Chemical Monitoring Data Form for Stream Monitors

Name of Stream: __________________________ Name of monitoring site: __________________________

Group/Organization: __________________________ Number of participants: __________

City/State: __________________________ Latitude: __________________________ Longitude: __________________________

Survey Date: __________________________ Start time: __________________________ End time: __________________________

Description of site location: __________________________

WEATHER CONDITIONS (check all that apply)

Today: ☐ Sunny ☐ Overcast ☐ Intermittent Rain ☐ Steady Rain ☐ Heavy Rain ☐ Snow

Yesterday: ☐ Sunny ☐ Overcast ☐ Intermittent Rain ☐ Steady Rain ☐ Heavy Rain ☐ Snow

Day Before Yesterday: ☐ Sunny ☐ Overcast ☐ Intermittent Rain ☐ Steady Rain ☐ Heavy Rain ☐ Snow

COLLECTED DATA

Dissolved Oxygen: __________ mg/L __________ % saturation (See page 2 of this form to calculate % saturation)

pH: __________________________ pH units

Chloride: ________ Quantab Units ________ mg/L (Convert Quantab Units to mg/L using the chart provided on the bottle)

Phosphate: __________ mg/L

Nitrate-N: __________ mg/L

Transparency (record whole numbers only): ____________ centimeters

Water temperature: __________ °C

Other Stream Assessment Observations and Notes: __________________________

________________________________________________________

________________________________________________________

________________________________________________________

________________________________________________________

Share your stream monitoring data at www.cleanwaterhub.org.
FINDING THE PERCENT SATURATION OF DISSOLVED OXYGEN

To read this chart, use a straight edge. Place the straight edge on the mg/L of oxygen you have determined for your site, then place the other end of the straight edge on the water temperature you have measured. The point where the straight line passes through the line labeled “% Saturation” is your percent saturation.


<table>
<thead>
<tr>
<th>WATER QUALITY SUMMATION for Chemical Tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excellent</td>
</tr>
<tr>
<td>Dissolved Oxygen (% saturation)</td>
</tr>
<tr>
<td>pH (units)</td>
</tr>
<tr>
<td>Chloride (Cl) (mg/L)</td>
</tr>
<tr>
<td>Reactive Phosphate (PO₄X³⁻) (mg/L)</td>
</tr>
<tr>
<td>Nitrate (NO₃) (mg/L)</td>
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<tr>
<td>Transparency (cm)</td>
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