

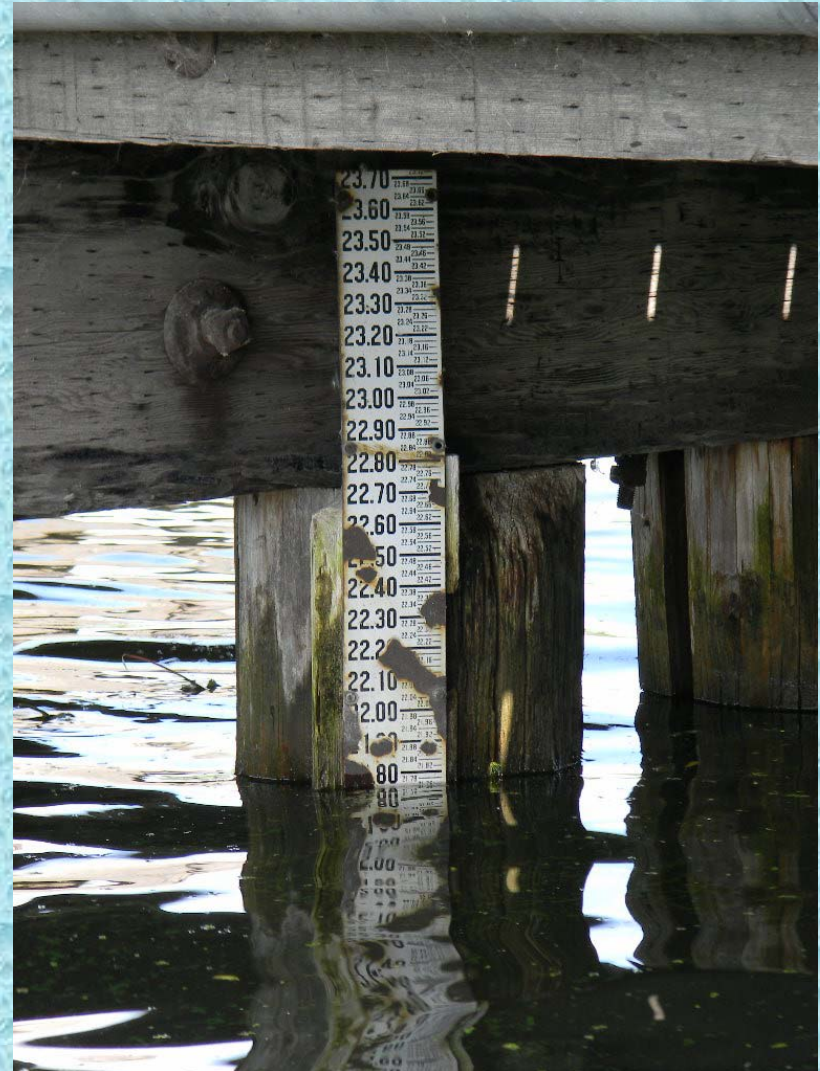
# Shoreline Alteration: Do's and Don'ts



Panoramio.com

# Ordinary High Water Mark (OHWM)

- Elevation set by DENR Water Rights Board in Pierre
- Pickerel OHWM is set at 1845.6 ft.
- Outlet is set at known elevation at 1844.9 ft.
- lake level was at 1845.8 ft. as of 5/17



# Day County Zoning Setback

- 40' setback from the Ordinary High Water Mark
  - new ordinance as of last year
  - no new structures
- 2011 Poinsett Flood- Hamlin County 50' Setback
  - no decks, fences, stairs, landings allowed without permit
  - nothing allowed to be rebuilt within 50' of OHWM



# Meandered Lakes are Public Property

“**SDCL 43-17-1** Ownership of land below the water of a navigable lake or stream is regulated by the laws of the state.”

“**SDCL 43-17-2** Navigable rivers and lakes are public highways within 50 feet landward from the water’s nearest edge, provided that the outer boundary of such public highway may not expand beyond the ordinary high water mark and may not contract within the ordinary low water mark”

# Rule No. 41:04:03:05

“No person may modify shore or bottom lands below the ordinary high-water mark of meandered waters or other waters to which the state has acquired a right, title, or interest without permission of the commission or its designated agent.”



# Why Protect Shorelines?

- Prevent erosion
- Protect fish habitat
- Improve water quality
- Retain your property



Eric Engbretson

# Harmful Shoreline Practices

- Sand beaches
- Swimming pools
- Vegetation removal
- Mowing to shoreline edge



[longislandpress.com](http://longislandpress.com)



# Healthy Shoreline Practices

- Riprap
- Native Vegetation







APR 29 2011

# Native Vegetation - Before



# After Planting 2010



June 2011



July 2011 - 998 Sunset Dr.







# Fish Stocking and Surveys

- 17,442 large walleye fingerlings stocked
- Large Black Crappie Size; 10 – 12 in.
- Large Bluegill Size; 3 - 10 in.
- Walleye abundance up
- 28% of walleye were  $> 15$  in.



# Aquatic Nuisance Species (ANS) News



## 8.4 in. over outlet = OHWM

- If over OHWM:

[Water depth over outlet + outlet elevation] – OHWM = water depth to measure out into lake

- If under OHWM:

OHWM - [Water depth over outlet + outlet elevation] = vertical measurement above water on land to OHWM

- Remember to measure from bottom of the outlet “sill”

# Shoreline Alteration Application

- <http://gfp.sd.gov/licenses/other-permits/default.aspx>