



## SCAVENGER HUNT "AQUATIC STUDIES"

### TEAM MEMBERS:

You should have established canoe partners. Keep safety in mind and ***keep your life preserver on at all times*** while in canoes. ***Please do not disturb any plants/animals/nests*** while doing this activity. Calculate your total score after verifying items with your instructor. **Return/release the materials to where you collected them.**

### Canoe Segment Materials:

- Canoe, paddle, properly fitted preserver, map of area, critical habitat resource, camera
- Small plastic rake and plastic bag for each canoe pair
- Oxygen/temperature meter located with instructor to share
- pH paper/CHEMettes

**Canoe to area selected by instructor and record the data to earn points:**

**CRITICAL HABITAT:** BOUY # \_\_\_\_\_

WHAT IS THE CRITICAL HABITAT DESIGNATION? \_\_\_\_\_

\_\_\_\_\_ (5 pts.)\_\_\_\_\_

### WATER QUALITY:

Canoe to WQ pontoon station. Stay close to your canoe partner to maintain stability and use the instruments provided to collect the following data (have instructor verify your findings):

Surface water temperature: \_\_\_\_\_ (5 pts.)\_\_\_\_\_

Surface dissolved oxygen : \_\_\_\_\_ (5 pts.)\_\_\_\_\_

Surface pH: \_\_\_\_\_ (5 pts.)\_\_\_\_\_

pH color code



**TOTAL CRITICAL HABITAT AND WATER QUALITY POINTS** (20 pts.)\_\_\_\_\_

**AQUATIC PLANT COLLECTION/IDENTIFICATION:**

With rake carefully collect and identify aquatic plant/s. Bag the plants, bring to shore and have them verified by your instructor. Five points for each different plant you identify.

Sample 1 \_\_\_\_\_ (5 pts.) \_\_\_\_\_

Sample 2 \_\_\_\_\_ (5 pts.) \_\_\_\_\_

Sample 3 \_\_\_\_\_ (5 pts.) \_\_\_\_\_

Sample 4 \_\_\_\_\_ (5 pts.) \_\_\_\_\_

Sample 5 \_\_\_\_\_ (5 pts.) \_\_\_\_\_

Other plants can be identified on the *Field Notes* page for extra credit!

***TOTAL AQUATIC PLANT POINTS*** (25 pts.) \_\_\_\_\_