



# O.P.C.E.S. Data Record Sheet – Lab Work

Group: \_\_\_\_\_ School: \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_ to \_\_\_\_\_

Water System: Otter Point Creek / Bush River Site Location/Address: 700 Otter Point Road, Abingdon, MD 21009 – HA Co.

## Dissolved Oxygen (DO)

Water Temperature (in Celsius)	Dissolved Oxygen (in mg/L)	Percent Saturation (derived from chart)	NOTES

## Biochemical Oxygen Demand (BOD)

Sample	Level (in mg/L)	NOTES
DO from Today's Sample		
DO from 5-day-old Sample		
<b>BOD</b> (difference between "Today's Sample" and "5-day-old Sample") :		

## Total Suspended Solids (TSS)

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	NOTES
Volume of Water Evaporated (in mL)	Empty Beaker Mass (in mg)	Beaker & Residue Mass (in mg)	Residue Mass (in mg)	Total Solids (in mg/L)	
Standard (below)	Use lab balance. Convert: 1gram= 1000mg	Use Lab balance. Convert: 1gram= 1000mg	<b>D = C - B</b>	<b>E = D x 10</b>	
100mL					

## Fecal Coliform (FC)

Present or Absent From Sample (requires at least 36 hour incubation)	Site 1 No. Colonies / 100 mL	Site 2 No. Colonies / 100 mL	NOTES
	130	930	
<b>No. of Colonies / mL Mean</b> (add Site 1 and Site 2 together then divide by 2) :			