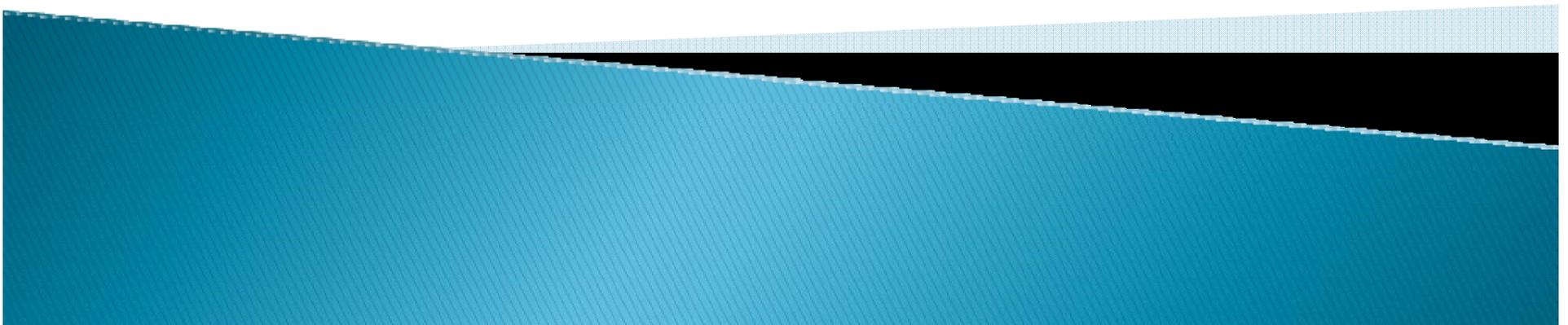
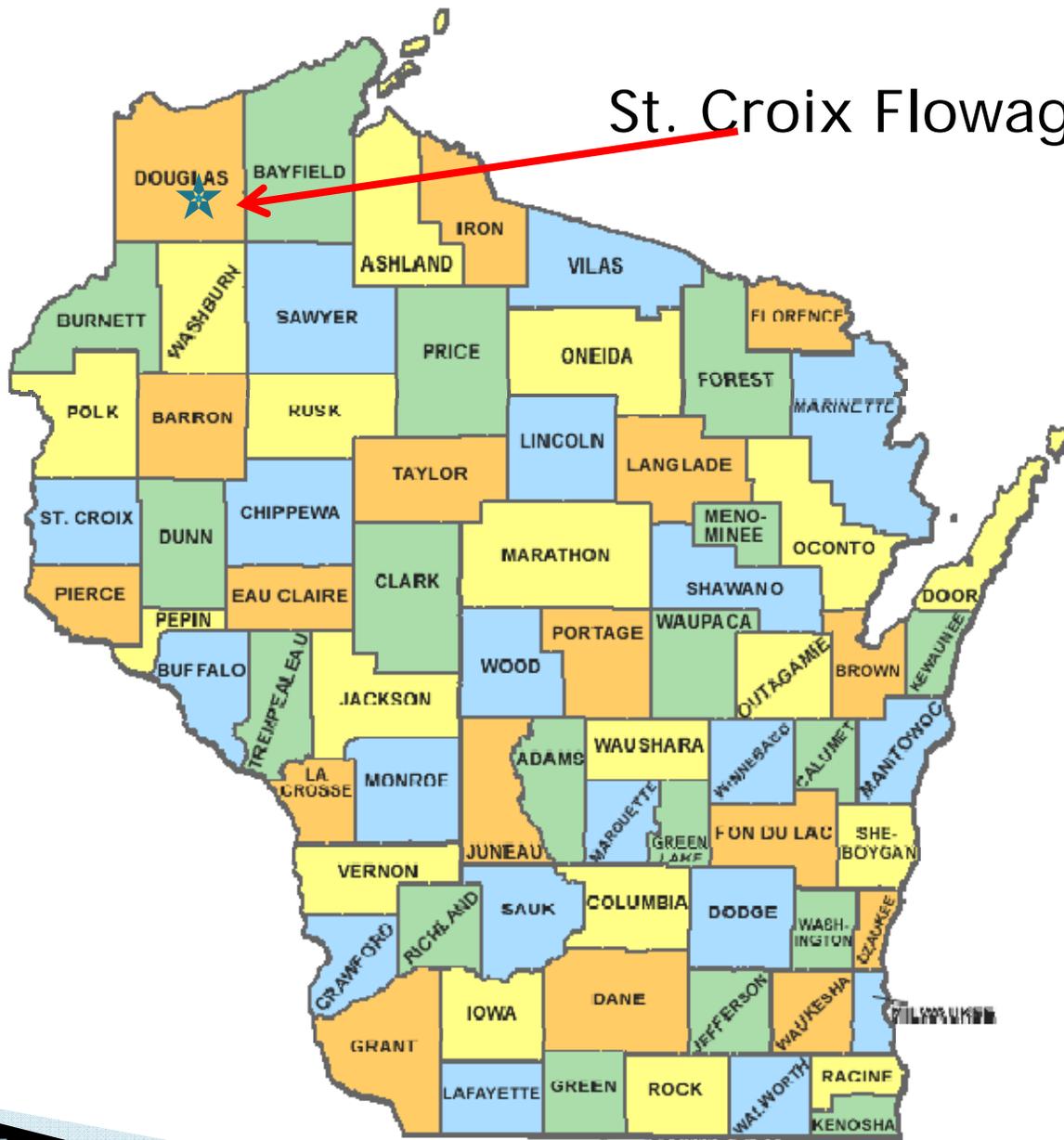


Rapid Response is NOT just the name of a grant

Our Experience at the
St. Croix Flowage



St. Croix Flowage



Detection by CBCW Monitor



▶ 2nd Week- July 2007

- Suspicious looking plant at dock
- Sample to CBCW Coordinator
- Identified as EWM by CBCW Coordinator

Frank Koshere,
Pamela Toshner, and
Mark Sundeen, of the
WDNR confirmed
EWM

Spoooner WDNR Lakes Team
pressed samples and sent to
state herbarium

WDNR Lab must confirm EWM
before action can be taken

Flowage Association placed
markers around dock/boat
launch area

July 18th





July 23rd

Initiation of planning
process between
Flowage Association
and WDNR

National Park Service and
Corps of Engineers
contacted

WDNR suggested Early
Detection Rapid
Response Grant

Douglas County
Forestry notified

July 24th

Official contact with Douglas County

Letter requesting County to be sponsor for EDRR Grant from WDNR

Placed on next Douglas County Forestry Department agenda

July 30th

Douglas County agreed to sponsor EDRR Grant

Douglas County Land Conservationist named authorized representative of EDRR grant

Discussion of treatment strategies with WDNR, Corps of Engineers, and National Park Service



July 26th

Proximity to dam

Proximity to boat landing

Time of year

Water temperature

Up stream from St. Croix National Scenic Riverway

Previously scheduled APS of entire Flowage

July 23rd – August 3rd

Treatment plan finalized by DNR, Corps of Engineers and NPS



Hand pulling and two
herbicide treatments

United Phosphorus Limited
donated Aquathol Super - K

Douglas County submitted
completed EDRR grant
application to WDNR

Hand pulling of plants
below the dam by
volunteers

Lorna and Roger Wilson
designated project contact
persons for EDRR Grant

August 16th

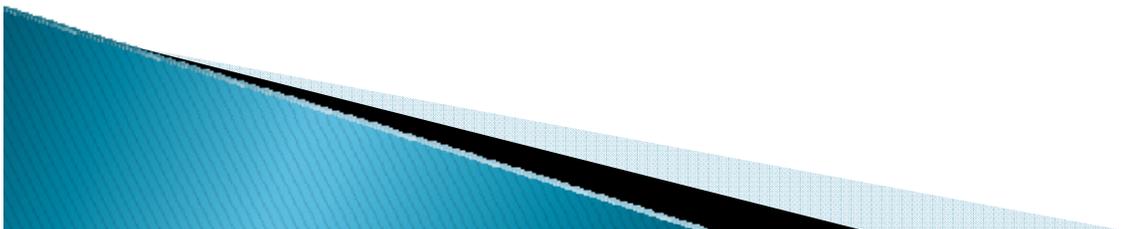
Initial survey of
area of
infestation

Hand removal
of 300+ EWM
plants



August 22nd, 24th, and 28th

- ▶ Douglas County verbally approved permit for chemical treatment of EWM
- ▶ Chemical control / treatment plan confirmed
- ▶ WDNR issued permit for chemical plant control using Aquathol Super K and “Navigate” (2-4D)



August 29th and 30th



- Four treatments of Aquathol Super – K over 24 hours
- Boat Landing closed temporarily

September 6th

Formal Resolution from Douglas
County Board of Supervisors
authorizing County sponsorship
of Early Detection/Rapid
Response Grant

September 30th



- ▶ Boat Landing closed temporarily
- ▶ Second diver inspection and removal of 11 plants
- ▶ Second chemical treatment with "Navigate" (2-4D)

October 9th

Official approval of Early
Detection/Rapid Response
Grant by Wisconsin
Department of Natural
Resources

November 11th

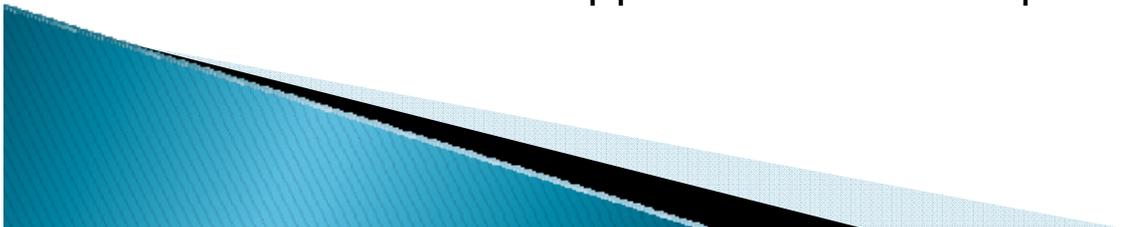
Follow-up Meeting with Flowage Association,
WDNR, Douglas County Forestry Department,
and Douglas County Land Conservation
Department



- Evaluated process
- Reviewed problems/ how to correct
- How to improve inter-agency communication
- Planned County response to future situations

Eleven weeks from detection to completion of treatment plan

- ▶ July 14th – EWM found
- ▶ July 18th – DNR confirmed EWM
- ▶ July 23rd – All agencies involved
- ▶ July 24th – Douglas County involved
- ▶ July 26th – Started planning for treatment strategies
- ▶ July 30th – Douglas County agreed to be sponsor for RR Grant
- ▶ July 23rd – Aug 3rd – Treatment Plan finalized
- ▶ Aug 3rd – County signed grant/named Lorna and Roger Wilson as Project Contact persons
- ▶ Aug 16th – Initial survey; diver removal of 300+ EWM plants
- ▶ Aug 22nd – County approval for chemical treatment
- ▶ Aug 24th – EWM chemical control plan finalized
- ▶ Aug 28th – WDNR Permit for chemical control plan
- ▶ Aug 29th – 30th – First chemical treatment
- ▶ Sept 6th – County formal resolution to sponsor Grant
- ▶ Sept 30th – Second diver inspection and chemical treatment
- ▶ Oct 9th – Official approval of Grant request by WDNR



Future Action – 2008



-Spring 2008 –
Diver Inspection of
treated area

Possible use of “curtain”

Continue CBCW
program with
enhancements

Determine future needs
and approaches (APM)

Recommendations

- Conduct an Aquatic Plant Survey prior to detection
- Use GPS to mark infested area
- Have action plan in place prior to detection (Lake group, town/county government, and WDNR)
- Initiate action immediately; don't wait for paperwork

