# O.P.C.E.S. Data Record Sheet – Field Collection

Group: ____________  
School: _________________________  
Date: _______________  
Time: ___________ to ___________

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

GPS Coordinates: ____________  
Water Conditions: ______________________________________________________________

Weather: _________________________________________________________________  
Air Temp.: _______  
Wind Speed: _______

Dissolved Oxygen (YSI reading)______________________  
Salinity (YSI reading)________________________________________

## Acidity (pH)

<table>
<thead>
<tr>
<th>Sample</th>
<th>pH Reading</th>
<th>NOTES</th>
<th>YSI Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

**Acidity Mean** (add all the recorded pH readings together then, divide by total number of samples):

## Nitrate / Phosphate Levels

<table>
<thead>
<tr>
<th>Test</th>
<th>Concentration (mg/L)</th>
<th>NOTES</th>
<th>YSI Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nitrate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phosphate</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

## Temperature Change

<table>
<thead>
<tr>
<th>Site</th>
<th>GPS Coordinates</th>
<th>Temperature (in Celsius)</th>
<th>NOTES</th>
<th>YSI Reading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Site 1</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Site 2</td>
<td>marina</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Temperature Change** (difference between the two recorded temperatures):

## Turbidity

<table>
<thead>
<tr>
<th>Sample</th>
<th>Reading (in meters)</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Turbidity Mean** (add all the recorded readings together then, divide by total number of samples):