxon Run-**

**l. Paint Branch-**

**m. Parkway-**

**n. Piscataway-**

**o. Rock Creek-**

**p. Seneca Creek-**

**q. Sligo Creek-**

**Fecal Bacteria Results:**

**BST Results:**

*(Enterococcus CFU/100mL)*

SLC001 – downstream	<b>Human – 0%</b> Avian – 33% Canine – 12% Deer – 7% Misc. Wildlife – 34% Non-human Unknown – 14%	50
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**r. Upper Beaverdam Creek-**

**s. Watts Branch-**

**t. Western Branch-**

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

**a. Dulles Interceptor-** **Fecal Bacteria Results:**  
**BST Results:** (*Enterococcus* CFU/100mL)

DSI001	Too few bacteria for BST source determination	<10 (<10)
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Note: Values in parentheses for station DSI001 are for field duplicate sample.

**b. Mattawoman-** **Fecal Bacteria Results:**  
**BST Results:** (*Enterococcus* CFU/100mL)

MTW001	Too few bacteria for BST source determination	<10
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**c. Monacacy-** Results from samples collected on March 26, 2008 were reported in the Second Quarter Report for 2008.

**d. Patuxent Center-** **Fecal Bacteria Results:**  
**BST Results:** (*Enterococcus* CFU/100mL)

PTC001	<b>Human – 0%</b> Avian – 42% Canine – 6% Deer – 11% Misc. Wildlife – 15% Non-human Unknown – 26%	137
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**e. Patuxent North-** **Fecal Bacteria Results:**  
**BST Results:** (*Enterococcus* CFU/100mL)

PTN001	<b>Human – 0%</b> Avian – 36% Canine – 12% Deer – 17% Misc. Wildlife – 19% Non-human Unknown – 16%	123
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**f. Rock Run-** **Fecal Bacteria Results:**  
**BST Results:** (*Enterococcus* CFU/100mL)

RCM001	<b>Human – 0%</b> Avian – 41% Canine – 11% Deer – 8% Misc. Wildlife – 27% Non-human Unknown – 13%	60
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