

# NORTHERN TIER LAKE QUALITY MONITORING PROGRAM



*In cooperation with the Minnesota Pollution Control Agency*

**Purpose:** To provide the MPCA with water transparency data for selected lakes in the Boundary Waters Canoe Area Wilderness. This provides an assessment of the amount of suspended material in the water (which is often algae). Long term monitoring provides scientists with valuable data to detect trends in water quality.

**Method:** A white disk (Secchi Disk) and a calibrated line are lowered into the lake and the depth at which it is barely visible is noted. The lake name, location on the lake, and depth at which the disk can be seen is recorded on a card. The cards from at least 5 locations are then turned into the Bay Post to be sent to the MPCA.

**Requirements:** At least 5 cards must be turned in for each crew to qualify to purchase the Lake Monitoring Program Patch shown above.

CREW # \_\_\_\_\_ UNIT # \_\_\_\_\_

LAKES (LOCATIONS) MONITORED:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

Additional lakes (locations) monitored if any:

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

Have the Bay Post staff sign this form, and take it to the Trading Post to purchase your patches.

BAY POST SIGNATURE \_\_\_\_\_