

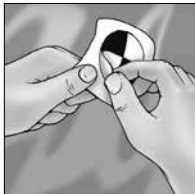


## ABBREVIATED INSTRUCTIONS

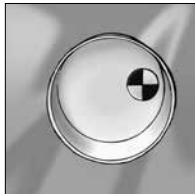
## BEFORE MONITORING

Before monitoring day:

- **Assemble monitoring equipment.**
  - Unpack your kit and inventory the contents.
  - Adhere two thermometer strips on the outside bottom half of the white sample jar.
  - Adhere Secchi disk sticker.



1. Remove the backing from the Secchi disk sticker.



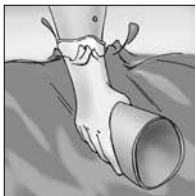
2. Adhere sticker on the inside bottom of the white jar. Position the sticker slightly off center.

- Print kit instructions and datasheets if needed. Printable versions available for download from [www.monitorwater.org/tools](http://www.monitorwater.org/tools).
- **Create a user account.** Visit the international database at [www.monitorwater.org](http://www.monitorwater.org), click “Add Results” and enter your name, username, email address, and password.
- **Adding a monitoring site.** If you are monitoring at a new location you will need to add your site to the database in order to add your monitoring data. Log into the international database and use the geolocation feature on your device or the search box to find your location. Then click “Add Site.”

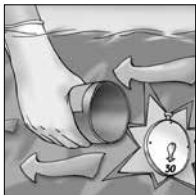
## COLLECTION PROCEDURE



**1.** Remove the cap and rinse the white sample jar 2-3 times with sample water.



**2.** Hold the jar near the bottom and plunge it (opening downward) below the water surface.



**3.** Allow the water to flow into the jar for 30 seconds.



**4.** Cap the full jar while it is still submerged. Then proceed to the temperature procedure.

## TEMPERATURE PROCEDURE



**1.** Place the thermometer ten centimeters below the water surface for one minute.



**2.** Remove the thermometer from the water and read the temperature (the number with the green background on the high-range thermometer). Record the number in degrees Celsius.

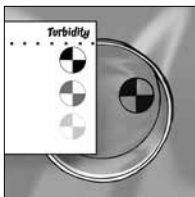
### Equipment Needed:

- 2 adhesive thermometer strips (Part Code: 31821 and 31822)
- white sample jar
- timer or watch

## TURBIDITY PROCEDURE



**1.** Pour out water sample until the white sample jar is filled to the fill line located on the label.



**2.** Hold the color comparison chart on the top edge of the sample jar. Looking down into the jar, compare the appearance of the Secchi disk sticker in the sample jar to the chart. Record the result as turbidity in JTU.

### Equipment Needed:

- Secchi disk sticker  
(Part Code: 5886-STICKER )
- white sample jar
- color comparison chart  
(Part Code: 8132-CC)

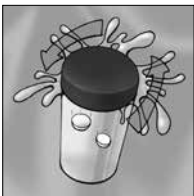
## DISSOLVED OXYGEN PROCEDURE



**1.** Submerge the small glass vial into the water sample. Carefully remove the vial from the water sample, keeping the vial full to the top.



**2.** Drop two Dissolved Oxygen TesTabs® into the vial. Water will overflow when the tablets are added.



**3.** Screw the cap on the vial. More water will overflow as the cap is tightened. Make sure no bubbles are present in the sample.

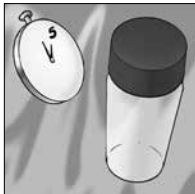
### Equipment needed:

- small glass vial (Part Code: 0125)
- white sample jar
- 2 dissolved oxygen TesTabs® (Part Code: 3976A)
- color comparison chart (Part Code: 8132-CC)
- timer or watch

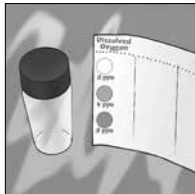
## DISSOLVED OXYGEN PROCEDURE (CONT.)



**4.** Mix by inverting the vial over and over until the tablets have dissolved. This will take about four minutes.



**5.** Wait five more minutes for the color to develop.



**6.** Compare the color of the sample to the color comparison chart. Record the result as ppm dissolved oxygen.

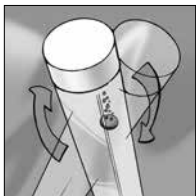
## pH PROCEDURE



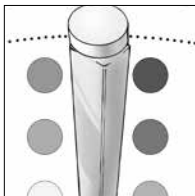
1. Fill the plastic test tube to the 10 mL line with the water sample.



2. Add one pH Wide Range TesTab®



3. Cap and mix by inverting until the tablet has completely dissolved. Bits of material may remain in the sample.



4. Compare the color of the sample to the color comparison chart. Record the result as pH.

### Equipment needed:

- plastic test tube (Part Code: 0106)
- white sample jar
- 1 pH TesTab® (Part Code: 6459A)
- color comparison chart (Part Code: 8132-CC)