

**Blackstone River Coalition  
Watershed-wide Volunteer Water Quality Monitoring Program**

**PHYSICAL AND CHEMICAL SURVEY**

LAB #

**Site Information**

1. **Waterbody Name:** \_\_\_\_\_ **Site Name:** \_\_\_\_\_

2. **Sampling Location Details (if applicable):** \_\_\_\_\_

3. **Volunteer Names:** \_\_\_\_\_

Circle one: Regular monitor for this site      Familiar with this site      First time at this site

4. **Date:** \_\_\_\_\_

5. **Start Time:** \_\_\_\_\_ **End Time** \_\_\_\_\_

**Physical Information**

**1. Weather in the past 48 hours (select wettest):**

- Storm (heavy rain)
- Rain (steady rain)
- Showers (intermittent rain)
- Overcast
- Clear/Sunny
- Other \_\_\_\_\_

**2. Current Weather**

- Storm (heavy rain)
- Rain (steady rain)
- Showers (intermittent rain)
- Overcast
- Clear/Sunny
- Other \_\_\_\_\_

**3. Air Temperature**

Initial \_\_\_\_\_C

**4. Water Temperature**

Initial \_\_\_\_\_C

Ending \_\_\_\_\_C

**5. Water Appearance**

- Clear
- Milky
- Foamy
- Oily Sheen
- Dark Brown
- Greenish
- Orange
- Tea Color
- Other \_\_\_\_\_

**6. Presence of Trash**

- None
- Light
- Medium
- Heavy

Please describe i.e. litter, rubbish \_\_\_\_\_

**7. Erosion**

- Undercut bank
- Slumping
- Erosional gullies in bank
- Bridge or building undermining
- No erosion

Please note any changes from last month \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**8. Water Odor**

- None
- Sewage
- Fishy
- Chlorine
- Rotten Eggs
- Other \_\_\_\_\_

**9. Nuisance Aquatic Vegetation**

- None
- Light
- Medium
- Heavy

Comments \_\_\_\_\_

**10. Water Clarity**

- Clear
- Slight
- Medium
- Heavy

**11. Lab Turbidity**

\_\_\_\_\_ NTU

Did you double check this datasheet in the field? \_\_\_\_\_

Did you have another volunteer check your work? \_\_\_\_\_

**Blackstone River Coalition  
Volunteer Water Quality Monitoring Program**

Site: \_\_\_\_\_  
Date: \_\_\_\_\_

**Depth Measurements**

1. If your site has a stream gage, enter the reading here: \_\_\_\_\_ ft.
2. Any observations/changes to the stream gage?: \_\_\_\_\_  
\_\_\_\_\_
3. If your site does not have a stream gage, please record the water depth: \_\_\_\_\_ inches.

**Chemical Information**

- |  |   |
|--|---|
| <p>1. <b>DO</b></p> <p>_____ mg/L</p> <p>_____ mg/L</p> <p>New monitors replicate first 2 months</p> <p>_____ mg/L</p> <p>Low DO test result when original result &lt;3mg/L</p><br><p>2. <b>Oxygen Saturation</b></p> <p>_____ %</p> | <p>3. <b>Nitrates</b></p> <p>_____ mg/L</p><br><p>4. <b>Orthophosphates</b></p> <p>_____ mg/L</p> <p>_____ mg/L</p> <p>Replicate when original result &gt;0.3 mg/L</p><br><p>5. <b>Conductivity</b></p> <p>_____ <math>\mu</math>S/cm</p> |
|--|---|

**6. COMMENTS**

Field Monitor: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Field Coordinator: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Program Coordinator: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Photos**

Did you take site photos? Y / N  
If Yes, general or specific feature? (explain) \_\_\_\_\_  
If Yes, please submit to Field Coordinator.

Did you double check this datasheet in the field? \_\_\_\_\_ ENTERED IN DATABASE \_\_\_\_\_  
Did you have another volunteer check your work? \_\_\_\_\_ QC'D IN DATABASE \_\_\_\_\_