

SCORE THE SHORE

Data Form

Lake Name: _____ County: _____

Township: _____ Lake Sampling Site (Field ID) Number: _____

Volunteer Monitor Name(s): _____

Date(s) of Survey : _____

Lake Level during survey was: _____ Average/Normal _____ Low _____ High

Does the lake have a legal lake level? _____ Yes _____ No

If yes, indicate level gage reading at time of survey, if possible: _____

Did the lake level impact survey results? If so, how?

Total number of 1000' sections surveyed: _____

(If the final section was substantially shorter than 1000', note its approximate length here: _____)

Were photographs taken as part of this survey? _____ Yes _____ No

<u>Development Density</u>		<u>Overall Shore Score</u>	
A. Total no. of all buildings & docks		A. Add all of the overall section scores:	
B. Total no. of sections:		B. Total no. of sections:	
Divide A by B for the avg. number of structures per 1000 feet		Divide A by B for the Shore Score for your lake: <i>(It is a 0-100 scale)</i>	

Other comments pertinent to the results of the assessment (plant treatments, restoration projects, deviations from standard procedures, weather)

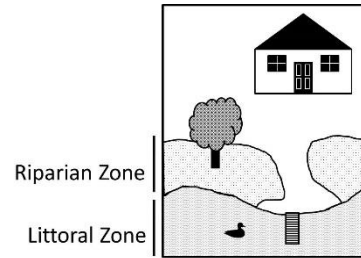
Section #: _____ Lake/County: _____ Date: _____

GPS/Landmark at Start of Section: _____

PASS 1 (Boat is 100 yards from shore):

Number of: Homes/Major Buildings: _____

Docks/Boatlifts: _____



PASS 2 (Boat is 20-30 yards from shore):

Littoral (Aquatic) Zone Characteristics and Shoreline Erosion: **Littoral Zone Raw Score:**

% Emergent/Floating Vegetation ___ None (0) ___ <10% (1) ___ 10-25% (2) ___ 25-75% (3) ___ >75% (4)

% Submerged Vegetation ___ None (0) ___ <10% (1) ___ 10-25% (2) ___ 25-75% (3) ___ >75% (4)
_____ Unable to see

Is aquatic plant management evident/known? ___ No (0) ___ Minor (at docks, swim areas; -1) ___ Major (-2)

Amount of Downed Trees/Woody Debris: ___ None (0) ___ Few: 1-5 (1) ___ Several: 6-15 (2) ___ Many: 16+ (3)

Erosion along shoreline (check one): ___ None observed (0) ___ Minor (-1) ___ Moderate (-2) ___ Severe (-3)

PASS 3 (Boat back out to 100 yards from shore):

Riparian (Land Near Shore) Zone Characteristics: **Riparian Zone Raw Score:**

% Maintained Lawn, Maintained/Artificial Beach, or Impervious (% of total section length):
_____ None (0) _____ <10% (-1) _____ 10-25% (-2) _____ 25-75% (-3) _____ >75% (-4)

% Unmowed Vegetation Belt (any vegetation other than lawn; % of total section length):
_____ None (0) _____ <10% (1) _____ 10-25% (2) _____ 25-75% (3) _____ >75% (4)

Average Unmowed Vegetation Belt Depth:
_____ None (0) _____ < 10 ft. (1) _____ 10-40 ft. (2) _____ > 40 ft. (3)

Shoreline Erosion Control Practices: **Erosion Control Raw Score:**

Vertical Artificial: _____ None (0) _____ <10% (-1) _____ 10-25% (-2) _____ 25-75% (-3) _____ >75% (-4)
Types of Vertical Structure (check all that apply) _____ Seawall _____ Boulders /Rock Walls
_____ Other - describe:

Sloped Artificial: _____ None (0) _____ <10% (-1) _____ 10-25% (-2) _____ 25-75% (-3) _____ >75% (-4)
Types of Sloped Artificial (check all that apply) _____ Concrete _____ Rock/Riprap
_____ Other - describe:

Bioengineering (e.g. coir logs, branch bundles):
_____ None (0) _____ <10% (-0.5) _____ 10-25% (-1) _____ 25-75%(-1.5) _____ >75% (-2)

GPS/Landmark at End of Section: _____

Go to back for Final Scoring and Comments

Final Scoring

These equations transform your raw scores into a 0-100 scale. You should round to the nearest whole number. Remember to multiply before you add.

Littoral Zone Raw Score (from other side): _____ x 6.2 + 31.3 = **Littoral Zone Final Score**
If "Unable to see" submerged vegetation use this: x 8.3 + 41.5 =

Riparian Zone Raw Score (from other side): _____ x 9.1 + 36.4 = **Riparian Zone Final Score**

Erosion Control Raw Score (from other side): _____ x 11.1 + 100 = **Erosion Control Final Score**

Add the Scores Above =

Divide the Score Above by 3 = **OVERALL SECTION SCORE**

Comments or Concerns for this Section:

Reporting Your Results

Hold onto your datasheet. It is our intention to get these uploaded into the new MiCorps database in 2021.