

## Summary of Purple Loosestrife 2012

### **Root collection/ Planting:**

Approximately 400 plants were collected and planted on 4/22/2012. They were distributed to Siren High School, Crex Meadows and St. Croix Tribe.

Approximately 3000 beetles were collected from a wetland adjacent to Poquettes Lake in Burnett County and used to propagate the three mass rearing cages from the above mentioned locations.

### **Releasing on the Yellow River:** See Map Below

- Matt and Brad (summer interns) released about 1500 beetles in various spots from Greenfield Rd in Washburn County to Highway 70 on the Yellow River on 8/7/2012.
- Matt and Brad released about 6000 beetles from Highway 70 to Rice Lake in Burnett County in various spots on the Yellow on 7/26 -7/27/2012.

### **St. Croix Tribe Beetle Stocking:**

July 3<sup>rd</sup>:

- We collected and released beetles at four different locations on Rice Lake, Burnett County.
- It was very difficult to estimate the numbers, but we would say that there was much more than the amount stocked in 2011. Estimate at around 20,000-25,000 beetles.
- We also estimated that we collected a little more than ½ of the beetles from the cage.

July 4<sup>th</sup>:

- Collected an estimated equal amount of bugs as the previous day. Numbers would be around 20,000.
- The bugs were released on the Yellow River, Washburn County, using the access on Green Valley Road. They were released on plants just upstream of the public access using kayaks.

July 5<sup>th</sup>:

- Collected an estimated 5,000 beetles which were released on the Yellow River, Washburn County. They were released immediately downstream on the Yellow River, off the access point on Tozer Lake Road.

July 10<sup>th</sup>:

- Collected the remaining beetles in the cage, which was very few, and put at the public access on Pokegama Lake, Burnett County.
- Estimated number of 500.

### **Cutting and Spraying (8/2, 8/3, 8/10, 8/21, 8/24, 8/27)**

Cut and sprayed a couple plants of purple loosestrife along Highway 70 next to asparagus farm.

Cut and sprayed along road and in swamps on County road X west of fire # 6310.

Cut and sprayed along wood line south of Highway 70 on County road X.

Cut and sprayed next to Hanscom lake boat landing along the shore line.

Cut and sprayed close to Washburn County on County road H in a pot hole on west side of road.

Cut and sprayed on Mudhen lake Rd in wetland next to road and cut but not sprayed in cow pasture on north side of road. Farmer was more concerned about spotted knap weed.

Cut and sprayed at the end of Peninsular road on North Sand Lake. Beetles were not establishing in this location.

Cut and sprayed a few plants on both sides of road at culvert on Crosby road off from EE.

Cut and sprayed both sides of Austin lake road in ditches and wetlands.

Cut and sprayed in ditches on Hideaway road. New for 2012.

Cut and sprayed at bridge on County road O at Canute Creek, west of Highway 87. New for 2012.

Cut and sprayed on Pine Lake on County road A on north side of lake.

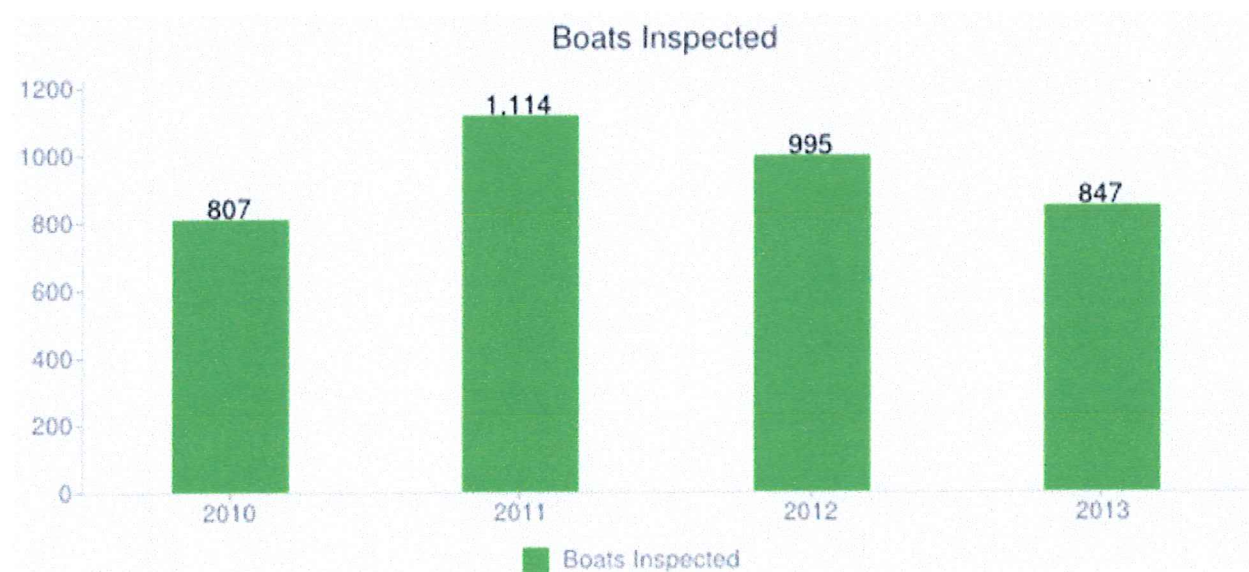
Cut and sprayed at intersection of County road A and Highway 35 in ditches of both sides of 35 down to Yellow River Inn.

Cut and sprayed in ditches of Highway 70 east of Johnson Lumber in low spot in road.

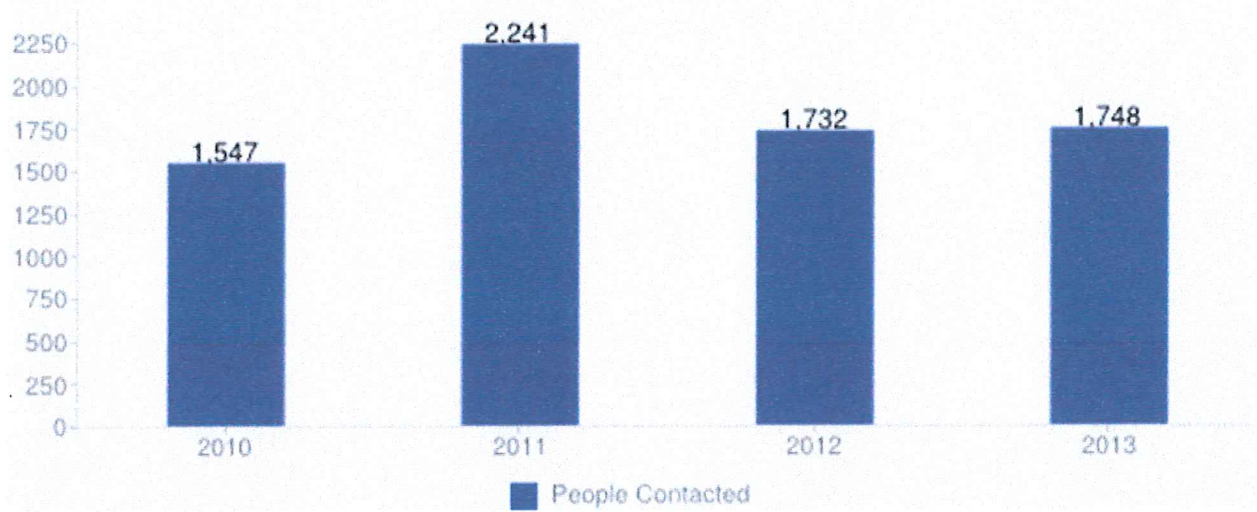
Cut and sprayed on County road C before trail to Culbertson spring trail on east side of road.

Cut and sprayed along the shoreline of Pike Lake with help of Jack Elliot driving boat.

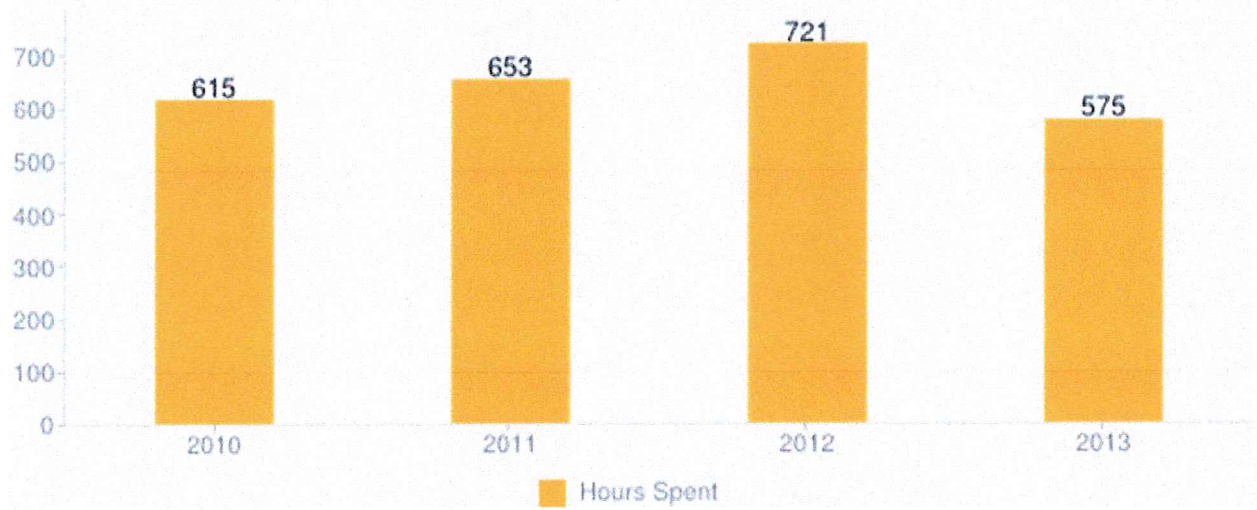
### **Clean Boats Clean Waters**

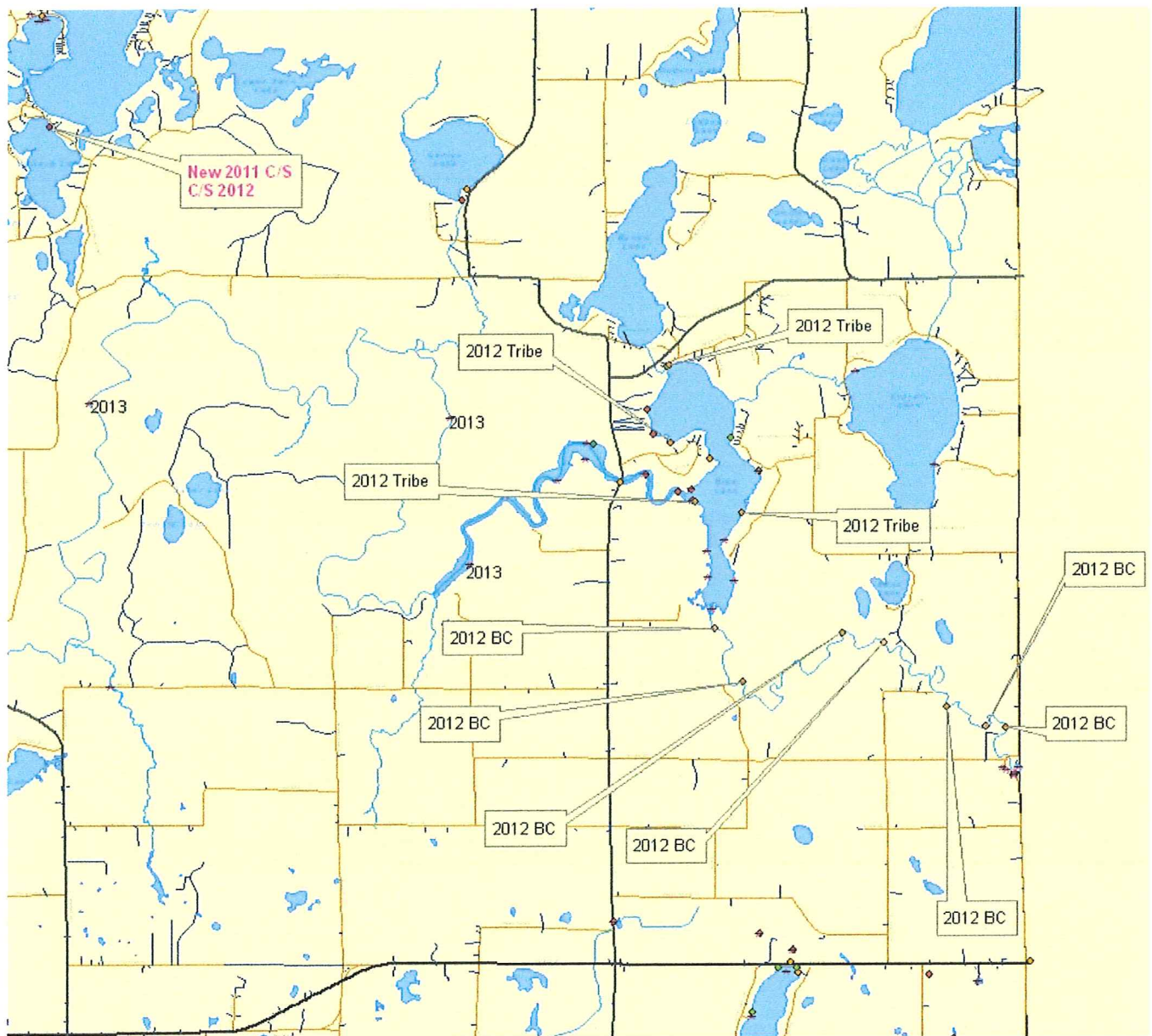


People Contacted



Hours Spent





#### AIS Program

- As part of the DNR Early Detection Monitoring Project, the littoral zone and boat landings were inventoried. In addition, tows were conducted to detect for Spiny Water Flea and Zebra mussels. The lakes are: Devils, Dunham, Fish, Gull, Middle McKenzie, Places, Pokegama, Prinel, Round, Sand and Taylor.
- Conducted Curly-leaf pondweed surveys for Big and Middle McKenzie
- Conducted a whole lake plant survey for Lipsett Lake, identified and vouchered 36 aquatic plant specimens. The specimens were pressed and sent to the WI State Herbarium @ Stevens Point for verification.
- Conducted Curly-leaf pondweed survey and whole lake survey for Little Wood Lake and Big Doctor Lake.
- Wrote aquatic plant management plan for Mudhen Lake.
- Installed aquatic invasive species signs on 52 walk water accesses: such as rivers and streams
- Conducted plant surveys on Little Wood Lake and Big Doctor Lake. A total of 23 specimens were identified and vouchered on Big Doctor Lake and 35 aquatic plant specimens were identified and

vouchered on Little Wood Lake. The specimens were pressed and sent to the WI State Herbarium @ Stevens Point for verification.

- Created maps for each plant specimen identified on each of the three lakes. See sample below
- Inspected each public boat landing and updated AIS signs as needed.
- Inventoried each public boat landing for AIS
- To search for the presence of non-native aquatic invasive plant species, especially Eurasian water milfoil and curly leaf pondweed, and to document native aquatic plant species present at Burnett County boat landings, 24 boat landing were surveyed. Six rare species were identified and submitted to the WI herbarium. Connors, Johnson, Falk, Big, Banach, North, Bonner, Sand, Loon/Cadotte, North Sand, Point, Birch Island, Fish, Rooney, Goose, Long, Des Moines, Lily, Nicaboyne, Prinel, Briggs, Johnson, Devils, Austin
- A total of 3614 locations were navigated to and surveyed

