**Water Action Volunteers Stream Monitoring Data Recording Form - Version 2015.1.2**

**Station Info**
- WAV Station Number*: ____________
- WAV Station Name*:
- Team Member Name(s)*:

*Denotes required field

**Weather**
- **Weather:** Sunny Partly Sunny Cloudy Rain Thunderstorm Snow
- **Current Stream Condition:** (circle one) Normal Flooding Dry Stagnant Frozen Other

**Observations:**
- **Sampling Date:** Primary Safety Other
- **Weather over past two days:**

**Parameters Tested**

<table>
<thead>
<tr>
<th>Parameters Tested</th>
<th>Your Results</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Temperature</td>
<td></td>
<td>°C</td>
</tr>
<tr>
<td>Water Temperature</td>
<td></td>
<td>°C</td>
</tr>
<tr>
<td>Dissolved Oxygen (D.O.)</td>
<td></td>
<td>mg/L</td>
</tr>
<tr>
<td>No. of Titration Drops:</td>
<td></td>
<td>%</td>
</tr>
<tr>
<td>No. of Plastic Measuring Tubes:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dissolved Oxygen Content:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Transparency</td>
<td></td>
<td>cm</td>
</tr>
<tr>
<td>Specific Conductance</td>
<td>ECTestr reading:</td>
<td>ms/cm or µS/cm (circle units displayed)</td>
</tr>
<tr>
<td>Chloride Sample</td>
<td>Collected?</td>
<td>Y____ N____</td>
</tr>
<tr>
<td>Total Phosphorus Sample</td>
<td>Collected?</td>
<td>Y____ N____</td>
</tr>
</tbody>
</table>

**Streamflow Monitoring**

- **Streamflow was monitored this sampling event (select one):**
  - Yes____ No____
  - If No, why not? ___________________

**Depth Conversion Chart**

<table>
<thead>
<tr>
<th>Point</th>
<th>Depth 10’’ Feet</th>
<th>Depth 10’’ Feet</th>
<th>Depth Conversion Chart</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Ft/In</td>
</tr>
<tr>
<td>1</td>
<td>0</td>
<td>11</td>
<td>3/8-7/8</td>
</tr>
<tr>
<td>2</td>
<td>12</td>
<td>1</td>
<td>1½-1½</td>
</tr>
<tr>
<td>3</td>
<td>13</td>
<td>1½</td>
<td>1½-3/8-3/8</td>
</tr>
<tr>
<td>4</td>
<td>14</td>
<td>2½-2½</td>
<td>2½-2½</td>
</tr>
<tr>
<td>5</td>
<td>15</td>
<td>2½-3/4</td>
<td>2½-3/4</td>
</tr>
<tr>
<td>6</td>
<td>16</td>
<td>3½-3½</td>
<td>3½-3½</td>
</tr>
<tr>
<td>7</td>
<td>17</td>
<td>4½-4½</td>
<td>4½-4½</td>
</tr>
<tr>
<td>8</td>
<td>18</td>
<td>4½-5½</td>
<td>4½-5½</td>
</tr>
<tr>
<td>9</td>
<td>19</td>
<td>5½-5½</td>
<td>5½-5½</td>
</tr>
<tr>
<td>10</td>
<td>20</td>
<td>6½-6½</td>
<td>6½-6½</td>
</tr>
</tbody>
</table>

**Velocity Float Trials**

<table>
<thead>
<tr>
<th>Trial Number</th>
<th>Time (Seconds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

**Velocity Correction Factor**

- Circle the bottom type
  - Rough: 0.8
  - Smooth: 0.9

**Monitoring Equipment Calibration**

- **DO Meter:** Yes____ No____
- **pH Meter:** Yes____ No____
- **ECTestr:** Yes____ No____

**Data entered into SWIMS?** __________/________/20_____

**Expected Ranges for Parameters**

- **H2O Temperature:** 0-32°
- **Dissolved Oxygen:** 4-18 mg/L
- **D.O % Saturation:** 30-150%
- **pH:** 6.0-9.0
- **Transparency Tube:** ≤120 cm
Biotic Index (monitored in May and late September/early October)

**You may use the Key to Macroinvertebrate Life in the River to help you identify macroinvertebrates.

Group 1: These are sensitive to pollutants. Circle each animal found.

- Stonefly Larva
- Dobsonfly Larva
- Alderfly Larva
- Water Snipe Fly Larva
- Water Penny
- Dragonfly
- Mayfly Larva
- Damsel Fly Larva
- Damselfly (side view)
- Caddisfly Larva
- Freshwater Mussel or Fingernail clam
- Black Fly Larva
- Non-Red Midge Larva
- Bloodworm Midge Larva (red)
- Leech
- Pouch Snail (left side opening)

No. of group 1 animals circled:

No. of group 2 animals circled:

No. of group 3 animals circled:

No. of group 4 animals circled:

Relative Size Key:
- = larger than picture
- = smaller than picture

Key Aquatic Invasive Species (AIS)
Circle AIS shown below if you think you found any:

- Rusty Crayfish
- Asian Clams
- New Zealand Mudsnails

If suspect AIS found, complete AIS data sheet and collect a voucher or contact the WAV or your local coordinator for more information!

Thermistor

Serial #: ____________________________ Type: □ HOBO (long grey) □ TIDBIT (yellow) □ TIDBIT V2 (orange)

Activity Performed (circle one):
- Deployment
- Retrieval
- Monthly Check

Deployment/Retrieval Time: ______ AM or PM

Monthly Check - thermistor submerged? Yes____ No____

Describe location of thermistor if you deployed it today, or action(s) taken if thermistor was not submerged:

Download and print data sheets from watermonitoring.uwex.edu/wav/monitoring/sheets.html. For more information, call (608) 265-3887 or (608) 266-3599.
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