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 semi-annual round of water quality monitoring was conducted on March 26, 2008. All of the sewer basins in the semi-annual program were sampled and one annual station was also sampled. However, due to field and operational problems, five of the six annual sampling stations were not sampled at that time. Results for forty-one sampling points are presented below. No human source fecal bacteria were identified in any samples.

A limited round of water quality samples from four stations in the Anacostia River watershed, were collected on July 9, 2008. The remaining five sewer basins in the annual program were also sampled, to complete the annual monitoring round for 2008. Results will be reported in the Third Quarter of 2008.

Basins Subject to Semi-Annual Monitoring and Reporting Requirements:

a. Broad Creek-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
BRC001 – downstream (Henson Creek)	Too few bacteria for BST source determination	<10 (<10)
BRC002 – upstream (Henson Creek)	Too few bacteria for BST source determination	<10

Note: Values in parentheses for station BRC001 are for field duplicate sample.

b. Cabin John-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
CBJ001 – downstream	Too few bacteria for BST source determination	<10
CBJ002 – upstream	Too few bacteria for BST source determination	<10

c. Horsepen-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
HSP001 – downstream	**Human – 0%** Avian – 35% Canine – 15% Deer – 6% Horse – 15% Misc. Wildlife – 17% Non-human Unknown – 12%	60
HSP002 – upstream	**Human – 0%** Avian – 31% Canine – 16% Deer – 7% Horse – 18% Misc. Wildlife – 19% Non-human Unknown – 9%	13

d. Indian Creek-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
INC001 – downstream	Too few bacteria for BST source determination	<10
INC002 – upstream	Too few bacteria for BST source determination	<10

e. Little Falls-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
LFS001 – downstream	**Human – 0% (0%)** Avian – 36% (33%) Canine – 9% (11%) Deer – 13% (16%) Misc. Wildlife – 21% (21%) Non-human Unknown – 21% (19%)	105 (120)
LFS002 – upstream	**Human – 0%** Avian – 34% Canine – 13% Deer – 6% Misc. Wildlife – 33% Non-human Unknown – 14%	78

Note: Values in parentheses for station LFS001 are for field duplicate sample.

f. Lower Anacostia-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
ANA001 – downstream	Too few bacteria for BST source determination	<10
ANA002 – upstream	Too few bacteria for BST source determination	<10

g. Lower Beaverdam Creek-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
LBD001 – downstream	**Human – 0%** Avian – 33% Canine – 7% Deer – 8% Misc. Wildlife – 38% Non-human Unknown – 14%	43
LBD002 – upstream	**Human – 0%** Avian – 26% Canine – 9% Deer – 5% Misc. Wildlife – 44% Non-human Unknown – 16%	15

h. Muddy Branch-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
MDB001 – downstream	Too few bacteria for BST source determination	<10 (<10)
MDB002 – upstream	Too few bacteria for BST source determination	<10

Note: Values in parentheses for station MDB001 are for field duplicate sample.

i. Northeast Branch-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
NEB001 – upstream	Too few bacteria for BST source determination	<10
NEB002 – downstream	Too few bacteria for BST source determination	<10

j. Northwest Branch-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
NWA001 – downstream	**Human – 0%** Avian – 31% Canine – 17% Deer –11% Misc. Wildlife – 28% Non-human Unknown – 13%	13
NWA002 – upstream	**Human – 0%** Avian – 33% Canine – 6% Deer – 23% Misc. Wildlife – 32% Non-human Unknown – 6%	270

k. Oxon Run-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
OXN001 – downstream	Too few bacteria for BST source determination	<10
OXN002 – upstream (Watts Branch)	**Human – 0%** Avian – 25% Canine – 9% Deer – 10% Misc. Wildlife – 44% Non-human Unknown – 12%	13

l. Paint Branch-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
PNT001 – downstream	Too few bacteria for BST source determination	<10
PNT002 – upstream	Too few bacteria for BST source determination	<10

m. Parkway-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
PKY001 – downstream (Bear Branch)	**Human – 0%** Avian – 27% Canine – 15% Deer – 11% Misc. Wildlife – 36% Non-human Unknown – 11%	48
PKY002 – upstream (Walker Branch)	Too few bacteria for BST source determination	<10

n. Piscataway-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
PSW001 – downstream	Too few bacteria for BST source determination	<10
PSW002 – upstream	Too few bacteria for BST source determination	<10

o. Rock Creek-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
RKC001 – downstream	**Human – 0%** Avian – 37% Canine – 16% Deer – 9% Misc. Wildlife – 25% Non-human Unknown – 13%	35
RKC002 – upstream	**Human – 0%** Avian – 34% Canine – 10% Deer – 21% Misc. Wildlife – 19% Non-human Unknown – 16%	48

p. Seneca Creek-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
SNC001 – downstream	Too few bacteria for BST source determination	<10
SNC002 – upstream	Too few bacteria for BST source determination	<10

q. Sligo Creek-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
SLC001 – downstream	**Human – 0%** Avian – 26% Canine – 19% Deer – 8% Misc. Wildlife – 29% Non-human Unknown – 18%	90
SLC002 – upstream	Too few bacteria for BST source determination	<10

r. Upper Beaverdam Creek-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
UBD001 – downstream	Too few bacteria for BST source determination	<10
UBD002 – upstream	Too few bacteria for BST source determination	<10

s. Watts Branch-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
WTB001 – downstream	Too few bacteria for BST source determination	<10
WTB002 – upstream	Too few bacteria for BST source determination	<10

t. Western Branch-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
WNB001 – downstream	Too few bacteria for BST source determination	<10 (<10)
WNB002 – upstream	**Human – 0%** Avian – 31% Canine – 9% Deer – 15% Misc. Wildlife – 32% Non-human Unknown – 13%	70

Note: Values in parentheses for station WNB001 are for field duplicate sample.

Basins Subject to Annual Monitoring and Reporting Requirements-

a. Dulles Interceptor- Results from samples collected on July 9, 2008 will be reported in the Third Quarter Report for 2008.

b. Mattawoman- Results from samples collected on July 9, 2008 will be reported in the Third Quarter Report for 2008.

c. Monacacy-

	BST Results:	**Fecal Bacteria Results:** (*Enterococcus* CFU/100ml)
MCY001	Too few bacteria for BST source determination	<10

d. Patuxent Center- Results from samples collected on July 9, 2008 will be reported in the Third Quarter Report for 2008.

e. Patuxent North- Results from samples collected on July 9, 2008 will be reported in the Third Quarter Report for 2008.

f. Rock Run- Results from samples collected on July 9, 2008 will be reported in the Third Quarter Report for 2008.