WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Shallow Marsh Date: 11-4-02 Water Elevation: 775.42 msl
- Photo of plot from the lake side of the plot. Quad A on the left and Quad D on the right. Changes in vegetation include a loss of emergent vegetation along the shoreline and substantial loss of river bulrush in Quad A that has revegetated with flat sedge. Waters edges about 150 feet from OHWM (stakes).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Shallow Marsh Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of plot from the lake side of the plot. Quad A on the left and Quad D on the right. Exposed mudflat for 100 feet from plot. Arrows indicate sago and coontail on exposed lake bed.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Shallow Marsh Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of Quad A showing changes in vegetation including a loss of emergent vegetation (river bulrush) along the shoreline and revegetation with chufa sedge.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Shallow Marsh Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of Quad B. Changes in vegetation include undergrowth of previously undocumented young stinging nettle (Urtica dioica).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Shallow Marsh Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of shoreline east of plot showing stubble of former emergent vegetation on exposed lake bed.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Shallow Marsh Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of shoreline along plot showing extent of erosion during 2002.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Haights Bay Shallow Marsh Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo taken from plot area shoreline looking south to water edge. Approximately 150 feet from normal shoreline to waters edge. Desiccated vegetation included sago (Potamogeton pectinatus) and coontail (Ceratophyllum demersum).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Haights Bay Shallow Marsh Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo taken from shoreline east of and looking west towards Quad A. Stake is at the location of the normal shoreline/shallow marsh edge. Vegetation consisted of previously identified river bulrush (Scirpus fluviatilis), giant reed grass (Phragmites australis), and water smartweed (Polygonum amphibium). In addition to the previously identified species at this location, stinging nettle (Urtica dioica) was observed in plot and surrounding area.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Haights Bay Shallow Marsh Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo taken in Quad A. Vegetation consisted of previously identified river bulrush (Scirpus fluviatilis), giant reed grass (Phragmites australis), and water smartweed (Polygonum amphibium). In addition to the previously identified species at this location, stinging nettle (Urtica dioica) and coast grass (Echinochloa walteri) were observed in plot.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Haights Bay Shallow Marsh Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo taken from shoreline west of Quad A looking west towards Quad D. Stake is at the location of the normal shoreline/shallow marsh edge. Vegetation consisted of previously identified river bulrush (Scirpus fluviatilis), giant reed grass (Phragmites australis), and water smartweed (Polygonum amphibium).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Haights Bay Shallow Marsh Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo taken of Quad B from corner of Quad D. Vegetation consisted of previously identified river bulrush (Scirpus fluviatilis), giant reed grass (Phragmites australis), and water smartweed (Polygonum amphibium). In addition to the previously identified species at this location, stinging nettle (Urtica dioica) was observed in plot and surrounding area.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Haights Bay Shallow Marsh Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo taken of Quad C. Vegetation consisted of previously identified river bulrush (Scirpus fluviatilis), giant reed grass (Phragmites australis), and water smartweed (Polygonum amphibium). In addition to the previously identified species at this location, stinging nettle (Urtica dioica) was observed in plot and surrounding area. The green plants in the photo are of stinging nettle.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Haights Bay Shallow Marsh Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo taken from shoreline east of Quad D looking west towards Quad A. Stake is at the location of the normal shoreline/shallow marsh edge. In addition to the previously identified species at this location, stinging nettle (Urtica dioica) was observed in plot and surrounding area. Stinging nettle has a FAC+ wetland indicator status compared to the other obligate (OBL) species observed in this shallow marsh setting indicating that the hydrology of this wetland has been lowered for a significant period of time during 2002. The stinging nettle plants were relatively young based on height of less than 2 feet. This may indicate that the normally inundated condition at this location has been altered thereby creating a condition that is drier and more conducive to wet meadow plants.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Gilberts Bay Forest Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of Quad A and D from the lake side of the plot. Quad A on the left and Quad D on the right. No noticeable changes in vegetation density or condition. Waters edges about 300 feet from OHWM (stakes). Along normal shoreline (foreground) a significant deposit of organic material consisting of mainly duckweed (Lemna minor) and sago (Potamogeton pectinatus) with other organic components such as leaves mixed in. The organic deposit was approximately 10 – 15 feet in width and from 0 to 7 inches in thickness.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Gilberts Bay Forest Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of Quad A and D from the lake side of the plot. Quad A on the left and Quad D on the right. No noticeable changes in vegetation density or condition. Waters edges about 300 feet from OHWM (stakes). Along normal shoreline (foreground) a significant deposit of organic material consisting of mainly duckweed (Lemna minor) and sago (Potamogeton pectinatus) with other organic components such as leaves mixed in.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Gilberts Bay Forest Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of plot from the lake side of the plot. Quad A on the left and Quad D on the right. Waters edges about 300 feet from OHWM (stakes). The mudflat between the waters edge and the normal shoreline is covered with sago (Potamogeton pectinatus).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Gilberts Bay Forest Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of Quad A and D, Quad A in foreground and Quad D in background. No noticeable changes in vegetation density or condition. Waters edges about 300 feet from OHWM (stakes at right). Along normal shoreline a significant deposit of organic material consisting of mainly duckweed (Lemna minor) and sago (Potamogeton pectinatus). The organic deposit was approximately 10 – 15 feet in width and from 0 to 7 inches in thickness.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Gilberts Bay Forest Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of Quad B and C, Quad B in foreground and Quad C in background. No noticeable changes in vegetation density or condition.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Floodplain Forest Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of Quads A and D, Quad A on the left shoreline and Quad D on the right shoreline. No noticeable changes in vegetation density or condition with the exception of the obvious tree cutting. Waters edge about 10 feet from shoreline.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Floodplain Forest Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of Quads C and D, Quad D in foreground and Quad C in background. No noticeable changes in vegetation density or condition with the exception of the obvious tree cutting. Waters edge about 10 feet from shoreline..

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Floodplain Forest Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of Quad A. No noticeable changes in vegetation density or condition. Erosional loss evident along shoreline tree root systems (arrow).

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Floodplain Forest Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of Quads B and C, Quad C in foreground and Quad B in background. No noticeable changes in vegetation density or condition.

WDNR/RKLD COOPERATIVE LAKE STUDY
LAKE KOSHKONONG, WISCONSIN

- Location: Carcajou Floodplain Forest Date: 11-4-2002 Water Elevation: 775.42 msl
- Photo of Quads A and B, Quad B in foreground and Quad A in background. No noticeable changes in vegetation density or condition.