



Annual Meeting August 25, 2012  
Church Pine, Round and Big Lake Protection and Rehabilitation District  
West Immanuel Lutheran Church Servant Hall

Board Members present: Steve Oswald, Gary Ovick, Jerry Tack, Heidi Hazzard, Dave Zanick, Helen Johnson (Alden Township)  
53 Lake District residents were present.

Meeting was called to order @ 9:00 a.m. by Gary Ovick.

Approve agenda: Gary Balas made a motion to accept the agenda, seconded by Ann Wasescha. Motion carried.

Secretary's report: Minutes from annual meeting August 27, 2011 were read. Steve Paulson made a motion to accept the minutes from August 25, 2011, seconded by Rachel Starbuck. Motion carried.

Treasurer's report: Jerry Tack gave the 8/1/12 treasurer's report. Ann Layton made a motion to approve the treasurer's report, seconded by Steve Paulson. Motion carried.

Annual audit for 2011: Report from Jerry Tack. Rob Starbuck made a motion to approve the annual audit report, seconded by Paul Firlé. Motion carried.

Grant Status: Gary Ovick reported and gave an overview of the APM grant and CBCW grants. Our current grants will end 12/31/13. We will be applying for two grants due Feb 2013 for APM and CBCW to continue into 2014, if we are not successful, we will reapply in August 2013.

### **Committee Reports**

APM (Aquatic Plant Management): Steve Oswald gave a report.

Curly Leaf Pondweed: Turions went from 44 to 12. We have a 96% reduction in CLP.

Purple Loosestrife: We still have an issue with this around the navigation channel from Big Lake to Round Lake.

Chinese mystery snails: There is no DNR treatment plan for these at this time.

Volunteer spotters needed to look for all Invasive Species. Contact Steve Oswald with any info or questions.

Diver Inspection: Diver will be out this August/September

Clean Boats Clean Water: Heidi Hazzard gave report. We heavily staffed the landings in June/July this summer.

Dam Inspection: Steve Oswald reported. We must have engineers inspect every 10 years per the DNR. Our dams protect us from Asian Carp. Our dams are District property.

Fish Stocking: Gary Ovick reported. Earl Mork donated \$2000 for additional stocking for a total of \$6000 to be spent on stocking.

Navigation Committee: Jerry Tack reported. We added 2 new buoys this year near each landing. Another buoy will be added next summer. Permits have been approved by DNR for dredging and Rip-Rap. We are applying for a grant to cover some costs of the projected \$9,552 dredging project. Grant will be decided in March 2013. Dredging will be done in early spring of 2013 regardless of grant funding. We will dredge to 36".

Social Committee: We had 2 events this year-the spring dinner (60 people attended) and the 4<sup>th</sup> of July parade. Next year the spring dinner will be on May 18<sup>th</sup>, 2013.

Water Patrol Committee: Tom Bach reported. 6 Citations and 13 warnings were given. Two weekends were not covered due to truck/boat breakdowns.

Water Quality Committee: David Zanick reported. Water Quality Study is underway. Currently sampling all 3 lakes for water levels, oxygen, temp, Secchi depth. We will get a report back from Polk County this fall. Polk County has a grant and we will pay \$5000 of the study costs and provide 300 volunteer hours. We have held pontoon classrooms for volunteer hours. We will hold shoreline survey training on Sept 7<sup>th</sup> at 3 p.m. on Church Pine landing, a Shoreline Restoration class on Sept 13 at 3 p.m. at Alden Town Hall, and an additional pontoon classroom on Sept 19 at 2 p.m. at Church Pine landing.

Website: Gary Ovick reported. Website has been updated and the webmaster is Bill Kamb from St. Paul.

**Proposed Budget 2013:** Jerry Tack gave overview. Steve Paulson made a motion to accept 2013 budget, seconded by Heidi Hazzard. Motion carried.

Bill Hibbard made a motion to suspend the rules for a secret ballot, seconded by Paul Firlé. Motion carried.

David Zanick made a motion to cast a unanimous ballot for Gary Owick to remain a board member, seconded by Steve Paulson. Motion carried.

Questions and Public Input: Boat patrol question for the hours we fund, how do we get to the 200 hours?

Lake runoff from roads, what are we doing about it? Water quality study will look at Chloride from salt. Does state, county, or town have any responsibility for the runoff? Helen Johnson addressed this by saying Alden has to first address people's use of the roads and ability to get to work. After our study is complete they will consider the implications of the salt use.

Water level? What can we do about it? Would an addition of a board in dam do any good? We are not sure if it's allowed by DNR.

Old Business: None

New Business: None

Closing Remarks:

Spring meeting will be May 18, 2013  
Volunteer!!!

Ed Brunow made a motion to adjourn at 11:35 am, seconded by Steve Paulson. Motion carried.



# Welcome

Annual Meeting  
August 24, 2013





**The Church and Pine, Round and Big Lake District Protection and Rehabilitation**





# Lake Protection and Rehabilitation Districts

- A local unit of government focused on lake management
- Residents vote on *published* agenda items at an Annual Meeting. E.g. policy, budgets, taxes and commissioners.
- Commissioners execute the Annual Meeting directives and the day to day business of the District.
- Governed by Wisconsin Statute, including Chapters:
  - ✓ 19 General Duties of Public Officials
  - ✓ 65 Budget Systems
  - ✓ 30 Navigable Waters
  - ✓ 66 Municipal Law (Bids)



# LAKE MANAGEMENT ESSENTIALS

for Wisconsin Lake Organizations

## EDUCATION

WI Lakes Partnership  
LWRD  
PCALR  
Self-taught

## PROCESS SUPPORT\*

DNR  
LWRD  
Town  
Municipality  
Consultant  
Contractor  
Designer  
Engineer

*\*Roles vary with each project*

## LAKE ORGANIZATION

**LEADERSHIP**

**COMMUNICATION**

**VOLUNTEERING**

**PLANNING**

**IMPLEMENTATION**

**EVALUATION**

## FUNDING

DNR  
County  
Real Estate Tax  
Environmental Org.  
Property owners

## LEGAL

Regulations  
Permits  
Meeting laws  
Contracts  
Insurance



# Board of Commissioners

- |               |  |
|---------------|--|
| Heidi Hazzard | Secretary & Clean Boats Clean Water Chair  |
| Helen Johnson | Town of Alden Supervisor                   |
| Tom Magnafici | Polk County Supervisor                     |
| Steve Oswald  | Aquatic Plant Mgmt. & Dam Inspection Chair |
| Gary Ovick    | Board Chairman                             |
| Jerry Tack    | Treasurer & Navigation Chair               |
| David Zanick  | Water Quality & Social Committee Chair     |

# Board of Commissioners



Gary Ovick  
Chairman  
(Church Pine Lake)

491 Lake View Lane  
Osceola, WI 54020

Phone: (715) 294-3988  
Cell: (715) 417-1770  
[garyovick@aol.com](mailto:garyovick@aol.com)

David Zanick  
Commissioner  
(Church Pine Lake)

466 184TH St, Osceola, WI  
54020  
1885 63rd St, Inver Grove MN  
55077

(715) 294-3740  
(952) 237-4374 Cell  
[davidzanick@ymail.com](mailto:davidzanick@ymail.com)

Steve Oswald  
Commissioner  
(Big Lake)

1901D 60th Avenue  
Osceola WI 54020

(715) 294-3135  
[cri.steevo@gmail.com](mailto:cri.steevo@gmail.com)

Jerry Tack  
Treasurer  
(Round Lake)

542 Round Lake Ct  
Osceola, WI 54020

(715) 294-2739  
(715) 808-5239 Cell  
[tack542@centurylink.net](mailto:tack542@centurylink.net)

Heidi Hazzard  
Secretary  
Big Lake

607 Home Ct.  
Osceola, WI 54020

(715) 294-2950  
[heidihazzard@centurytel.net](mailto:heidihazzard@centurytel.net)

Helen Johnson  
Town of Alden  
Supervisor

79 10th Ave.  
New Richmond, WI 54017

(715) 248-3277  
[johnsont@frontiernet.net](mailto:johnsont@frontiernet.net)

Tom Magnafici

1818 120th Ave.

(715) 308-5190



# Committee Membership

## Aquatic Plant Management Committee

Steve Oswald	Big Lake	Committee Chair & Commissioner
Tom Diaz	Big Lake	
Beth Hartman	Round Lake	
Brent Martin	Church Pine	
Tom Tinkham	Big Lake	
Hubert Wegele	Big Lake	
David Zanick	Church Pine	
Heidi Hazzard	Big Lake	Commissioner
Helen Johnson	Town of Alden	Commissioner
Gary Ovick	Church Pine	Commissioner

## Audit Committee

Joel Hazzard	Big Lake	Committee Chair
Kelly Dudek	Big Lake	

## Clean Boats Clean Water Committee

Heidi Hazzard	Big Lake	Committee Chair & Commissioner
Helen Johnson	Town of Alden	Commissioner

## Dam Inspection Committee

Steve Oswald	Big Lake	Committee Chair & Commissioner
Bob Meyer	Church Pine	
Dave Dudek	Big Lake	

## Fish Stocking Committee

Bob Meyer	Church Pine	Committee Chair
Nate Wendt	Round Lake	

## Legal Resource Committee

Bert McKasy	Church Pine	Committee Chair
-------------	-------------	-----------------



# Committee Membership

## Navigation Committee

Jerry Tack	Round Lake	Committee Chair & Commissioner
Chuck Vacha	Church Pine	
Gary Ovick	Church Pine	Commissioner

## Water Patrol Committee

Tom Bach	Church Pine	Committee Chair
----------	-------------	-----------------

## Water Quality Committee

David Zanick	Church Pine	Committee Chair & Commissioner
Tom Tinkham	Big Lake	
Jerry Tack	Round Lake	Commissioner
Gary Ovick	Church Pine	Commissioner
Carl Pierson	Church Pine	
Ann Layton	Church Pine	
Katelin Holm	Polk County LWRD	
Jeremy Williamson	Polk County LWRD	
Jake Macholl	SCH	

## Website Committee

Jeri Diaz	Big Lake	Committee Chair
-----------	----------	-----------------

## Social Committee

David Zanick	Church Pine	Committee Chair & Commissioner
Rachel Starbuck	Big Lake	
Jacq Hauser	Big Lake	
Jeanne Meyer	Church Pine	
Bev Medvec	Round Lake	
Tom Tinkham	Big Lake	
Suzanne Zanick	Church Pine	
Steve Paulson	Big Lake	
Sally Pierson	Church Pine	
Rachel Starbuck	Big Lake	
Glenna Tack	Round Lake	
Jess Vindal	Round Lake	





# PLEASE!

# VOLUNTEERS NEEDED

# PLEASE!

## CHURCH PINE, ROUND AND BIGLAKE PROTECTION & REHABILITATION DISTRICT

Volunteer Positions	Your Name	Telephone #	Email
<b>Board of Commissioners</b> Develop and execute plans to protect & rehabilitate the lakes in the District			
<b>Aquatic Plant Management Committee</b> Assist in the implementation of the Aquatic Plant Management Plan; Prevent & Control AIS			
<b>Water Quality Committee</b> Assist in the implementation of the Lake Management Plan and pursue improved water			
<b>Clean Boats Clean Water (CBCW) Committee</b> Coordinate the monitoring of boat landings with inspectors and surveillance cameras.			
<b>Water Patrol Committee</b> Interface with Polk Co. Sheriff and Wapo Board to provide water safety via our Patrol Boat			
<b>Navigation Committee</b> Place and remove buoys; Monitor channel depth & procure dredging contractors as needed			
<b>Dam Inspection Committee</b> Inspect annually, submit report and interface with contractors as required.			
<b>Audit Committee</b> Audit treasury activities and submit report annually			
<b>Web site Committee</b> Solicit and contribute articles and photos; manage attachments; respond to emails			
<b>Legal Resource Committee</b> Advise and assist Board on legal matters, WI Statute 33, Open Mtg Laws, Robert's Rules, etc.			
<b>Social Committee</b> Facilitate events to build community and volunteerism			

# 2013 Annual Meeting Agenda



- Call to Order & Opening Remarks
- Secretary's Report (08/25/12 Annual Meeting Minutes)
- Treasurer's Report (2013 YTD)
- Annual Audit (2012)
- Grant Status Report (YTD and future)
- Committee Reports & 2014 Funding Requirements
  - Aquatic Plant Management
  - Clean Boats Clean Waters
  - Dams
  - Fish Stocking
  - Navigation
  - Social Committee
  - Water Patrol - Boat Purchase
  - Water Quality - Lake Management Plan
  - Web Site
- Break
- New Business
  1. Approve 2014 Budget
  2. Approve Board's authority to reallocate up to \$5K between budget categories w/o calling a Special Mtg.
  3. Approve rescinding obsolete District By-Laws to comply with comprehensive State Statutes
- Election of Commissioners, Nominations: Mike Reiter, Big Lake & Ann Layton, Church Pine
- Questions & Public Input
- Closing Remarks & Adjournment



# Secretary's Report

By Heidi Hazzard



Annual Meeting August 25, 2012  
 Church Pine, Round and Big Lake Protection and Rehabilitation District  
 West Immanuel Lutheran Church Servant Hall

Board Members present: Steve Oswald, Gary Ovick, Jerry Tack, Heidi Hazzard, Dave Zanick, Helen Johnson (Alden Township)  
 53 Lake District residents were present.

Meeting was called to order @ 9:00 a.m. by Gary Ovick.

Approve agenda: Gary Balas made a motion to accept the agenda, seconded by Ann Wasescha. Motion carried.

Secretary's report: Minutes from annual meeting August 27, 2011 were read. Steve Paulson made a motion to accept the minutes from August 25, 2011, seconded by Rachel Starbuck. Motion carried.

Treasurer's report: Jerry Tack gave the 8/1/12 treasurer's report. Ann Layton made a motion to approve the treasurer's report, seconded by Steve Paulson. Motion carried.

Annual audit for 2011: Report from Jerry Tack. Rob Starbuck made a motion to approve the annual audit report, seconded by Paul Firl. Motion carried.

Grant Status: Gary Ovick reported and gave an overview of the APM grant and CBCW grants. Our current grants will end 12/31/13. We will be applying for two grants due Feb 2013 for APM and CBCW to continue into 2014, if we are not successful, we will reapply in August 2013.

#### **Committee Reports**

APM (Aquatic Plant Management): Steve Oswald gave a report.

Curly Leaf Pondweed: Turions went from 44 to 12. We have a 96% reduction in CLP.

Purple Loosestrife: We still have an issue with this around the navigation channel from Big Lake to Round Lake.

Chinese mystery snails: There is no DNR treatment plan for these at this time.

08/25/12 Minutes



08/25/12 Minutes

Volunteer spotters needed to look for all Invasive Species. Contact Steve Oswald with any info or questions.

Diver Inspection: Diver will be out this August/September

Clean Boats Clean Water: Heidi Hazzard gave report. We heavily staffed the landings in June/July this summer.

Dam Inspection: Steve Oswald reported. We must have engineers inspect every 10 years per the DNR. Our dams protect us from Asian Carp. Our dams are District property.

Fish Stocking: Gary Ovick reported. Earl Mork donated \$2000 for additional stocking for a total of \$6000 to be spent on stocking.

Navigation Committee: Jerry Tack reported. We added 2 new buoys this year near each landing. Another buoy will be added next summer. Permits have been approved by DNR for dredging and Rip-Rap. We are applying for a grant to cover some costs of the projected \$9,552 dredging project. Grant will be decided in March 2013. Dredging will be done in early spring of 2013 regardless of grant funding. We will dredge to 36".

Social Committee: We had 2 events this year-the spring dinner (60 people attended) and the 4<sup>th</sup> of July parade. Next year the spring dinner will be on May 18<sup>th</sup>, 2013.

Water Patrol Committee: Tom Bach reported. 6 Citations and 13 warnings were given. Two weekends were not covered due to truck/boat breakdowns.

Water Quality Committee: David Zanick reported. Water Quality Study is underway. Currently sampling all 3 lakes for water levels, oxygen, temp, Secchi depth. We will get a report back from Polk County this fall. Polk County has a grant and we will pay \$5000 of the study costs and provide 300 volunteer hours. We have held pontoon classrooms for volunteer hours. We will hold shoreline survey training on Sept 7<sup>th</sup> at 3 p.m. on Church Pine landing, a Shoreline Restoration class on Sept 13 at 3 p.m. at Alden Town Hall, and an additional pontoon classroom on Sept 19 at 2 p.m. at Church Pine landing.

Website: Gary Ovick reported. Website has been updated and the webmaster is Bill Kamb from St. Paul.

**Proposed Budget 2013:** Jerry Tack gave overview. Steve Paulson made a motion to accept 2013 budget, seconded by Heidi Hazzard. Motion carried.



08/25/12 Minutes

Bill Hibbard made a motion to suspend the rules for a secret ballot, seconded by Paul Firlé. Motion carried.

David Zanick made a motion to cast a unanimous ballot for Gary Ovick to remain a board member, seconded by Steve Paulson. Motion carried.

Questions and Public Input: Boat patrol question for the hours we fund, how do we get to the 200 hours?

Lake runoff from roads, what are we doing about it? Water quality study will look at Chloride from salt. Does state, county, or town have any responsibility for the runoff? Helen Johnson addressed this by saying Alden has to first address people's use of the roads and ability to get to work. After our study is complete they will consider the implications of the salt use.

Water level? What can we do about it? Would an addition of a board in dam do any good? We are not sure if it's allowed by DNR.

Old Business: None

New Business: None

Closing Remarks:

Spring meeting will be May 18, 2013  
Volunteer!!!

Ed Brunow made a motion to adjourn at 11:35 am, seconded by Steve Paulson. Motion carried.



# Treasurer's Report

By Jerry Tack





**Church Pine, Round and Big Lake Protection and Rehabilitation District**  
**Annual Operating Plan (AOP) & Account Balances**  
**8/1/2012**



Annual Operating Plan	2011 Actual	2012				2012 Approved Budget			
		Budget	Actual YTD	Pending	Forecast EOY	Budget	Assumptions		
Reserve Balance Carried Forward	\$27,151	\$26,701	\$19,674	\$0	\$19,674	\$26,701			
Interest Income (checking only)	\$110	\$350	\$21	\$10	\$31	\$350			
DNR Water Patrol Rebate	\$2,319	\$2,319	\$0	\$2,319	\$2,319	\$2,319	65% of \$3,568		
Insurance Rebate	\$520	\$0	\$0	\$590	\$590	\$0			
Grant LPL-1299-09 (APMP Preparation)	\$2,500	\$0	\$0	\$0	\$0	\$0	Closed		
Grant AEPP-212-10 (CBCW)	\$11,745	\$0	\$0	\$0	\$0	\$0	Closed		
Grant ACEI-099-11 (APMP Implementation)	\$18,452	\$27,800	\$23,068	\$11,449	\$34,517	\$27,800	75% of "Grant Eligible" expenses		
Donation (Big Lake Store)	\$1,839	\$0	\$0	\$0	\$0	\$0	Upside to support fish stocking		
Sub Total (w/o Levy)	\$64,636	\$57,170	\$42,762	\$14,368	\$57,130	\$57,170			
Levy	\$35,682	\$24,934	\$14,714	\$10,220	\$24,934	\$24,934			
<b>Total Revenue</b>	<b>\$100,318</b>	<b>\$82,104</b>	<b>\$57,476</b>	<b>\$24,588</b>	<b>\$82,064</b>	<b>\$82,104</b>			
Education and Travel	\$2,187	\$3,500	\$2,128	\$200	\$2,328	\$3,500	5 Commissioners to WAL mtg/training, and Board Travel		
Purple Loosetrife Control	\$763	\$1,250	\$0	\$1,250	\$1,250	\$1,250	Purple Loosetrife Control		100%
Curley Leaf Pondweed Control	\$25,691	\$24,997	\$18,025	\$2,500	\$20,525	\$24,997	Herbicide Treatment, Surveys, & Permits for CLP.		100%
Native Plant Control for Navigation	\$0	\$1,220	\$0	\$0	\$0	\$1,220	Potential Herbicide Treatment of Bay D (West Side Big Lake)		100%
AIS Monitoring	\$560	\$1,000	\$0	\$1,000	\$1,000	\$1,000	Annual Diver Inspection for AIS		100%
EWM Rapid Response Fund Payment*	\$2,500	\$5,000	\$5,000	\$0	\$5,000	\$5,000	Emergency non-grant funding for AIS control (Target \$15K)		
Surveillance Cameras Purchase (ILIDS)	\$5,926	\$0	\$0	\$0	\$0	\$0			
Surveillance Cameras Services	\$4,889	\$2,240	\$0	\$2,240	\$2,240	\$2,240	ILID monitoring, Installation/Removal, Travel, Insurance, DSL		
Clean Boats Clean Waters	\$12,832	\$9,100	\$7,095	\$2,005	\$9,100	\$9,100	Supplies \$650, \$450 Brochure, \$8000 Salaries (667hrs * \$12)		100%
Lake Maintenance Fund Payment*	\$0	\$12,500	\$12,500	\$0	\$12,500	\$12,500	Dredging and Maintenance Fund (Target \$93K)		
Channel Dredging	\$6,000	\$0	\$0	\$0	\$0	\$0	2011 \$6,000 to be deposited in Lake Maintenance Fund		
Channel Buoys (Replacement)	\$694	\$347	\$432	\$0	\$432	\$347	2 Additional Buoys		
Water Patrol Labor & Expenses	\$1,259	\$2,600	\$0	\$2,600	\$2,600	\$2,600	200 Patrol Hours		
Insurance	\$2,136	\$2,069	\$2,295	\$0	\$2,295	\$2,069	Workman's Comp and Liability for Board		
Mailings and Newsletter	\$849	\$600	\$302	\$120	\$422	\$600	Meetings notices & Printing costs		37%
Website	\$808	\$1,500	\$138	\$1,362	\$1,500	\$1,500	Upgrade Software, Site Maintenance		33%
Miscellaneous	\$2,968	\$4,326	\$767	\$1,505	\$2,272	\$4,326	Port-a-Potty, Supplies, Other & Budget Oversights		
Water Patrol Boat Loan Service	\$3,916	\$0	\$0	\$0	\$0	\$0	Paid off in 2011		
Meetings	\$500	\$500	\$250	\$250	\$500	\$500	2 District Meetings @250 = \$500		25%
Fish Stocking	\$5,839	\$4,000	\$0	\$4,000	\$4,000	\$4,000	Same as 2011 Budget		
Association Memberships	\$330	\$355	\$330	\$25	\$355	\$355	Run Rate		
Water Quality	\$0	\$5,000	\$442	\$4,558	\$5,000	\$5,000	District net cost contingent on Water Quality Grant		
<b>Total Expenditures</b>	<b>\$80,645</b>	<b>\$82,104</b>	<b>\$49,705</b>	<b>\$23,615</b>	<b>\$73,319</b>	<b>\$82,104</b>			
<b>Reserve Balance</b>	<b>\$19,674</b>	<b>\$0</b>	<b>\$7,771</b>	<b>\$974</b>	<b>\$8,745</b>	<b>\$0</b>			

\* Expenses Reimbursed by Grant at 75% Rate

Account Balances as of 08/01/2012				
Checkbook		\$7,771	Lake Maintenance Fund	\$18,507
			Rapid Milfoil Response	\$7,504
<b>Total</b>		<b>\$7,771</b>	<b>Total</b>	<b>\$26,011</b>
<b>Total of all Accounts =</b>		<b>\$33,782</b>		

\*The \$5,000 expense to Eurasian Milfoil Rapid Response and the \$12,500 expense to Lake Maintenance Fund represent funds transferred to separate accounts.



# Annual Audit Report

By Jerry Tack



# 2012 Audit Report

To: The Church Pine, Round and Big Lake Protection and Rehabilitation District  
Membership

From: The Board of Commissioners

Date: July 8, 2013

RE: 2012 Financial Records Audit

An audit of the Financial Records for the District was conducted on April 20<sup>th</sup>, 2013 by Joel Hazzard at the request of Gary Ovick, Chairman of the Board of Commissioners. The results of the audit were reviewed at the July 8, 2013 Board of Commissioners Meeting.

The audit concluded that “the financial documents are in order and that great care has been taken to ensure all payments, etc. have been properly recorded and with sufficient backup records and information.”

The Board of Commissioners thanks Joel for his service in completing the audit.



# Grant Status Report

By Gary Ovick



# APMP Implementation Grant Status

ACEI-099-11 APMP Implementation Grant Status Report		07/23/13								
	Budget	Grant To Date Costs Reimbursed				2013 Year End Forecast		Forecast	Total Project Forecast	
		Received	Pending	Processing	Total	Pending	Excess	2014	Cost	%
Consulting	\$15,590	\$7,864		\$180	\$8,044	\$4,150	\$3,396	\$3,396	\$15,590	100%
Contracted Staff CBCW	\$16,000	\$8,626		\$1,525	\$10,151	\$5,849	\$0	\$0	\$16,000	100%
Services	\$64,995	\$54,913		\$0	\$54,913	\$1,100	\$8,982	\$12,992	\$69,006	106%
Printing / Mailing	\$1,110	\$798		\$221	\$1,019	\$55	\$36	\$36	\$1,110	100%
Supplies/Misc.	\$6,541	\$6,624		\$25	\$6,649	\$225	-\$333	\$0	\$6,874	105%
Herbicide Monitoring	\$5,526	\$432		\$150	\$582	\$0	\$4,944	\$600	\$1,182	21%
Volunteer \$	\$14,532	\$7,770		\$0	\$7,770	\$1,260	\$5,502	\$3,000	\$12,030	83%
<i>Volunteer Hours</i>	<i>1,211</i>	<i>648</i>		<i>0</i>	<i>648</i>	<i>105</i>	<i>459</i>	<i>250</i>	<i>1,003</i>	<i>83%</i>
<b>Total Project Exp.</b>	<b>\$124,294</b>	<b>\$87,028</b>		<b>\$2,101</b>	<b>\$89,129</b>	<b>\$12,639</b>	<b>\$22,526</b>	<b>\$20,024</b>	<b>\$121,792</b>	<b>98%</b>
Revenue	\$93,221	\$65,271		\$1,576	\$66,847	\$9,479	\$16,894	\$15,018	\$91,344	98%
Reimbursement Rate	75%	75%			75%	75%			75%	

- Current Grant Ended 12/31/13
- Extension Granted until 12/31/14 for balance (\$15,000)



# Committee Reports



# Aquatic Plant Management Committee

By Steve Oswald





# Aquatic Plant Management Plan

## “Implementation Update”

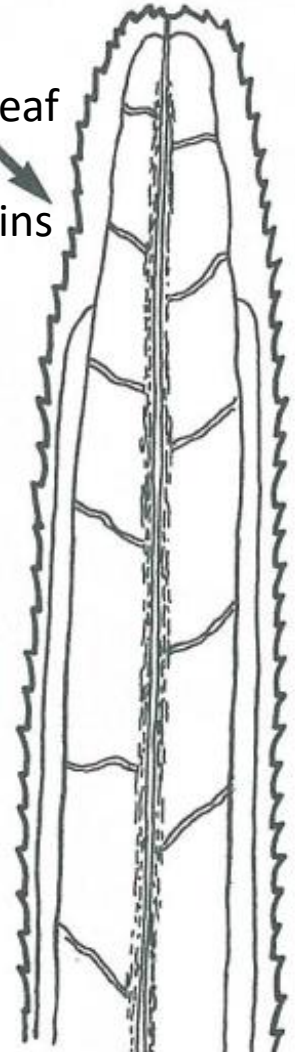
- 12/10/10 ... Aquatic Plant Mgmt. Plan Approved by DNR
- 04/01/11 ... Implementation Grant Approved by DNR

Accomplishments To Date	2011	2012	2013
<b>AIS Control</b>			
CLP Treatment	05/14/11	04/20/12	05/20/13
PL Treatment	All Summer	August	Pending
<b>AIS Prevention</b>			
Diver Inspection	07/28/11	08/15/12	Pending
Camera Installed a C. P. Lake	08/11/15	-	-

# Curly-Leaf Pondweed



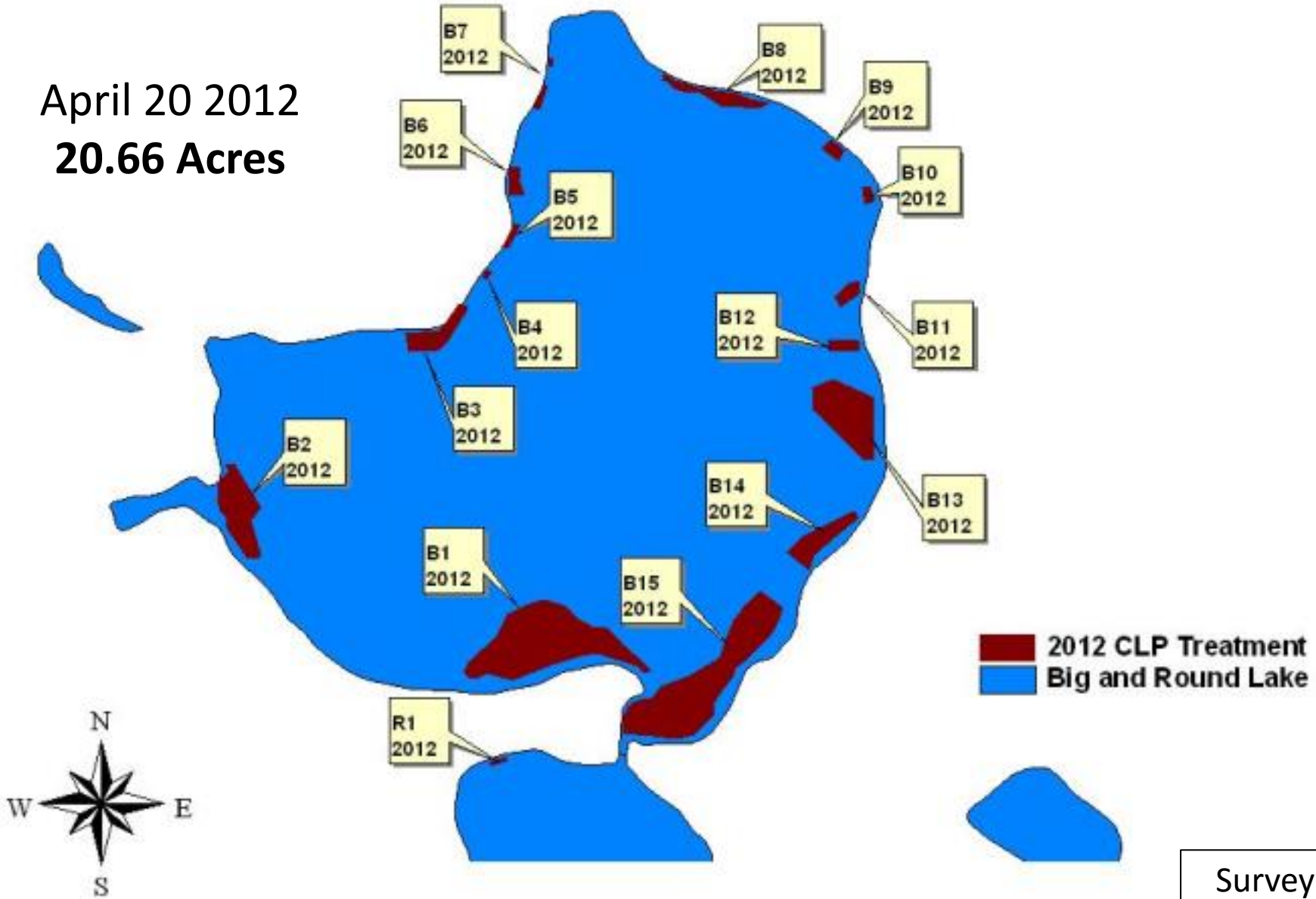
Serrated leaf margin & angled veins



# Big Lake/Round Lake 2012 CLP Treatment

Control

April 20 2012  
20.66 Acres

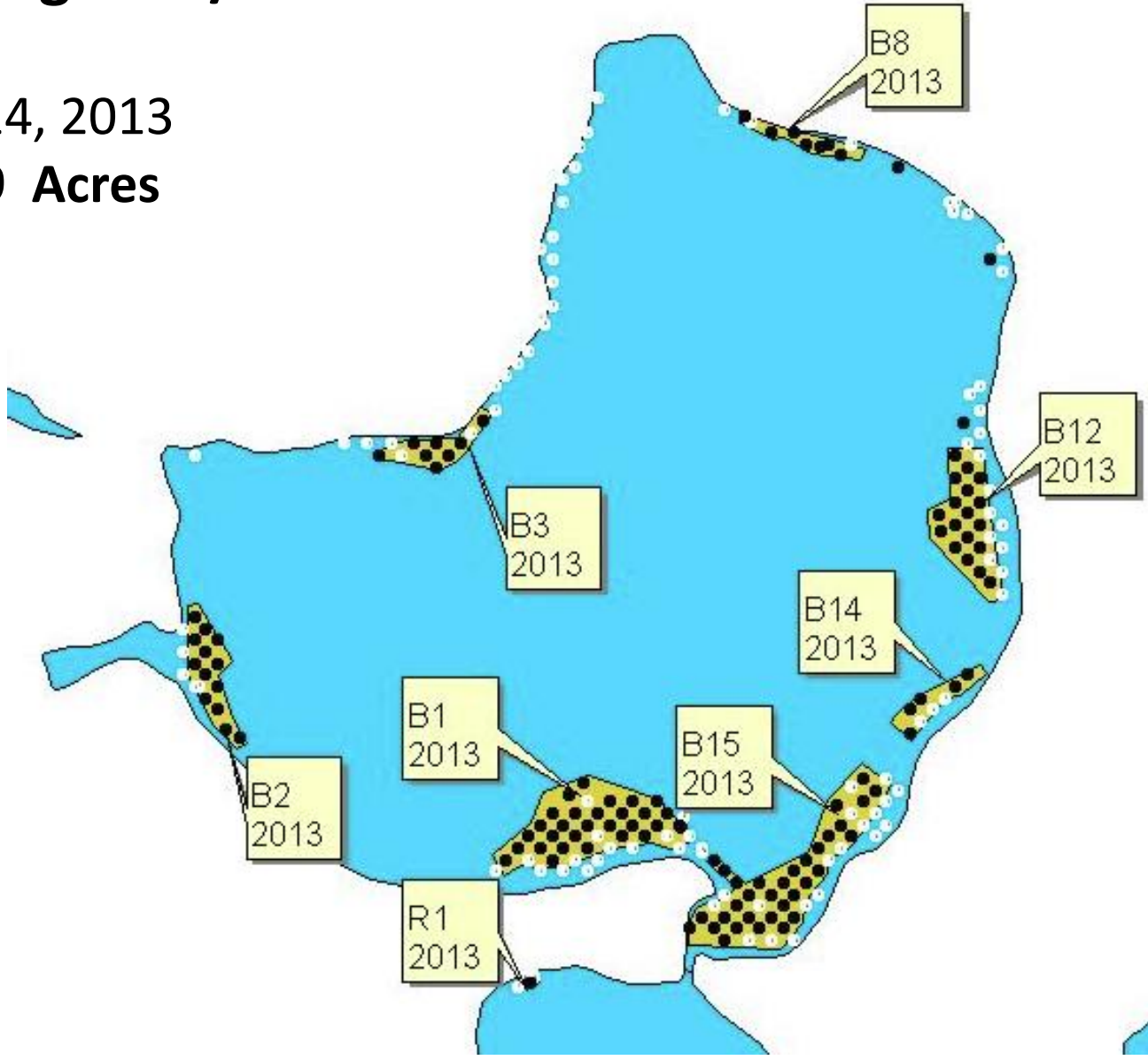


Survey  
04/14/12

Control

# Big Lake/Round Lake 2013 CLP Treatment

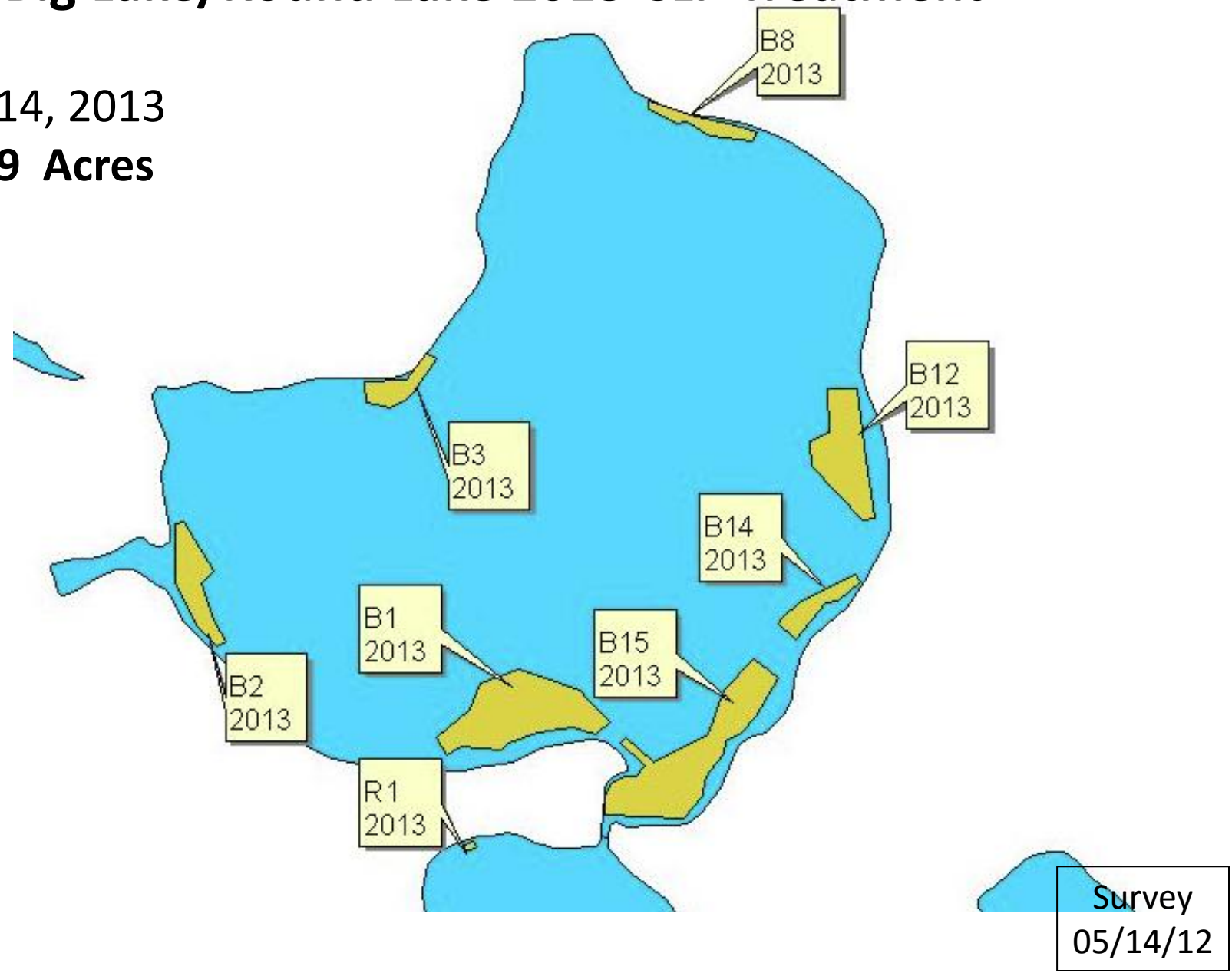
May 14, 2013  
20.89 Acres



Survey  
05/14/12

# Big Lake/Round Lake 2013 CLP Treatment

May 14, 2013  
20.89 Acres







# Frequency of CLP at Sample Points

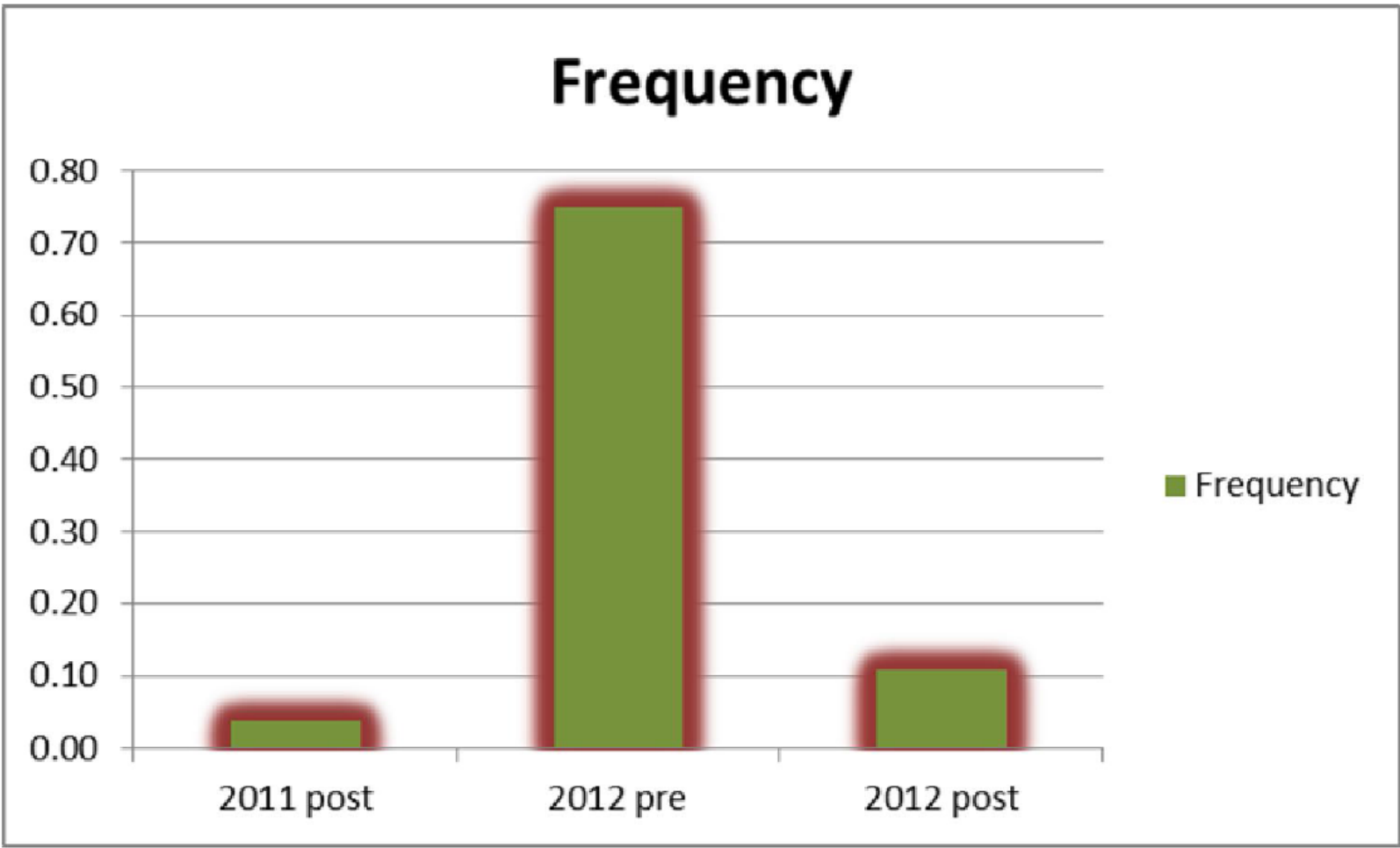


Figure 4: Graph showing frequency in various surveys.



# Change in CLP Turion Density

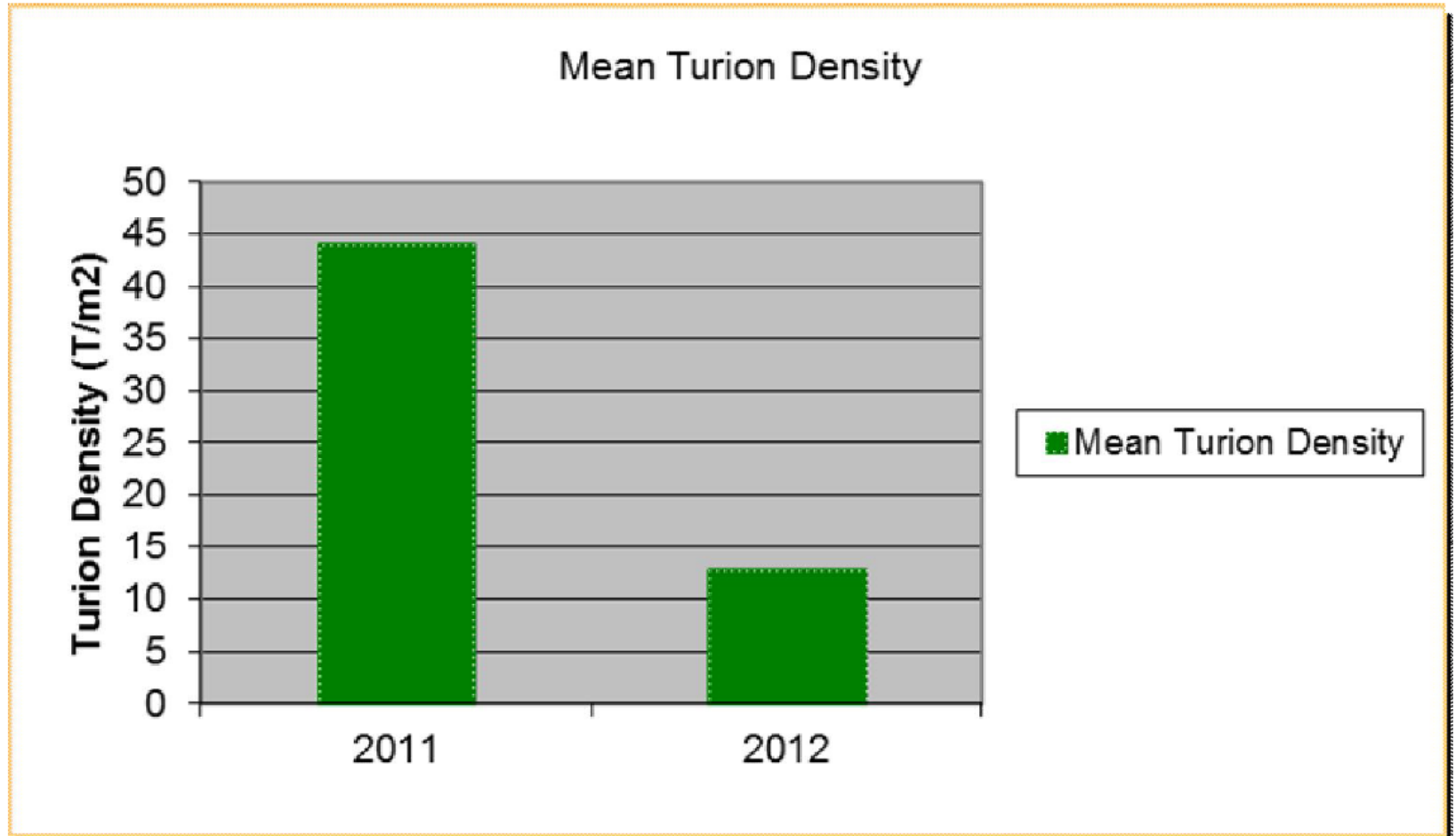


Figure 6: Graph showing turion density-mean all beds, highest bed and lowest bed.



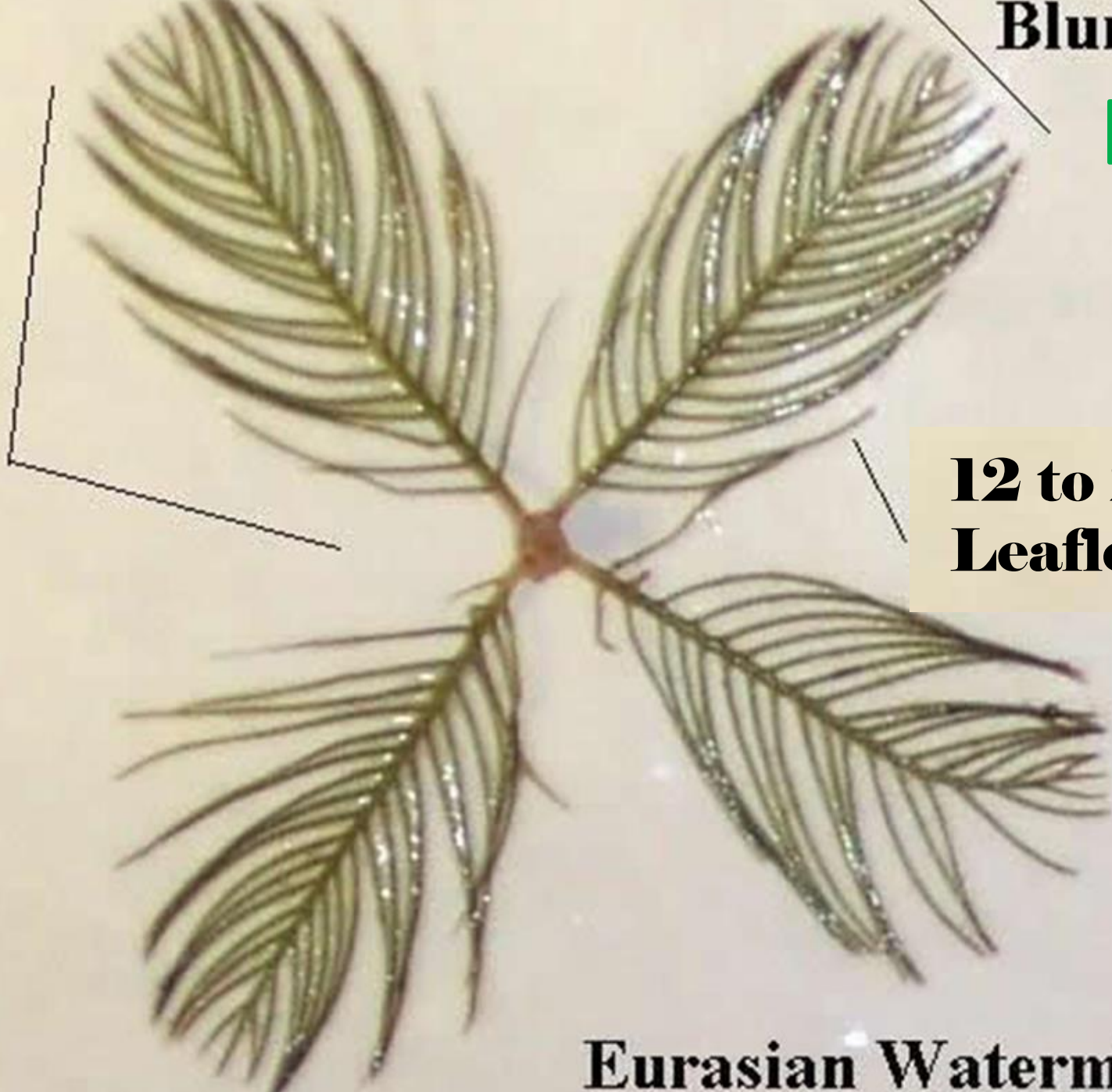
**Blunt tip**

Education

**Leaf**

**12 to 20  
Leaflets**

**Eurasian Watermilfoil**





**RAPID  
MILFOIL  
RESPONSE  
FUND**

**\$7,510**

**AS OF 5/13/2013**

---



# What if you think you found Eurasian Water Milfoil (EWM)?

1. Mark the location
2. Bag the sample
  - Do not fragment the plant ... it spreads by fragmentation!
3. Contact Lake District EWM ID Volunteers
  - Steve Oswald    (715) 294-3135                      (651) 248-8827 Cell
  - Gary Ovick        (715) 294-3988                      (715) 417-1770 Cell
4. If positive ... The Lake District Board will execute the Rapid Response Protocol per the Aquatic Plant Management Plan



# Purple Loosestrife





# Japanese Knotweed





H

Control

# Japanese Knotweed





H

Control

# Japanese Knotweed





# Zebra Mussels





# Zebra Mussels

Education





Control

5 bags of leaves = 1 lb. of Phosphorous = 500 to 1000 lb. of Algae!





# Overview

## Control & Prevention

- *Existing* Aquatic Invasive Species
  - Curly Leaf Pondweed
  - Purple Loosestrife
  - Chinese Mystery Snails
- *Potential* Aquatic Invasive Species
  - Eurasian Water milfoil
  - Zebra Mussels
  - Asian Carp



# CLP Treatment Results 2012

Control

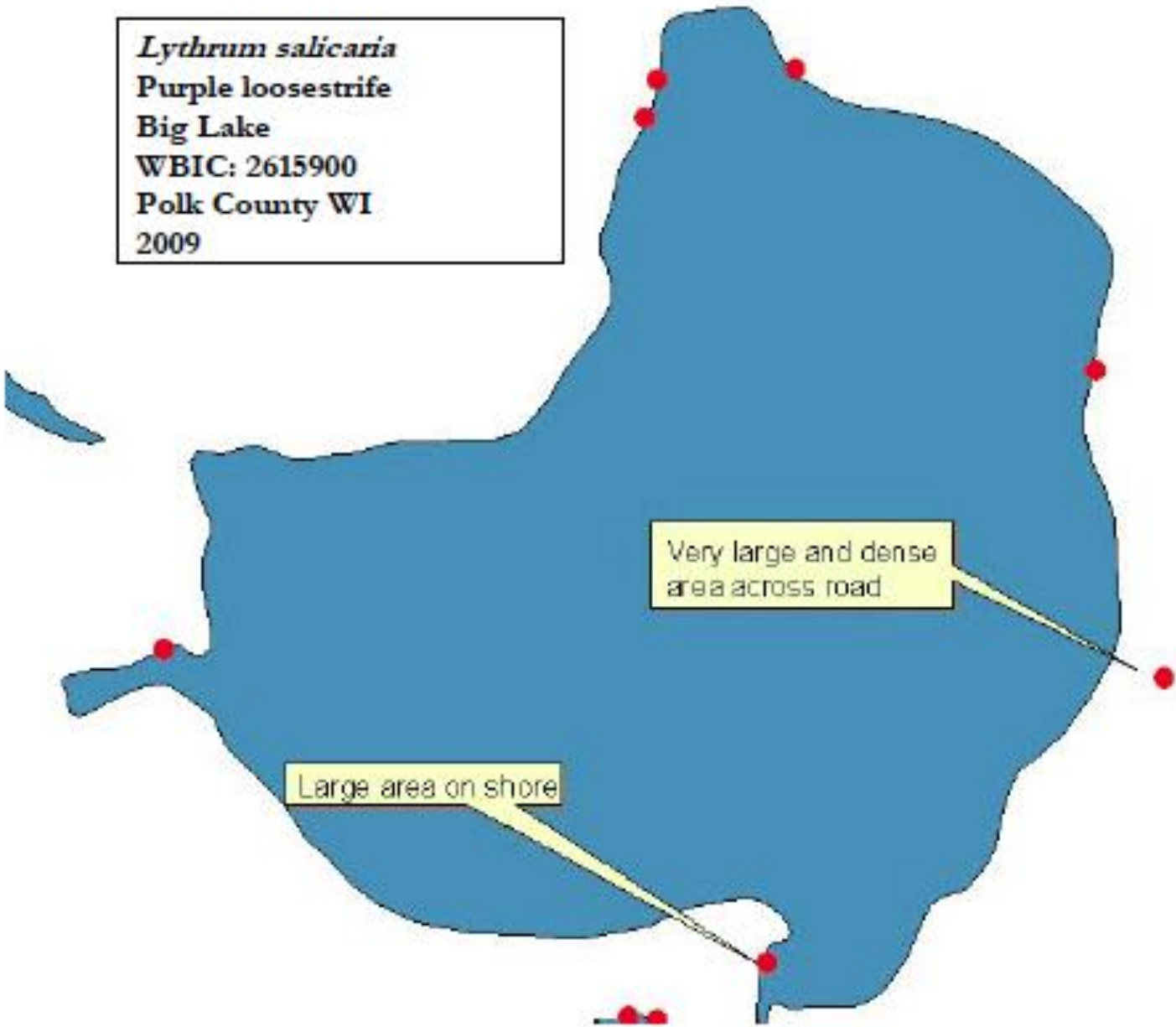
## Preliminary

The survey has been completed but report is not done. However, I can tell you that treatment was again successful. There were a few more points with CLP than last year, but still a major reduction from what was present this spring. I should have your report done in a few weeks. I did send Cheryl and Dale good news right after survey, but must have left you off the cc (sorry).

Typically we want successful treatments for a minimum of three years before we feel we have a leg up on the plant. The turion analysis (reproductive structure which gives rise to next years growth) has shown another year of reduction, indicating growth should be less next spring from this past spring. All positive news.

Take care,  
Steve

*Lythrum salicaria*  
Purple loosestrife  
Big Lake  
WBIC: 2615900  
Polk County WI  
2009



Control

Very large and dense area across road

Large area on shore





# Volunteers Needed for 2013

Control

## 'Operation Beetle' project to battle invasive plant

To help eradicate an invasive plant species called Purple Loosestrife, the Lake District of Churchpine, Round and Big Lakes recently partnered with the Wisconsin DNR and Meyer Middle School of Riverfalls Wisconsin on a project called 'Operation Beetle.'

River Falls Meyer Elementary school science teacher, Karen Ye was contacted by Bruce Balck a resident of Churchpine lake and member of the lake district's aquatic plant committee about the possibility of this project. Balck said that "Ms. Ye immediately volunteered because this project paralleled her lesson plan objectives that she teaches as a part of her science curriculum". In mid-April the Purple Loosestrife root balls and beetles were obtained and were raised in the school's greenhouse by Karen's students.

The beetles called *Galerucella* were obtained from Brock Woods of the Wisconsin Department of Natural Resources (DNR). Karen said that "Brock has been an incredible resource on this project from providing the



Lake residents Gary Ovick, David Zanick, Bruce Black and Meyer Elementary teacher Karen Ye. Submitted photo

beetles and netting as well as providing a wealth of educational materials."

Purple loosestrife is an aggressive perennial plant of European

and Asian origin found in 47 states of the the United States and is commonly found along marshy areas and shorelines. Purple loosestrife is a significant

problem because it displaces native wetland plants and can become the dominant plant, thereby reducing plant diversity and changing the ecosystem of a

wetland. A single purple loosestrife plant with multiple stems can produce up to two million seeds that are easily dispersed along rivers and waterways.

The leaf-feeding beetles reduce the growth and reproduction of purple loosestrife. The adult beetles feed on the leaves of purple loosestrife and lay their eggs. Once the eggs have hatched, the larvae feed on the leaves and stems as they move down into the soil. The larvae cause the most damage to the plant and reduce the number of seeds produced.

The beetles feed primarily upon purple loosestrife and either move on or die without the presence of Purple Loosestrife. The beetles were released the first week of June on the north marsh area of Big Lake. "It may take several years for the Loosestrife to be completely eradicated but is well worth the effort" Balck said.

For further information on the use of the biological control of Purple Loosestrife: [http://www.dnr.state.wi.us/org/es/science/publications/ss981\\_2003.htm](http://www.dnr.state.wi.us/org/es/science/publications/ss981_2003.htm)



# Chinese Mystery Snails

[http://www.in.gov/dnr/files/CHINESE\\_MYSTERY\\_SNAIL.pdf](http://www.in.gov/dnr/files/CHINESE_MYSTERY_SNAIL.pdf)

Control







# Chinese Mystery Snails

## *Possible Control Plans*

Control







# Volunteers Needed

Control

- Spotters for CLP
- Spotters for PL
- Eradication for PL
- Beetles for PL



**PLEASE!**

**VOLUNTEERS NEEDED**

**PLEASE!**

CHURCH PINE, ROUND AND BIGLAKE PROTECTION & REHABILITATION DISTRICT

**Volunteer Positions**

**Your Name**

**Telephone #**

**Email**

**Aquatic Plant Management Committee**

Assist in the implementation of the Aquatic Plant Management Plan; Prevent & Control AIS

--	--

--	--

--

# Asian Carp



**Big Lake Carp Dam  
is our protection!**



Prevention

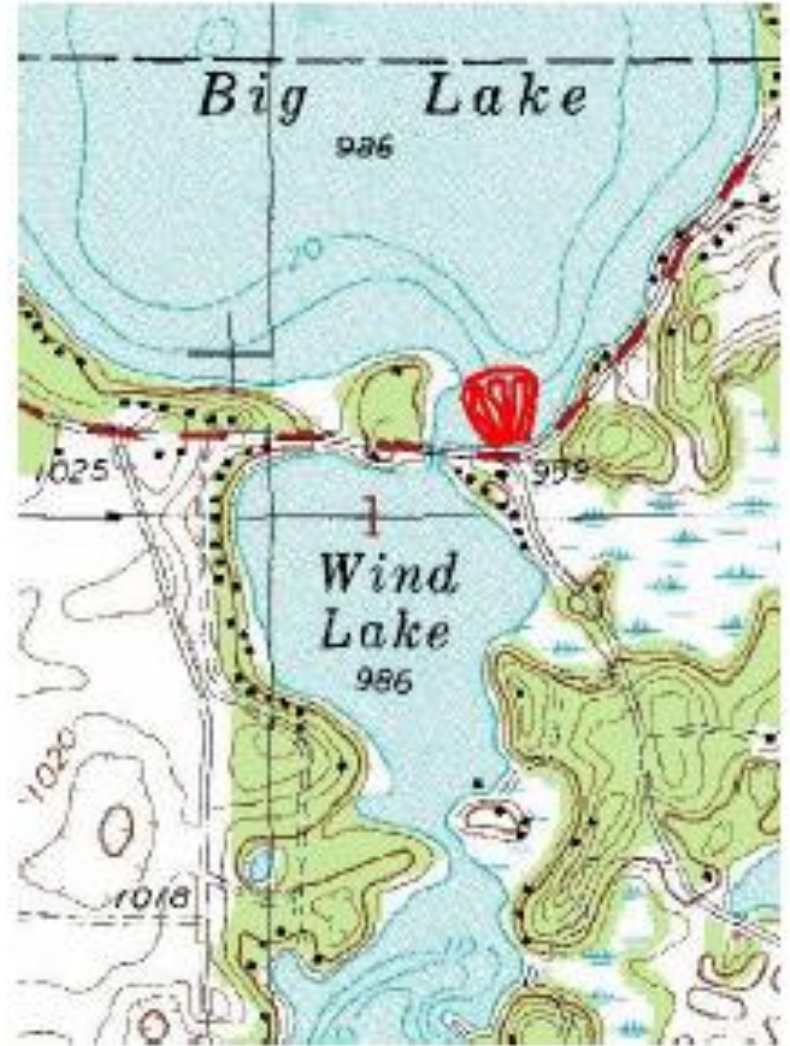






Prevention

# Annual Scuba Survey





# What if you think you found an Aquatic Invasive Species ?

1. Mark the location
2. Bag the sample
  - Do not fragment EWM... it spreads by fragmentation!
3. Contact Lake District EWM ID Volunteers
  - Steve Oswald    (715) 294-3135                      (651) 248-8827 Cell
  - Gary Ovick        (715) 294-3988                      (715) 417-1770 Cell
4. If positive ... The Lake District Board will execute the Rapid Response Protocol per the Aquatic Plant Management Plan





# How to stop invasive species (you're not gonna like it)

By DAVID BELLERT

The recent news about the extent of zebra mussel infestation in Mille Lacs is just the tip of that environmental iceberg. Its impact on the fishery and its economic consequences are yet to be realized. I shudder to imagine this scene playing out in one of our Boundary Waters lakes, like Saganaga, Basswood, Clearwater or any other of the wilderness lakes that allow motor boat access. Is it truly just a matter of time before these lakes also fall victim to infestation? Sadly, it is, given that our current best efforts fall terribly short.

But it doesn't have to be. There is a bold solution yet to be offered. It's a drastic but near-certain prevention, rather than a cure. It will undeniably stop aquatic invasive species from gaining entry into new waters. It is a total ban on outside boats, motors, bait and bait containers on uncontaminated lakes and waterways. It can be achieved through a state-run system of recreational and fishing boat and bait concessions.

Expensive? Impractical? A violation of Minnesotans' precious "right" to boat and fish wherever they please? Maybe so. But which is more precious — our "rights" or our waters? Imagine if such a system had been put in place when the first zebra mussels were found in the Great Lakes.

Can you already hear the outcry from fishermen, boat owners, and boat and motor manufacturers and retailers? Yet they all share in the blame and must also share in the pain of any solution, because without truly drastic action, all of our waterways and 10,000 lakes are in real peril, as is the legacy of fishing that we love and treasure in Minnesota. Not to mention the multimillion-dollar economic benefit.

Not so long ago, it was common for fisherman to drive to a lake and rent a boat. But that was before seemingly everyone owned their boats and discovered their "right" to haul them and the exotic species that inevitably stow away to the lakes of their choosing. These perceived rights are fostered by our hyperindividualistic, have-it-all-and-more culture. (Remember, it was our "right" to import and consume cheap goods that brought these organisms to our shores in the first place.)

I suppose there is another possible fix. That would be to install truly hygienic decontamination equipment at each and every access point on all of our 10,000 lakes — or at least the ones we value enough to protect. But this would be even more expensive and inconvenient, and it would require harsh and environmentally unfriendly chemicals, plus resource-intensive heat, water and run-off treatment, not to mention enforcement, management and infrastructure.

## Only controlled access through concessionaires can halt the spread.

We can't have it both ways — carefree access to our lakes and rivers with private boats, and waters free of exotic species. That has been proven. Even our best and most sincere efforts to do the right thing haven't been enough. Only controlled access through licensed concessionaires can halt the spread of infestation.

It's not simple, either, since it will require a commitment from our neighbor to the north to do the same. And it's a bitter pill to swallow for a liberty-loving people who revel in the wealth of Minnesota's natural treasures, cultural heritage and family traditions. But it's medicine we must take in order to save what remains, or we'll risk losing it all.

David Bellert lives in Minnetonka.

Control



# APMP Implementation Summary

## Control

- CLP treatment is underway and working
- Purple Loosestrife treatment is underway & working

## Prevention

- Clean Boats Clean Waters education is working
- Scuba Diver Surveys
- Volunteer Spotters
- AIS Rapid Response Plan
- Carp Dam
- Steve Oswald's education on aquatic plant species

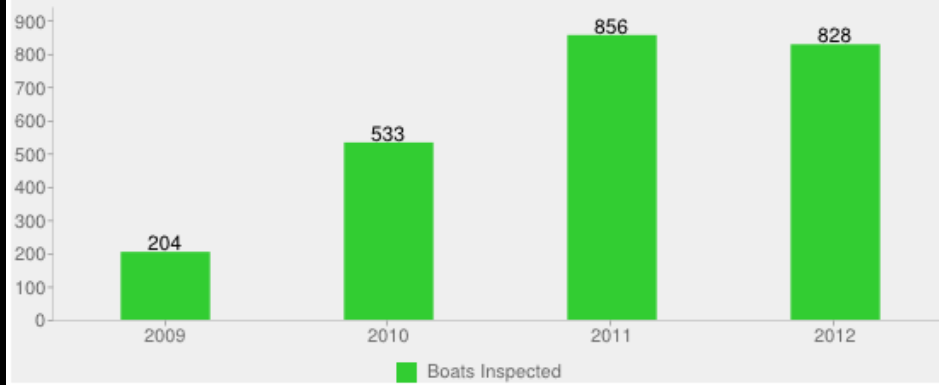


**By Heidi Hazzard**

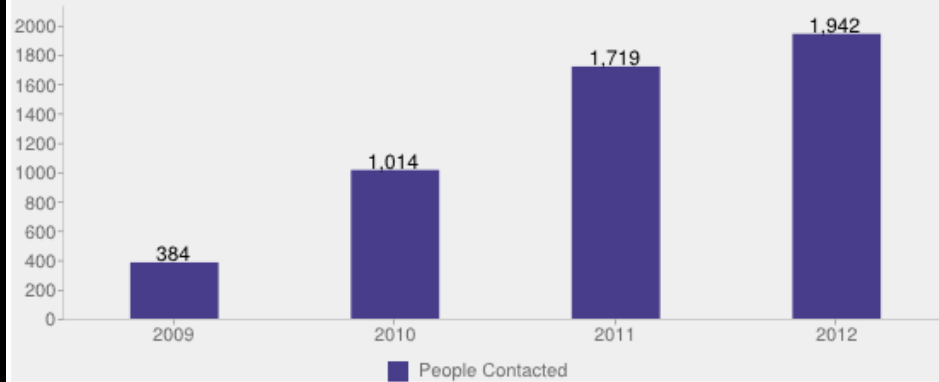


# Church Pine & Big Lake Landings

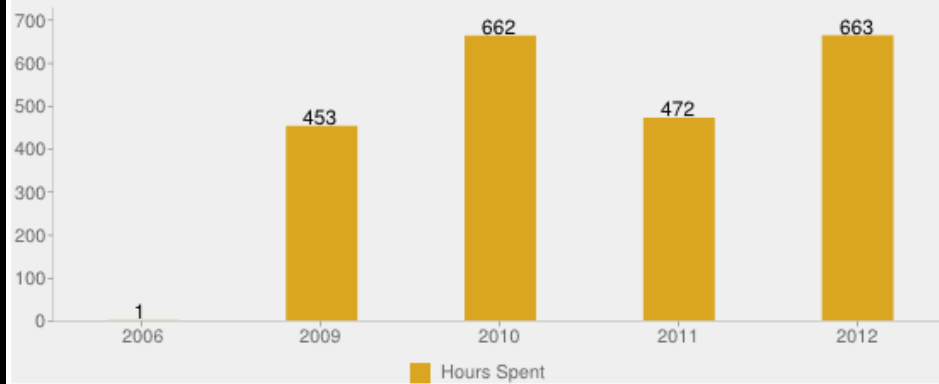
## Boats Inspected



## People Contacted

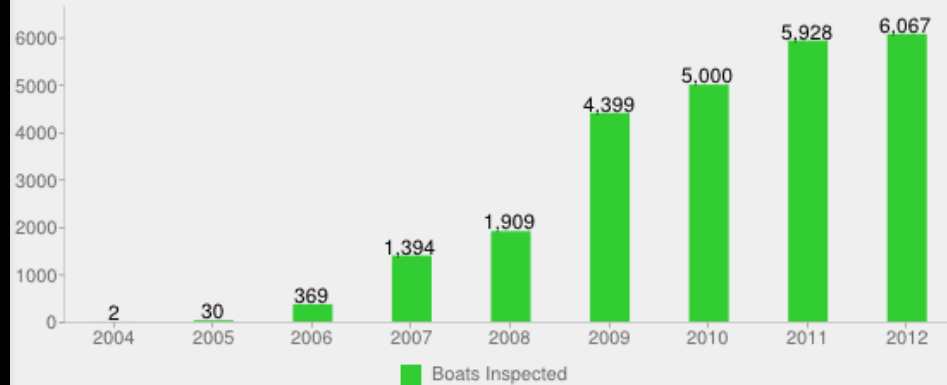


## Hours Spent

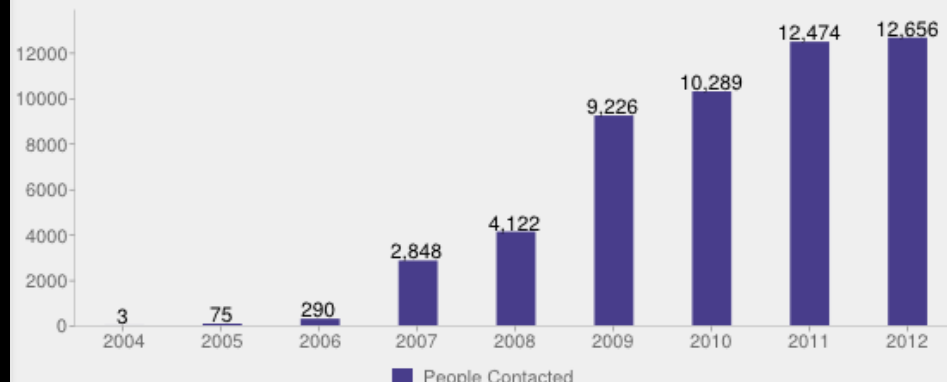


# All Polk County Landings

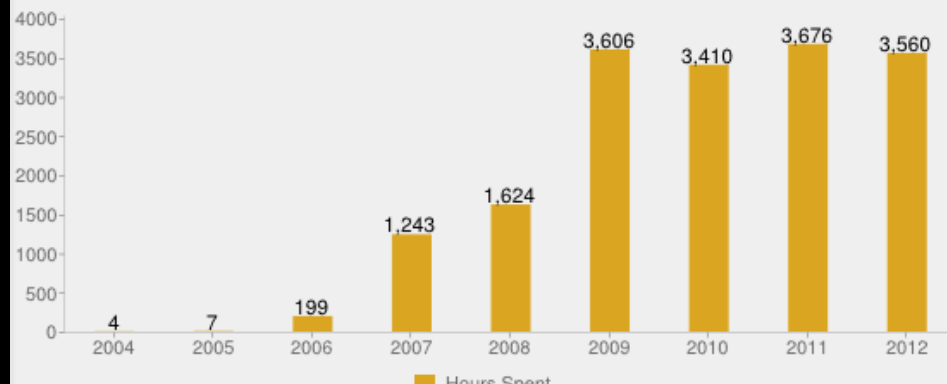
## Boats Inspected



## People Contacted

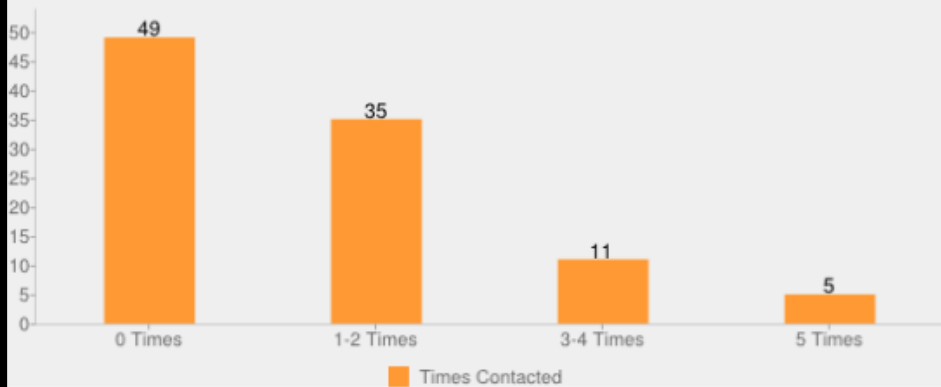


## Hours Spent

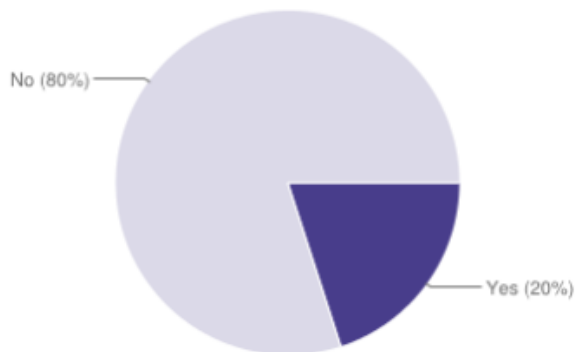


# Church Pine & Big Lake Landings

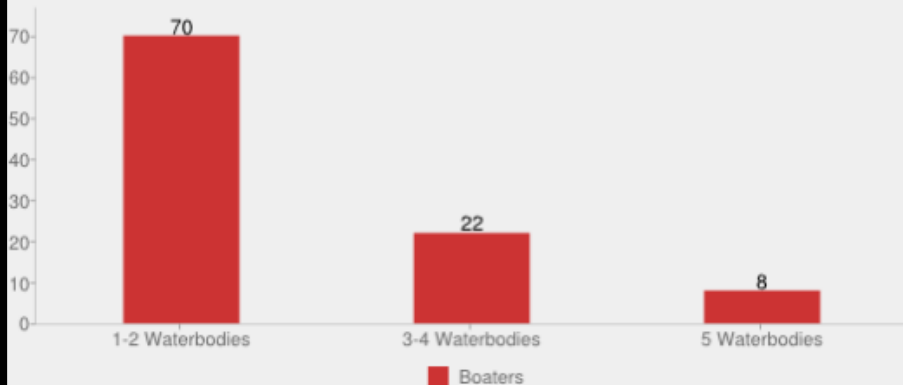
Times Contacted (2012)



Boat Used During Past 5 Days On Different Waterbody? (2010-2012)

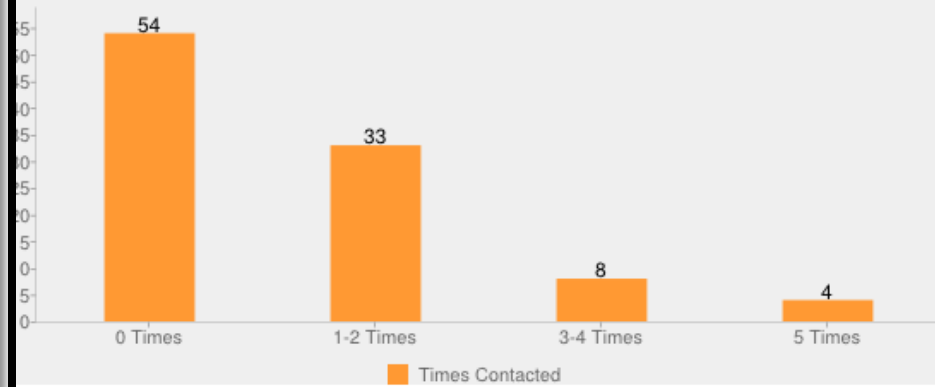


Waterbodies Visited (2012)

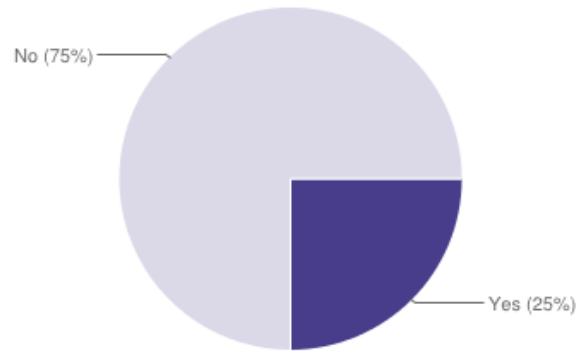


# All Polk County Landings

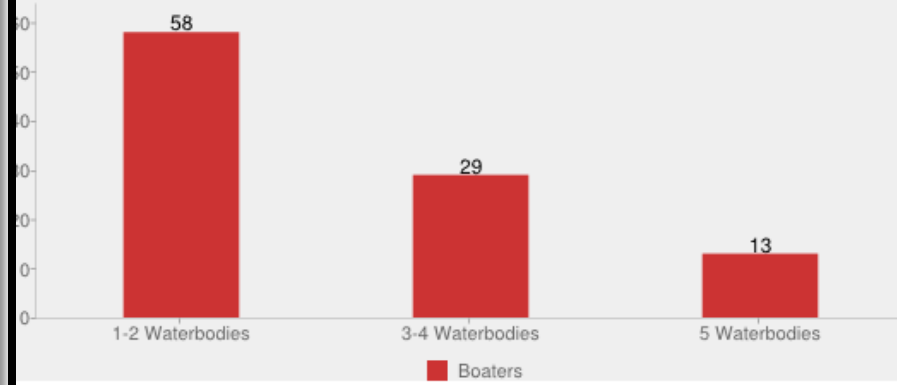
Times Contacted (2012)



Boat Used During Past 5 Days On Different Waterbody? (2010-2012)

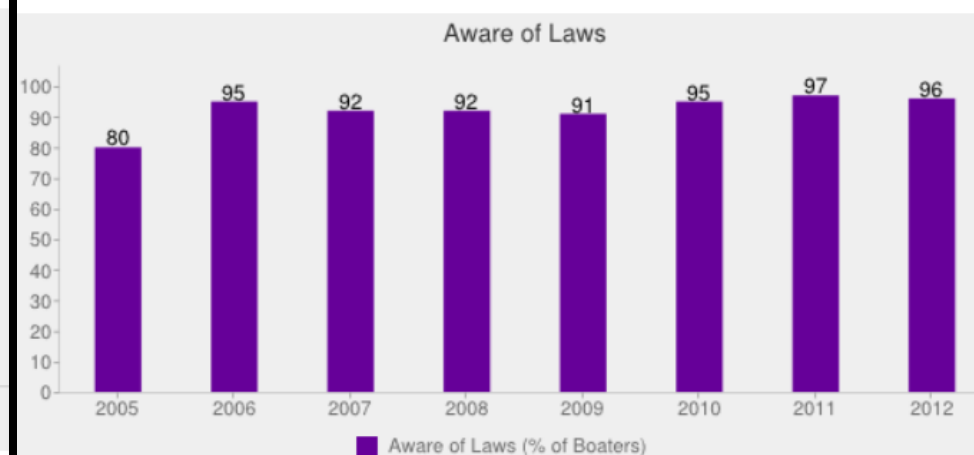
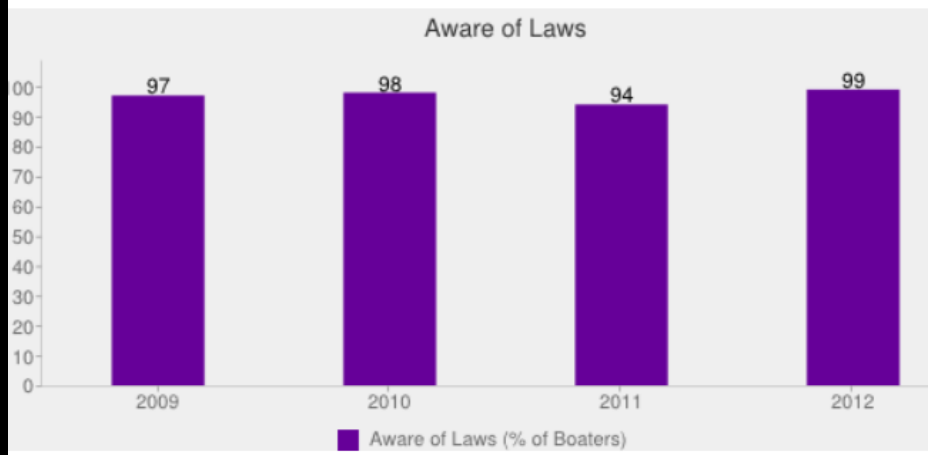
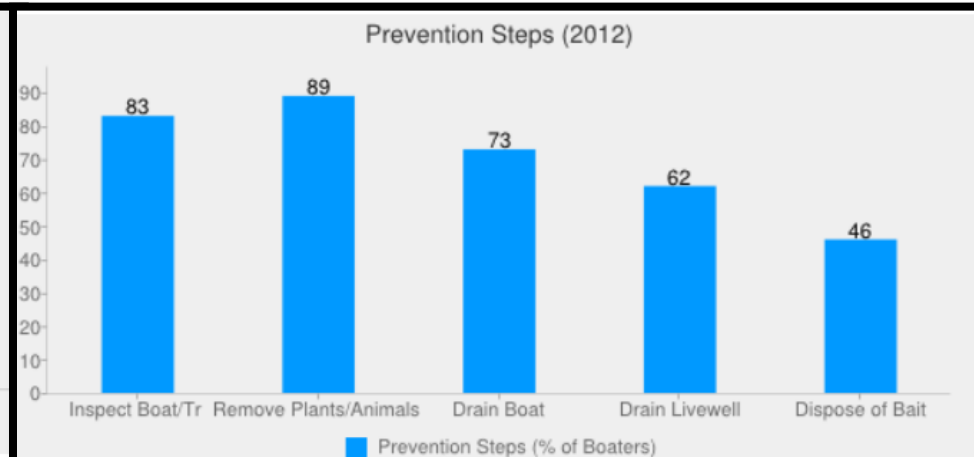
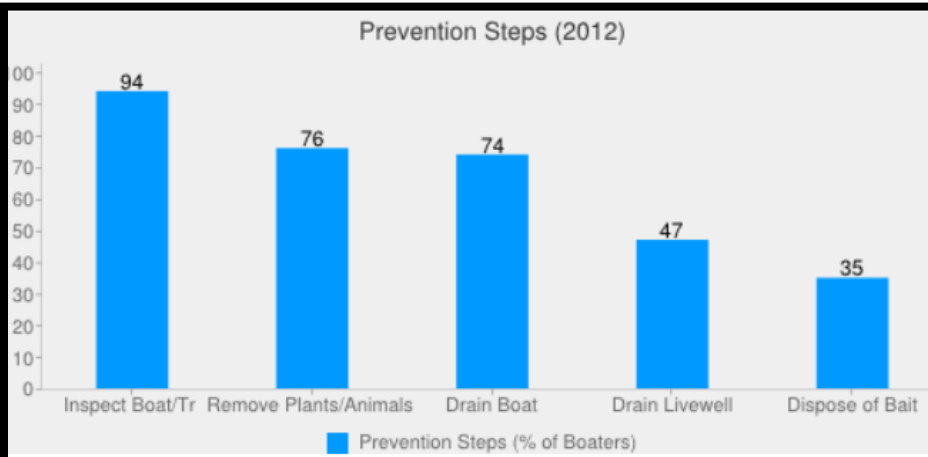


Waterbodies Visited (2012)

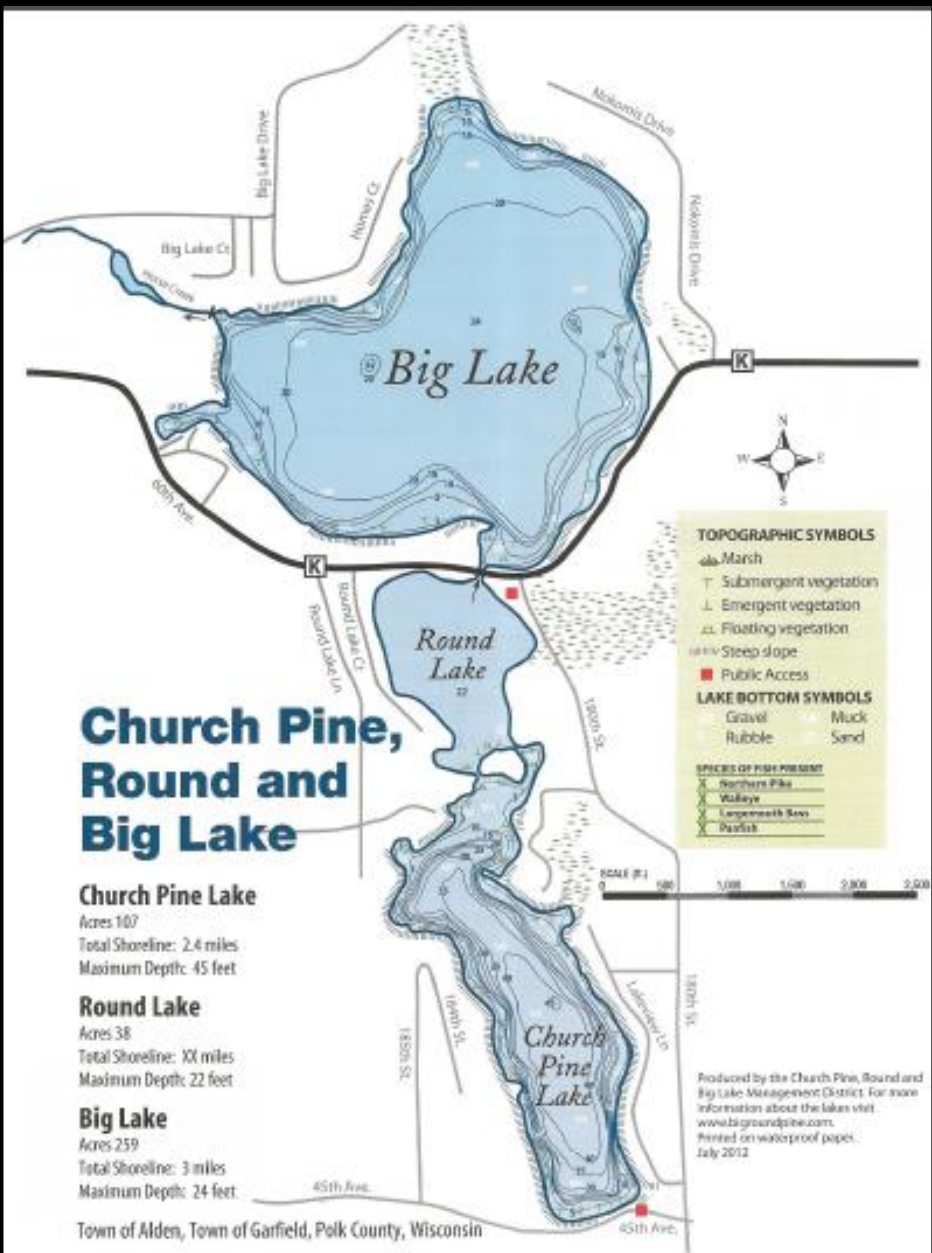


# Church Pine & Big Lake Landings

# All Polk County Landings

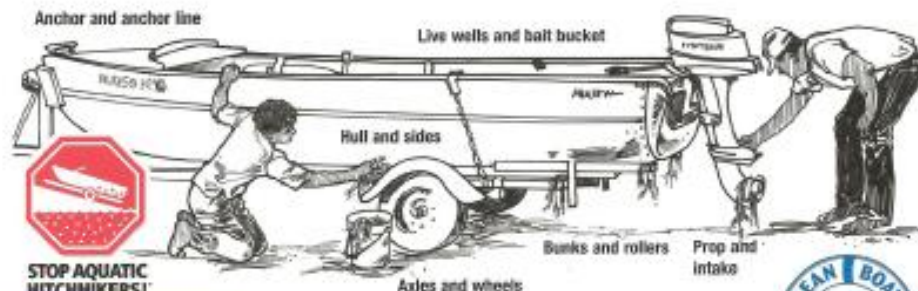


# New CBCW Waterproof Handout



## Stop aquatic hitchhikers...

Clean your boat and equipment to prevent the spread of invasive species!



In Wisconsin it's the law... failure to follow these steps can lead to fines up to \$2000.

Aquatic invasive plants and animals like Eurasian water milfoil, Curly leaf pondweed, rusty crayfish, and zebra mussels are easily transported by boats and equipment as boaters travel from one lake to another. The fish disease Viral Hemorrhagic Septicemia (VHS) is easily spread when fish are transported from one waterbody to another.

It is important for all of us to follow these preventative steps for all water activities, not just boating and fishing. These activities include:

- Using personal watercraft
- Shore and fly-fishing
- Sailing
- Scuba diving
- Waterfowl hunting

**Be diligent!** Even small fragments, roots or seeds transported by your boat can grow and infest another lake.

## Before you leave a body of water:

- **Inspect** boats, trailers, and equipment.
- **Remove** all attached aquatic plants, animals, and mud before launching and before leaving the water access.
- **Drain** all water from boat, motor, bilge, live wells, bait containers and equipment before leaving the water access.
- **Never move** plants, live fish, bait, or fish eggs away from a water body.
- **Buy** minnows from a Wisconsin licensed bait dealer.
- **Dispose** of unwanted bait in the trash, not in the water or on land.

### Additional steps

- Spray, rinse, or dry your boat and equipment to remove or kill species not visible. Spray/rinse with hot or high pressure water OR dry your boat for 5 days before entering another lake or river.
- Disinfect boats and equipment to kill species and fish diseases using a mixture of two tablespoons of household bleach to one gallon of water.

\*State of Wisconsin: Section 30.715 WI Act 16 prohibits launching a boat or placing a boat or trailer in navigable waters if it has aquatic plants or animals attached.

\*Polk County Ordinance 29-11: prohibits launching or operating on a public roadway any boat, boat trailer, or hunting, trapping, fishing, or boating equipment, including canoes, kites, anchors, nets, decoys, and waders if aquatic plants or invasive animals are attached.

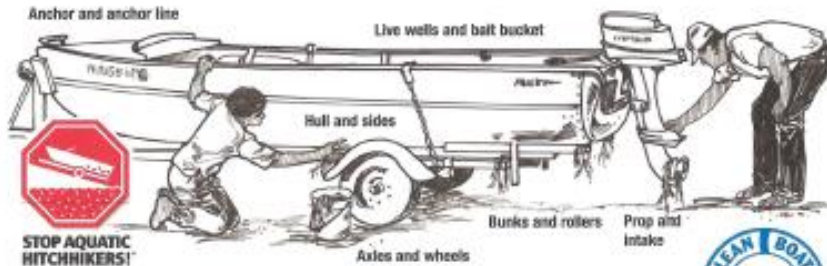
**Polk County Sheriff**  
715-485-8300  
(non emergency)  
**EMERGENCY DIAL 911**



# CBCW Inspector Handout

## Stop aquatic hitchhikers...

Clean your boat and equipment to prevent the spread of invasive species!



In Wisconsin it's the law\*... failure to follow these steps can lead to fines up to \$2000.

Aquatic invasive plants and animals like Eurasian water milfoil, Curly leaf pondweed, rusty crayfish, and zebra mussels are easily transported by boats and equipment as boaters travel from one lake to another. The fish disease Viral Hemorrhagic Septicemia (VHS) is easily spread when fish are transported from one waterbody to another.

It is important for all of us to follow these preventative steps for all water activities, not just boating and fishing. These activities include:

- Using personal watercraft
- Shore and fly-fishing
- Sailing
- Scuba diving
- Waterfowl hunting

Be diligent! Even small fragments, roots or seeds transported by your boat can grow and infest another lake.

### Before you leave a body of water:

- **Inspect** boats, trailers, and equipment.
- **Remove** all attached aquatic plants, animals, and mud before launching and before leaving the water access.
- **Drain** all water from boat, motor, bilge, live wells, bait containers and equipment before leaving the water access.
- **Never move** plants, live fish, bait, or fish eggs away from a water body.
- **Buy** minnows from a Wisconsin licensed bait dealer.
- **Dispose** of unwanted bait in the trash, not in the water or on land.

### Additional steps

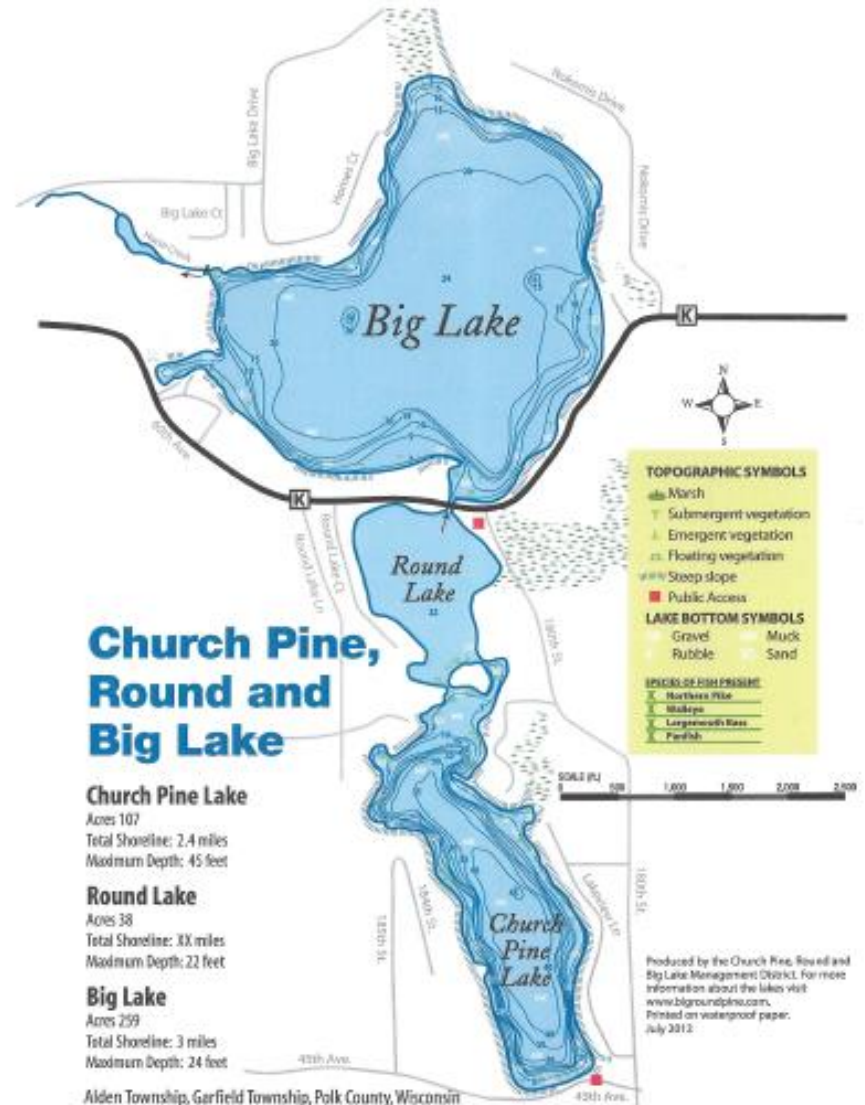
- Spray, rinse, or dry your boat and equipment to remove or kill species not visible. Spray/rinse with hot or high pressure water OR dry your boat for 5 days before entering another lake or river.
- Disinfect boats and equipment to kill species and fish diseases using a mixture of two tablespoons of household bleach to one gallon of water.

\*State of Wisconsin: Section 30.715 Wis Act 16 prohibits launching a boat or placing a boat or trailer in navigable waters if it has aquatic plants or animals attached.

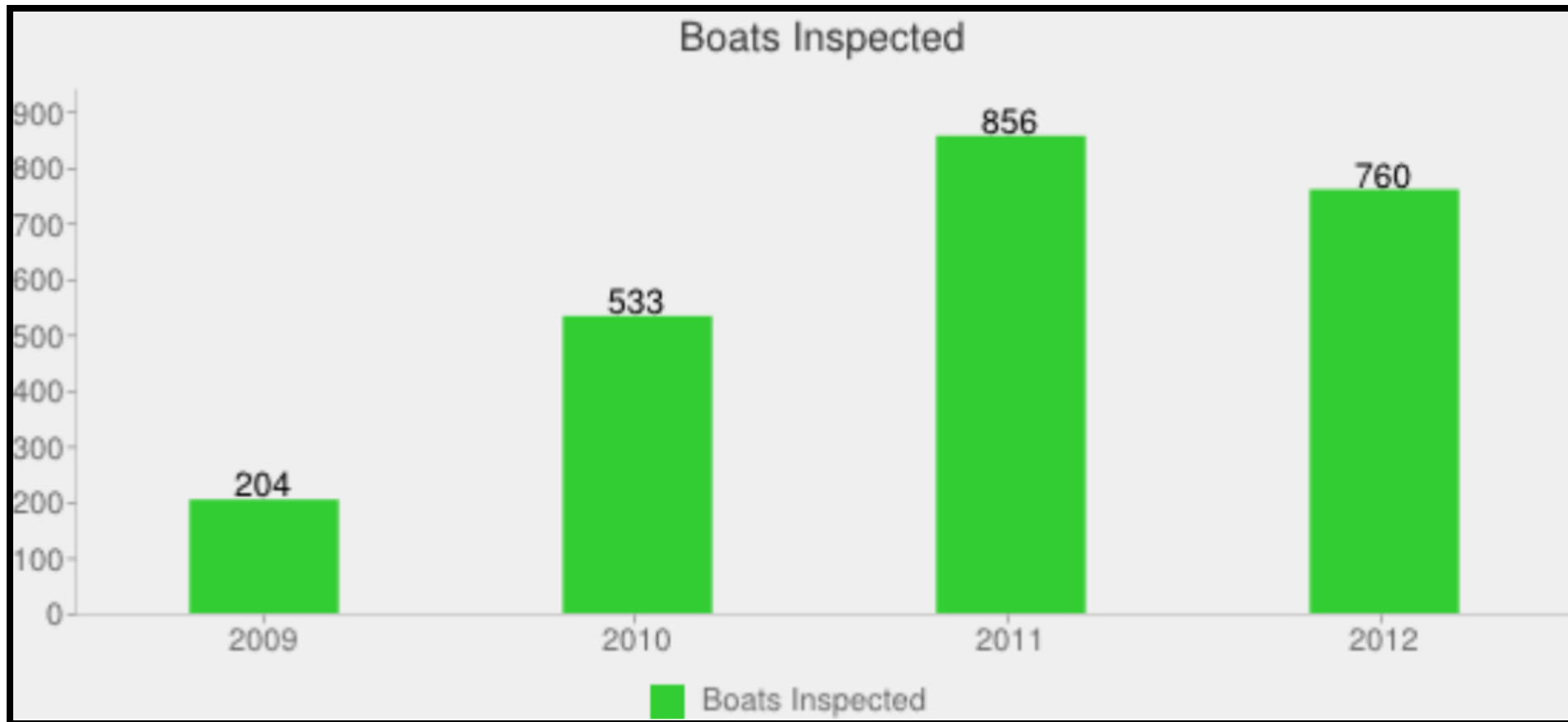
\*Polk County Ordinance 20-11: prohibits launching or operating on a public roadway any boat, boat trailer, or hunting, trapping, fishing, or boating equipment, including canoes, fins, anchors, nets, decoys, and waders if aquatic plants or invasive animals are attached.

**Polk County Sheriff**  
715-485-8300  
(non emergency)  
**EMERGENCY DIAL 911**

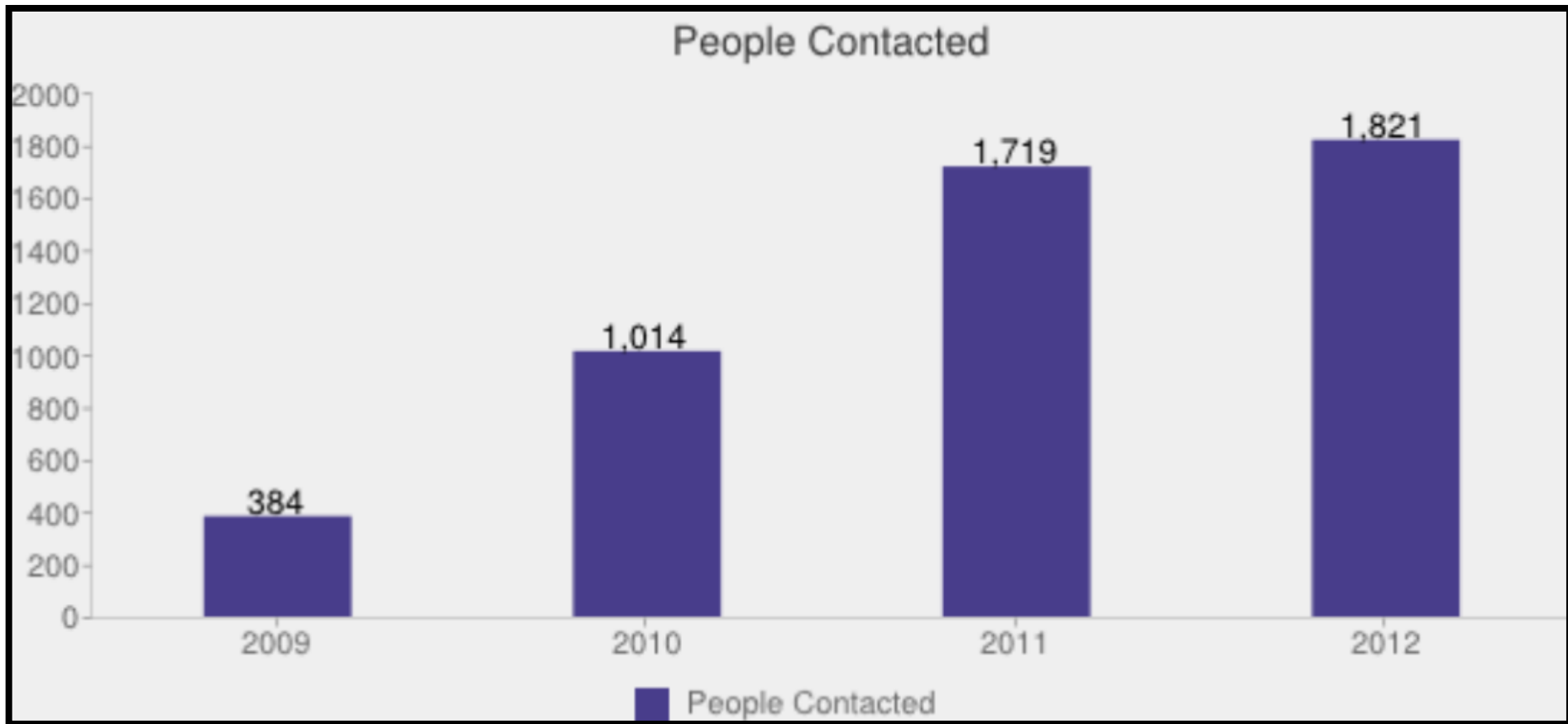
Source: Wisconsin Department of Natural Resources. For more information check these sources: DNR.WI.GOV search "Aquatic Invasives", WWW.WSPR.EDU/CNR/UM/LAKES, WWW.SEAGRANT.WISC.EDU, WWW.PROTECTYOURWATERS.NET



# Clean Boats Clean Waters

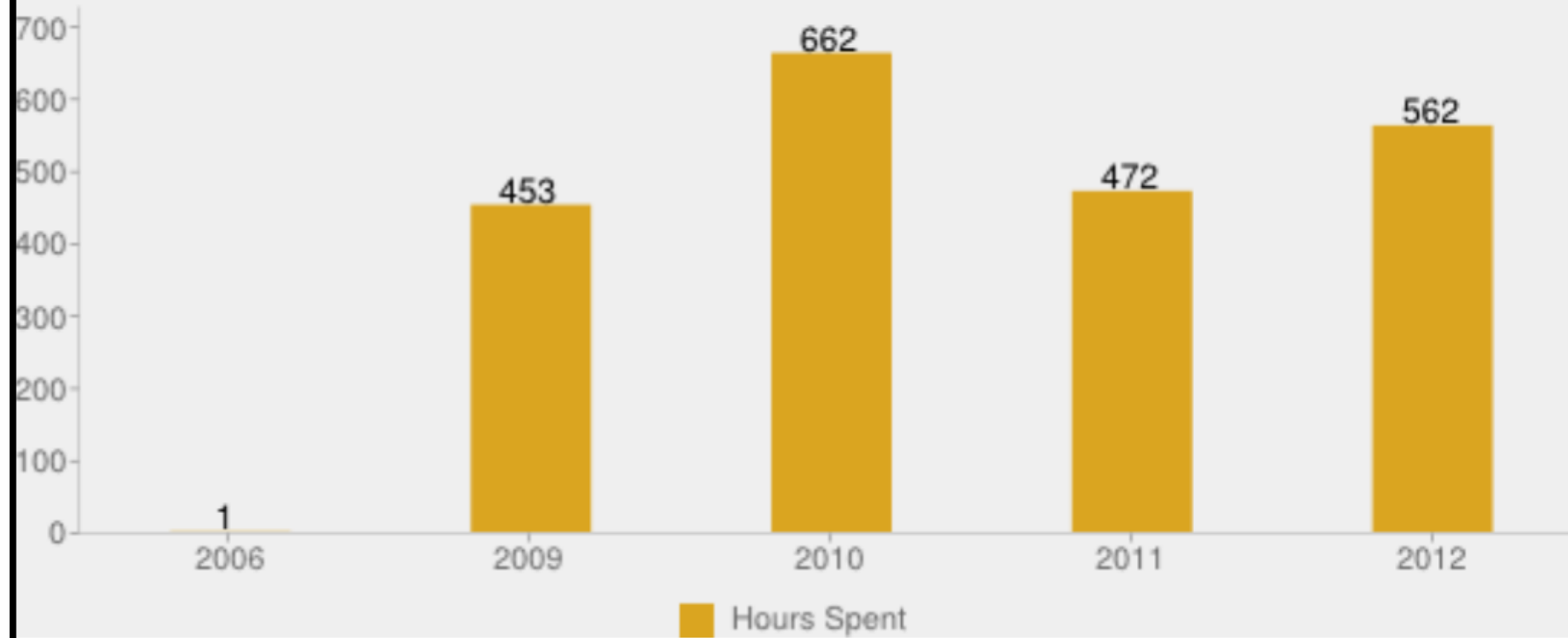


# Clean Boats Clean Waters



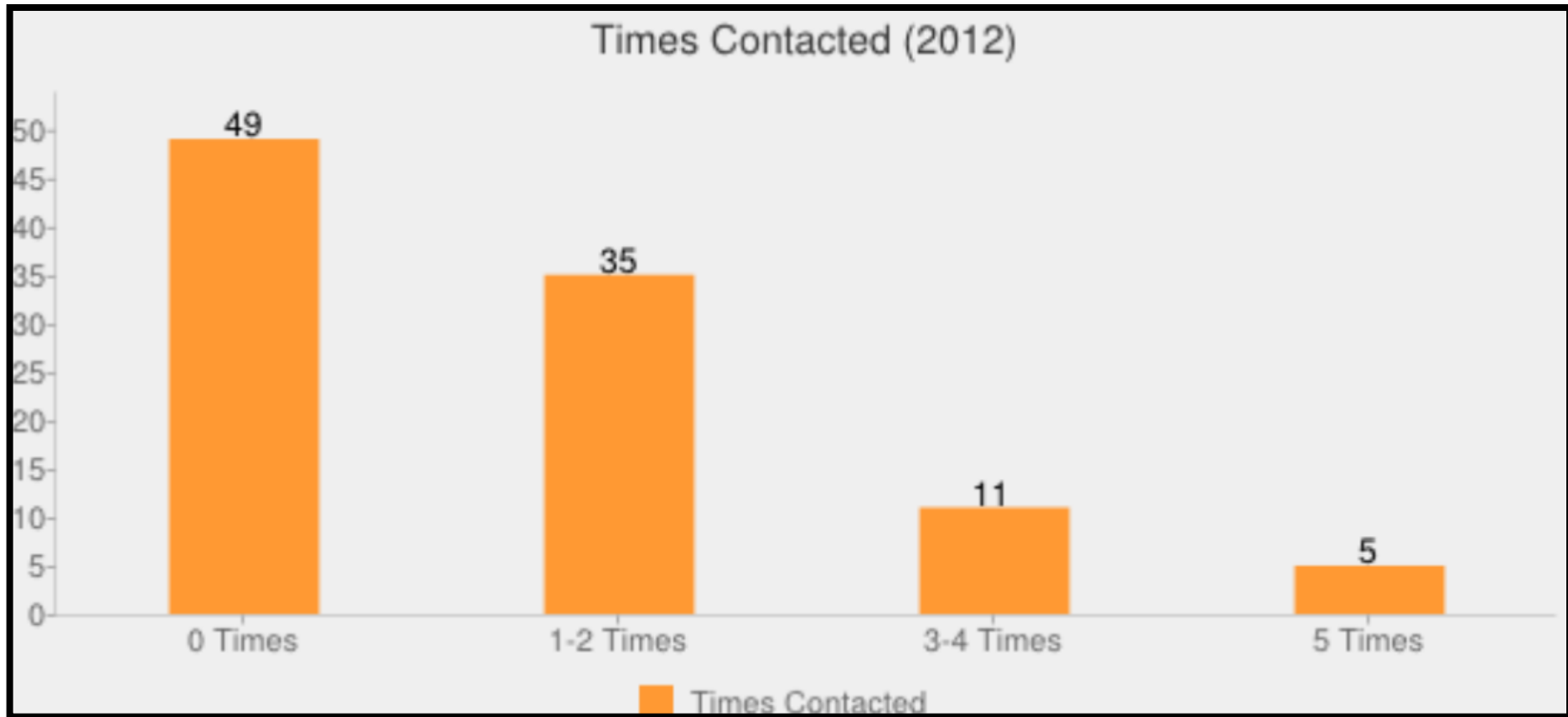
# Clean Boats Clean Waters

Hours Spent



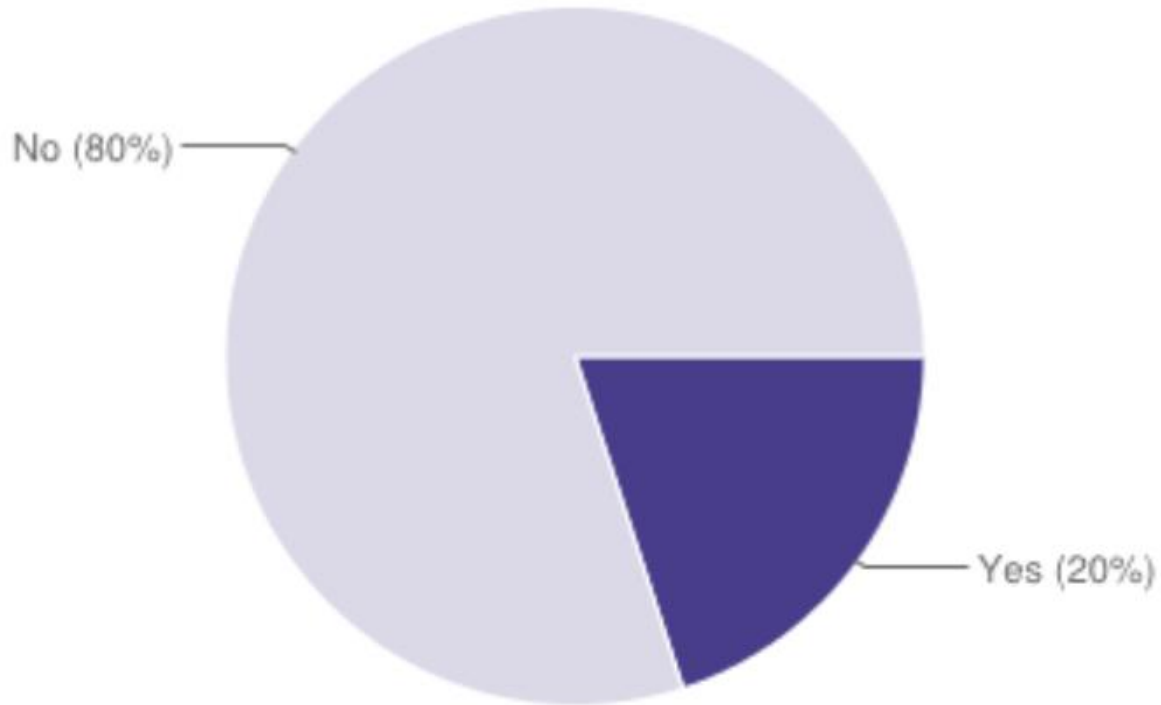


# Clean Boats Clean Waters



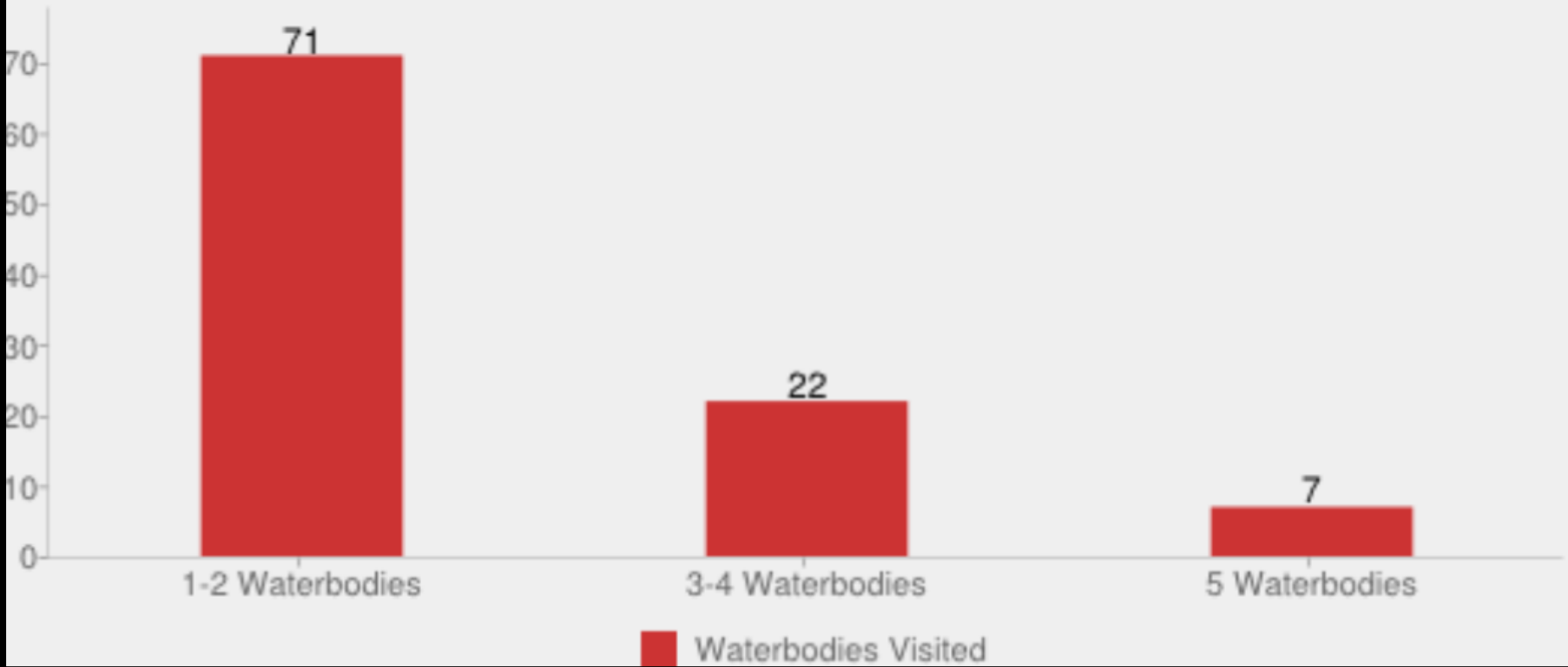
# Clean Boats Clean Waters

Boat Used During Past 5 Days On Different Waterbody? (2010-2012)



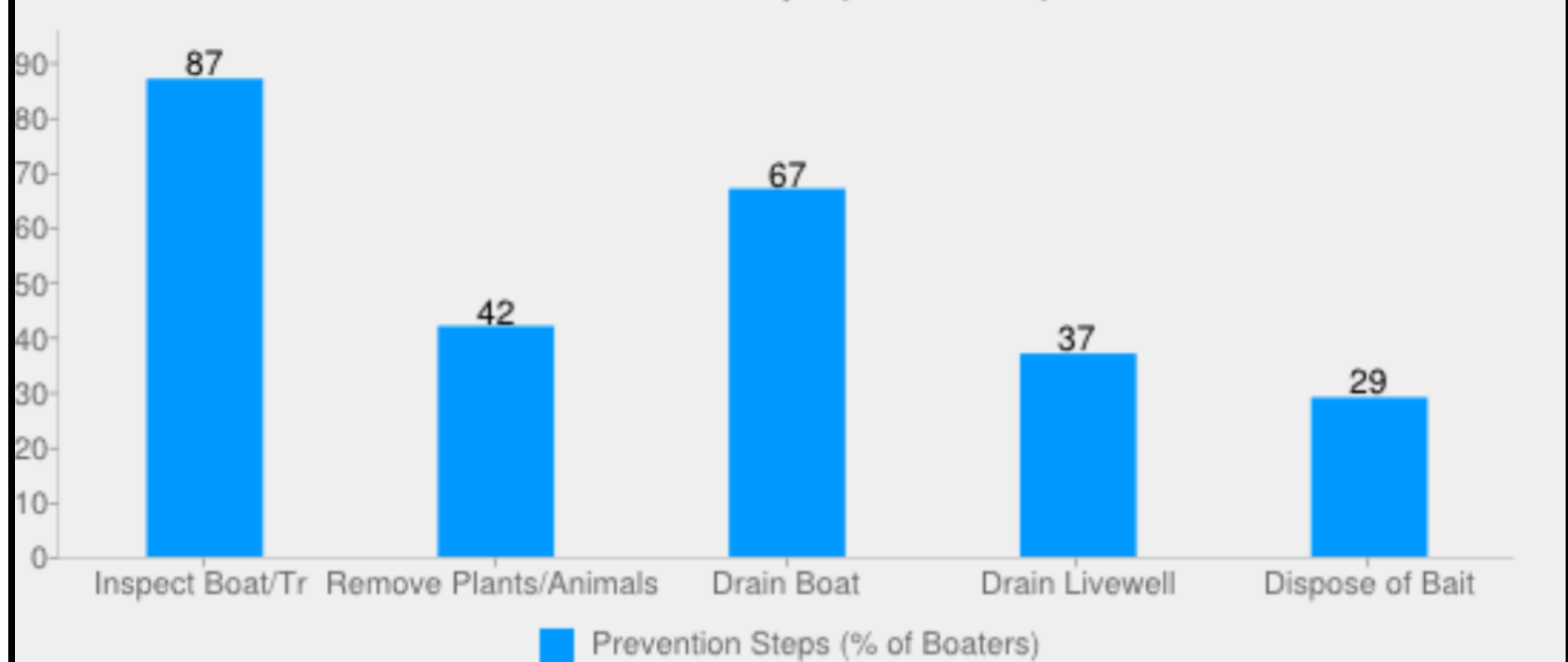
# Clean Boats Clean Waters

Waterbodies Visited (2012)



# Clean Boats Clean Waters

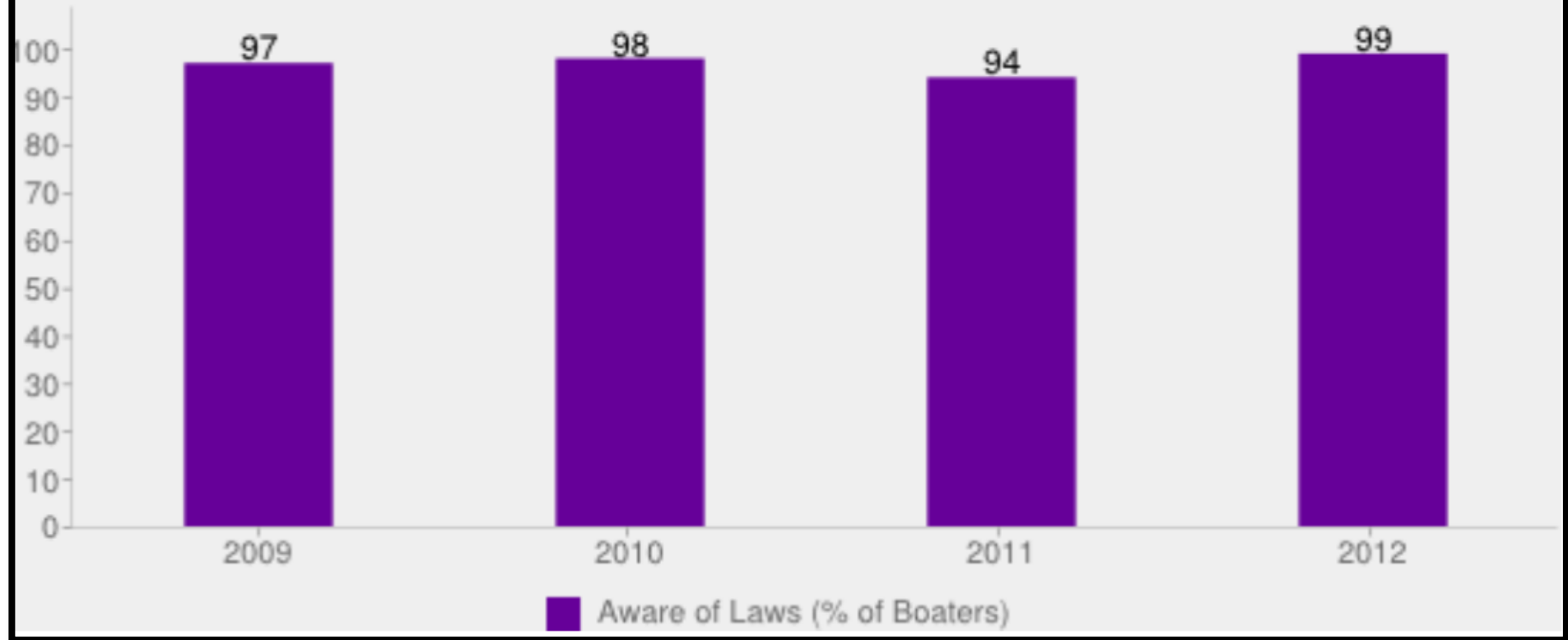
Prevention Steps (2010-2012)





# Clean Boats Clean Waters

Aware of Laws



# Clean Boats Clean Waters

CBCW Inspector needed to review camera videos for boats and trailers carrying AIS.

- Needs computer with internet access.
- Contact, Heidi Hazzard





# Dam Inspection Committee

By Steve Oswald



## ALGAE PRESENTATION

### URGENT: PUBLIC SERVICE ANNOUNCEMENT

#### "HARMFUL ALGAE BLOOMS IN WISCONSIN WATERS"

What are Blue-Green Algae?

Photosynthetic Bacteria. (CYANOBACTERIA)



The Blue/Green Algae (noted by it's pond scummy blue/green characteristics) can be toxic to both you and your PETS. Algae produces toxins as a Defense System.

The Blue Green Algae is native to *EVERY LAKE IN WISCONSIN.*

BOUYANCY: They regulate Position up or down in the lake.

DANGER: Some strains are toxic, and some are not. Some algae blooms have caused **DOG DEATHS and HUMAN SICKNESS.**





# The Wisconsin DNR

Estimates

(through fish sampling)

that there are

**FIVE MILLION POUNDS**

**OF CARP**

**IN CEDAR LAKE**

THE ONLY THING

KEEPING THEM FROM

**BIG LAKE**

IS OUR

MILL POND DAM











# Big Lake's Two Dams





# Daily Maintenance

A special thanks!!  
to  
the Brad Anfinson family  
for  
keeping the upper dam clear  
of debris



# Dams Committee Meeting

## Volunteers Wanted

Meeting Date: Saturday, May 25<sup>th</sup>, 3 pm

Location: Upper Dam

Agenda:

- Engineering Survey Requirements
- Identifying Qualified Companies
- Requesting Bids Process
- Expanded Scope Potential
- Presentation to Board

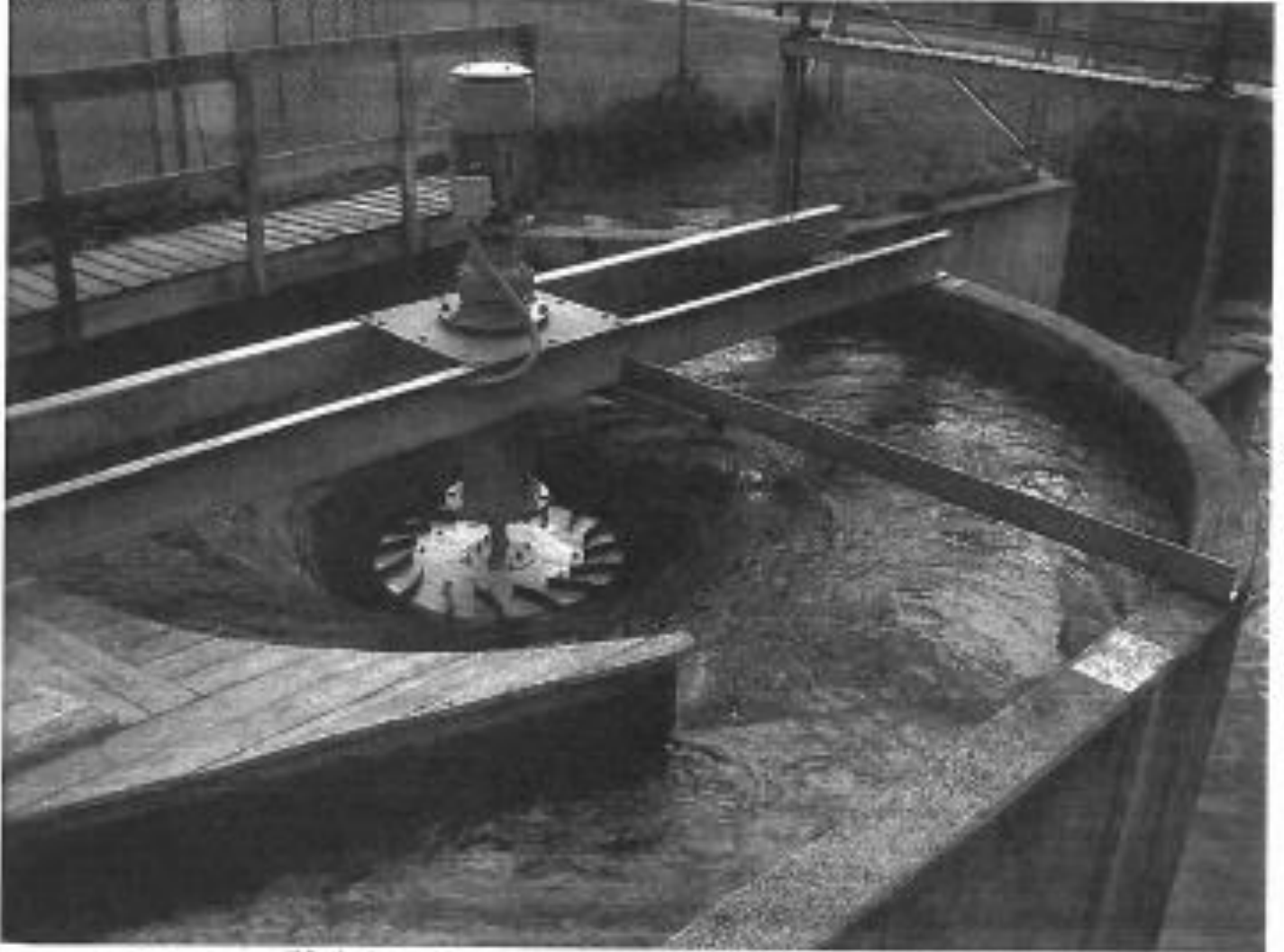




# What the future may hold?

**File:Gravitationswasserwirbelkraftwerk mit Zotlöterer Turbine in Obergrafendorf (AUSTRIA).jpg**

From Wikipedia, the free encyclopedia







# THE HISTORY OF THE BIG LAKE OUTLET AND MILL POND DAMS

UPDATED MARCH, 2012

## 1883: ORIGINAL CONSTRUCTION OF MILL POND DAM AND BIG LAKE OUTLET

Both wooden structured with a waterwheel at the Mill Pond (Wier) Dam. Approximate head was 15 to 17.5 feet. It was used to generate mechanical power to run a Grist Mill. Upper outlet was constructed lowering the level of the natural outlet (dredging) and a wooden spillway was built to control the water level to the mill pond to provide a steady flow of mechanical power. Maximum outlet height was 96.80 feet (PSC datum). Normal Big Lake levels established at 95.35 and 96.33 feet. Research has determined that lake levels were to be regulated by the Railroad Commission of Wisconsin per Treaty(ies) with the Native Americans.





- 1924: MILL POND DAM CEASED TO BE USED FOR POWER GENERATION
- 1924: OWNER OF MILL POND RE-BUILDS OUTLET  
Water level controlled by wooden flume.
- 1938: SECOND MILL POND DAM BUILT  
Project of the Polk County Sportsman's Club. The purpose was for a fish rearing pond within the ¼ mile area formerly occupied by the mill pond.  
Is there any fish releases currently within the Mill Pond?
- 1938: SECOND BIG LAKE OUTLET SPILLWAY CONSTRUCTED.  
Also a project of the Sportsman's Club. Concrete construction, adjustable.
- 1940: PUBLIC SERVICE COMMISSION ORDERS DAM ALTERED, MINIMUM AND MAXIMUM HEIGHTS RECORDED  
Public Service Commission records normal lake levels of Big Lake to be between 95.35 feet and 96.33 feet. PSC orders lake levels to be no higher than 94.46 feet. PSC orders outlet dam width to 10 feet.
- 1952: PUBLIC SERVICE COMMISSION ORDERS NEW MIN & MAX LEVELS  
The PSC issues new high water level to be 96.5 feet. Minimum level to be 95.5 feet. With a maximum level to be held at 96.0 feet until spillway was enlarged to meet 10 foot requirement.
- 1956: NORTH LANDS DEVELOPED  
Public road now encompasses the Big Lake Outlet's north side. The current Big Lake Outlet spillway is approximately 20 feet west of the north corner of the 60 foot public road. (Map).
- 1962: PUBLIC SERVICE COMMISSION RECOMMENDS RE-CONSTRUCTION OF BIG LAKE OUTLET  
Recommended construction of a new dam with a spillway of 10 feet wide and a spillway elevation of 95.50 feet. Please reference Navigatibile Waterways and spillway width-minimum laws...
- 1967: NEW DAM OUTLET CONSTRUCTED  
Spillway was changed to 10 feet wide and a spillway elevation of 96.47 Feet. Spillway elevation was constructed at an elevation 0.97 ft.; (1) foot above the recommendation of the PSC.
- 1967: PSC BECOMES DNR
- 1968: PUBLIC DISPUTE – COURT CASE FILED TO RAISE AND ENLARGE OUTLET SPILLWAY (July 10, 1968)  
Case stayed as no ownership was established.



1968: DEED TRANSFER OF BIG LAKE OUTLET FROM PRIVATE PARTY TO TOWN OF GARFIELD  
Lands owned by private parties at Big Lake Outlet now all owned by Town of Garfield. (July 11, 1968). **Unknown is when DNR received Easement Rights to the property South of the Big Lake Spillway (Map).**

1968: TOWN OF GARFIELD CONTINUES COURT DISPUTE (1968 Case)  
August 14, 1969. Town of Garfield joins dispute. On October 16<sup>th</sup> 1969: Change requested based on a previous **Order** which established a maximum and minimum levels in 2-WP-469, and 2-WP-870 (which is about the same as the ordinary high watermark), since flowage rights existed only up to that level. Flowage rights established through the Railroad Commission of Wisconsin. **No document or date on file.**  
Request is for 1 foot above previous high water mark. Existing level is at 1' above mark with **no flowage rights** to be requested beyond the existing request.

1970: FINDING OF FACT AND ORDER – BEFORE THE DNR  
Much of the information within this History prior to 1970 is contained in this Document dated 2/26/1970.

1980: WISCONSIN DNR INSPECTION REPORT OF MILL POND DAM  
Dam washed out in late March, 1980. Inspection of washed out mill pond dam was on September 2, 1980. First note filed that the mill pond dam acts as a carp barrier (invasive species).

1982: LAKES DISTRICT IS FORMED – INCLUDES SANITARY DISTRICT (?)  
**No solid documents in Dams file...**

1984: INVESTIGATION BY DISTRICT BOARD FOR RE-CONSTRUCTION OF WASHED OUT DAM AT MILL POND AS BARRIER TO INVASIVE SPECIES  
**Mentioned, need Reference Doc.**

1985: PERMIT FOR MILL POND DAM CONSTRUCTION SUBMITTED  
On November 1, 1985 the DNR received the Permit Application to re-construct the mill pond dam.

1985: MILL POND DAM SITE IS ACQUIRED BY LAKE DISTRICT  
On September 6, 1985, the land at the dam site was Quit Claimed to the District. (including an easement to town road).

1986: THIRD MILL POND DAM BUILT  
Starting in June, 1986, construction of the the mill pond dam began. This structure was to be an earthen dam. **(Photos)**





1990: LAWSUIT OVER LAKE LEVELS AND BOARDS IN OUTLET

On January 26, 1990, the DNR corresponds with E. A. Needels Stating that any time a plank is in the outlet mouth, the lake would be above its authorized level: (426-D) benchmarked by chisel mark on right abutment wall of dam.

1995: DOCUMENTATION OF MAJOR RAINFALL OVER 8 DAYS

On August 22, 1995, the Needels' and 2 other parties recorded an 8 day rainfall of 9.5 inches from August 7 through the 14<sup>th</sup>. Documentation of flooding and subsequent lake level drops recorded.

1996: TAX EXEMPT STATUS FOR PROPERTY OF MILL POND DAM SITE DOCUMENTED

Document on file.

1996: DNR DECREES THAT NO BOARD MAY BE INSTALLED AT OUTLET

On August 6, 1996, the DNR decrees that Big Lake water levels are 96.5 feet maximum and 95.5 feet minimum. Any board in outlet spillway would be in violation of said maximum.

1997: DISTRICT DISPUTES HIGH WATER BENCHMARKS

In a letter to the DNR dated May 21, 1997, a District Board Member, states that some confusion exists regarding actual high water mark and recorded benchmarks.

1997: DNR DECREES THAT BOARDS IN OUTLET SPILLWAY ARE TO BE REMOVED PERMANENTLY

On August 6, 1997, the DNR again stated that the spillway is a fixed crest. The elevation is 96.5 feet (already set at the maximum allowable height). The DNR recommends permanent removal of boards and metal brackets.

1998: DNR FINDS STOP LOG IN SPILLWAY – ORDERS ITS REMOVAL

On November 3, 1998, a steel stop log was found in spillway of outlet raising the lake level to 96.7 feet – exceeding the 96.5 feet maximum. On November 23, 1998, the DNR sent a letter to the District requiring the removal of said stop log.

2000: DISTRICT RESIDENTS COMPLAIN OF LOWER LAKE LEVELS

In a letter to the DNR dated May 28<sup>th</sup>, 2000, a complaint to the DNR was sent stating that all but one member of the District would prefer the level of the lake be 3.5 inches higher – requesting that the stop log be put back in.







2002: DISTRICT AUTHORIZES REBUILDING MILL POND WIER DAM

District fall meeting authorizes Graham Construction of Deer Park to re-Construct the north side of the mill pond dam. Work to be in fall/winter/spring of 2002/2003.

2003: MILL POND REPAIRS COMPLETED

(Photos).

2004: OUTLET REPAIRS MADE

Sometime in 2004, the District volunteers reconstructed the north side of the Big Lake outlet. Unfortunately, the benchmark (426-D) was destroyed in the process. No permit was issued. (Photos).

2005: DNR AGREES TO POST-AUTHORIZATION OF OUTLET REPAIRS

In a letter dated January 25, 2005, the DNR considers repairs made to the Big Lake outlet to be necessary and appropriate, and agreed to previous verbal authorization.

2005: LAKE LEVEL MONITOR RESIGNS

In a letter dated September 20, 2005, Ey Needels resigned as a volunteer monitor of Big Lake water levels.

2009: DISTRICT BEGINS INVESTIGATING DAM INSPECTION PROCESSES

In a letter dated January 8, 2009, Northern Environmental (Now Bonestroo) offers Dam inspection services.

2009: DISTRICT BEGINS INVESTIGATION OF GRANT STATUS FOR FUTURE REPAIRS/RECONSTRUCTION OF DAMS

In a letter dated September 9, 2009, Bonestroo (formerly Northern Environmental) announces potential funding availability through the Dam Safety Aid program at the DNR.

2011: A VISUAL DAM INSPECTION REVEALS NO CHANGE

The Dams Committee inspected the Dams and no visible change from previous inspections was noted. Videos are posted on District Website.

2011: DISTRICT OBTAINS PHOTOS AND DETAILED MAPS OF DAMS AND ADJACENT PROPERTIES

Maps to be available on the District website by the Summer of 2012.

2012: DISTRICT RECEIVES PROPOSAL FOR DAMS INSPECTION

In a letter dated March 13, 2012, Civil Engineer Warren White, PE, proposes taking on the Dam Inspection job. In addition Mr. White proposes verifying existing benchmarks. Also, Mr. White would analyze lake level records, reconcile benchmarks (past and present) and provide an interactive and expandable database spreadsheet from which to move



forward. Mr. White's fee for said services would be \$1,200.

#### 2012: DAMS COMMITTEE INSPECTS DAMS

On March 25, 2012 the Dams Committee made a visual inspection of the Dams and found no change from the previous year. Steve Oswald and Dave Dudek performed inspection with Bob Meyer consulted. **There is an issue with debris and clearing of debris that needs addressing. In addition, based on a previous history of plant growth leading to failure, clearing both Dam Sites of trees is recommended.**

#### 2012: DNR CONFIRMS MILL POND DAM IS "INVASIVE SPECIES BARRIER".

On March 28, 2012, the Dams Committee Chair, Steve Oswald contacted the DNR referencing the Mill Pond Dam's purpose of "being an Invasive Species Barrier" and which species are potentially invading. On April 3, 2012 Terry Margenau, the Fisheries Supervisor, St. Croix Basin at the DNR responded that there are carp in the Horse Creek system. He also mentioned that Sturgeon are a potential invasive species. **At present, the Mill Pond Dam is an effective barrier for Big Lake if carp are not currently present.** Terry also informed Steve that there is a new Biologist for Polk & Barron Counties by the name of Aaron Cole, out of the Barron office. He will be our future contact.



#### 2012: COMMITTEE CHAIR INVESTIGATES FLOWAGE RIGHTS AND THE ESTABLISHMENT OF LAKE LEVELS

Ongoing investigation reveals a Precedent Case involving attempting to change Lake level flowage rights:

<http://www.rkld.org/Portals/0/documents/hearing/RKLDsurreplyBrief9-22-06.pdf>

The investigation of "Flowage Rights" revealed that the Wisconsin Railroad Commission became the Regulatory Authority for Flowage Rights (establishment of OWHW mark). **Exact dates of Big Lake levels to be further investigated.**





# Big Lake's Two Dams





# Dam Inspections

- Hire an Engineering firm for a structural inspection in 2013.
- Investigate improved carp barrier

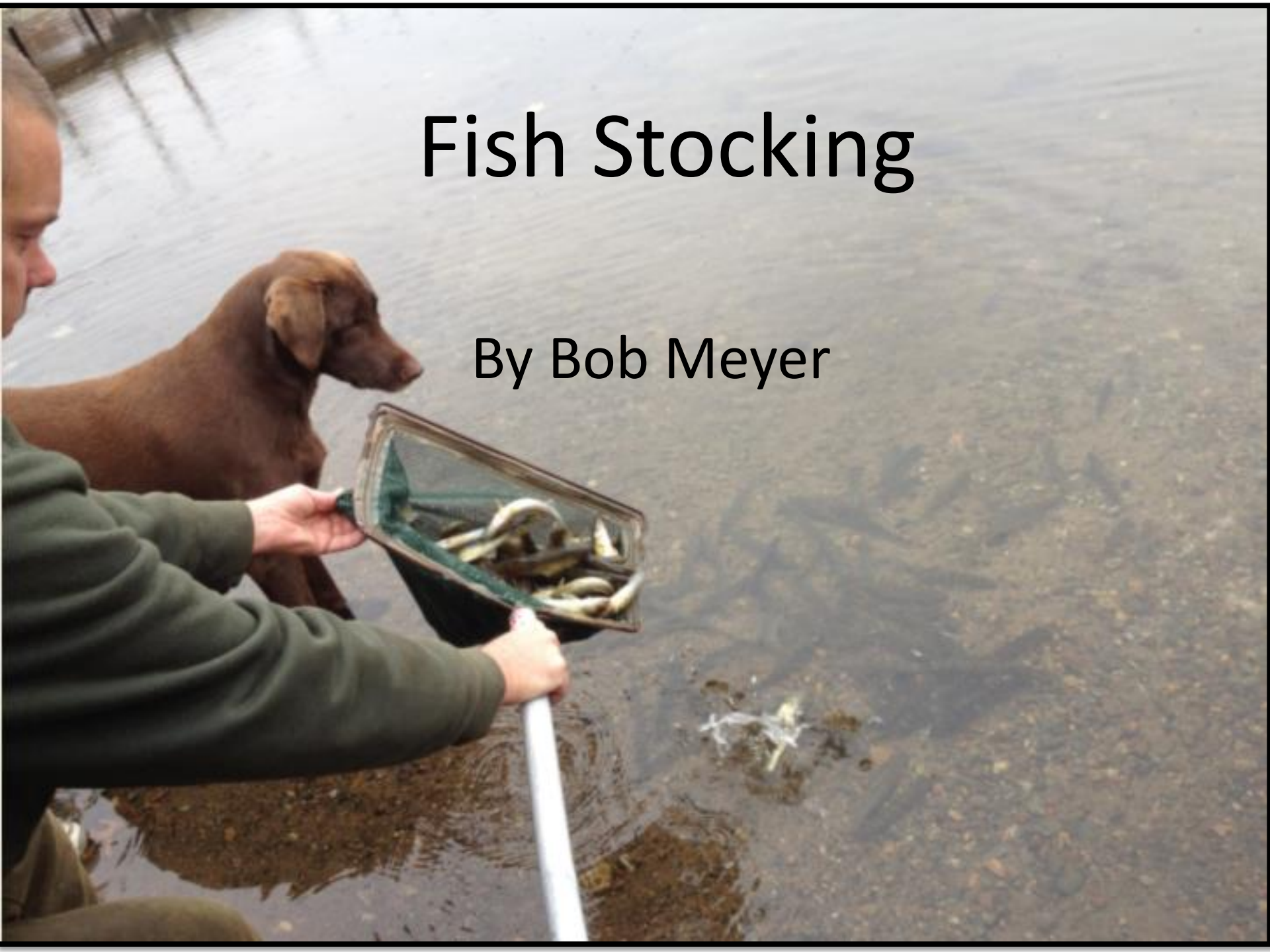






# Fish Stocking

By Bob Meyer





# Fish Stocking

2012... No stocking, supplier's fish wrong DNA

2013... Central Wisconsin Fish Farm, Stevens Point

- Permit is in process
- Fall delivery is scheduled
- 6-8 inch range .. anticipate higher survival rate
- Cost \$2.00 each (delivery included)
- Exact numbers to be determined by the DNR
- Estimate 3500 fish ... under budget

# Fish Stocking History

Fish Stocking History														
All available data as of 05/01/13														
	Church Pine Lake				Round Lake			Big Lake				Total Fish	Cost	
	Walleye	Brown Trout	Rainbow Trout	Northern Pike	Walleye	Brown Trout	Rainbow Trout	Walleye	Brown Trout	Rainbow Trout	Northern Pike			
2000				835							2071	2906		
2001												0		
2002				830							2160	2990		
2003	500				300			2500				3300		
2004								1500				1500		
2005	2000							2000				4000		
2006	2000							2000			518	4518		
2007								2000				2000		
2008								2362			488	2850	\$4,000	
2009		2000			300			600				2900	\$4,000	
2010		720	180		300			1830				3030	\$6,000	
2011	1160				200			1800				3160	\$5,839	
2012												0	\$0	
2013	?				?			?				3500	\$7,000	Estimates
Total	5660	2720	180	1665	1100	0	0	16592	0	0	5237	33154	\$26,839	





# Navigation Committee

By Jerry Tack



# Navigation Committee Report

## DREDGING

- Last October, J&S Contracting from Osceola completed the dredging of the Round/Church Pine channel. The channel was dredged to a depth of 36 inches and opened up to a width of at least 20 feet.
- A special thanks to Keith and Bev Hartman. They have once again graciously allowed J&S to move the backhoe and other heavy equipment over their property to gain access to the channel.
- Depending on the weather, on May 20 J&S plans to begin work adding additional erosion control matting and rock rip rap in the narrow portion of the channel. They will also complete the repair and restoration of the Hartman's property resulting from damage created by the heavy equipment and depositing of the silt.
- The total cost of dredging and restoring the Hartman's property will be about \$9,000. We were successful in obtaining a grant from the DNR that reimburses the District for 50% of the cost.

















# Navigation Committee Report

## NAVIGATION BUOYS

- The District purchased one additional No Wake buoy this winter.
- It will be placed 100 feet out from the Big Lake boat landing.



# Social Committee

By David Zanick





# Social Committee

- David Zanick, Chair
- Jacq Hauser
- Bev Medvec
- Jeanne Meyer
- Steve Paulson
- Sally Pierson
- Rachel Starbuck
- Glenna Tack
- Jess Vindal
- Suzanne Zanick



You're Invited to Our Annual  
Big, Round, Church Pine  
Spring Dinner



**When:** Saturday, May 18th

- 6:00 p.m. Cash Bar/6:45 p.m. Dinner Buffet
- Door Prizes

**Where:** The Village Pizzeria in Dresser, WI

Enjoy our annual spring dinner renewing old friendships and making new ones. Menu will include: Broccoli Pasta, Baked Ham, Italian Sausage and Pepper Pasta, Roast Beef, Garden Salad, Garlic Mash Potatoes and non-alcoholic beverages and topped off with a choice of Sopapilla (New Mexico, Argentina, Bolivia, Peru, Chile and Texas style cheesecake) or Brownies.

**Cost:** \$12.99 per person (tax & tip not included)

**R.S.V.P:** Please RSVP to attend—required by May 11th.

Call David Zanick at 952-237-4374 or davidzanick@ymail.com



# 4<sup>th</sup> of July Parade



- Start time ..... Noon
- Start Location .... South end of Church Pine  
(near the boat landing)
- Follow the leader
- Prizes will be awarded!
- Judges will be in Steve Paulson's boat at the North end of Church Pine
- Stay in the area around the judges until all prizes have been awarded
- Boats are to be identified with their fire number



# Social Committee 2012 Events

- Spring Dinner at the Village Pizzeria
  - 60+ attendees
- 4th of July, Boat Parade





# Social Committee 2013 Plans

- Spring Dinner ..... May 18<sup>th</sup>, 2013
- Boat Parade ..... July 4<sup>th</sup>, 2013



# Water Patrol Committee

By Tom Bach

August 2013



# Water Patrol Committee

- Big/Church/Round Chair
  - Tom Bach, Church-Pine
  - 612.578.5274
  - [tom.j.bach@gmail.com](mailto:tom.j.bach@gmail.com)
  
- Wapogasset Chair - Dave Nelson
  - 715.928.2656
  - DaveVi@amerytel.net

# Boat Patrol Basics

- Boat jointly owned by B/C/R and Wapo
- Sheriff's office leases boat from us
- Cost of patrol partially funded by state (68%)
- "Performance measures" (citations, warnings)  
must be met to qualify for funding





# Water Patrol

- New Patrol Deputy
  - Sheriff Deputy
- Primary patrol responsibility
- Contact info: Office 715.485.  
Email:
- Sheriff non-emergency: 715.485.8300



# Key Regulations

- Number of PFDs
- Abide by Slow/no-wake zones
- No riding on boat gunwale
- Inflatables pulled behind boat/PWC do NOT count towards boat/PWC load.
- Water Skiing behind PWC – must be 3 person PWC with one observer

# Lake District Water Patrol

HAVE A WONDERFUL, SAFE SUMMER  
BOATING ON OUR WATERS!





# Water Patrol Committee

- Big/Church/Round Chair
  - Tom Bach, Church-Pine  
612.578.5274  
[tom.j.bach@gmail.com](mailto:tom.j.bach@gmail.com)
- Wapogasset Chair - Dave Nelson
  - 715.928.2656
  - DaveVi@amerytel.net





# Big/Church-Pine/Round Water Patrol Committee

Tom Bach, Chair, Church-Pine

Hien Cao, Big Lake



# Water Patrol

- Shirley Rossing  
– Sheriff Deputy
- Primary patrol responsibility
- Contact info: Office 715.485.8387  
Email: [Shirley.Rossing@CO.Polk.WI.US](mailto:Shirley.Rossing@CO.Polk.WI.US)
- Sheriff non-emergency: 715.485.8300





# Water Patrol Activity

(Through August 5, 2012)

Shirley Rossing 93 Hours /16 Shifts

## 6 Citations

- (1) Number of PFD
- (1) Display Registration
- (2) Transfer Title
- (1) Riding on boat gunwale
- (1) Boat towing skier after sunset

## 13 Warnings

- (2) Number of PFDs
- (1) Display Registration
- (5) Transfer Title
- (5) Riding on Boat gunwale
- (1) Operate PWC in slow-no-wake

Note: Two weekends not covered due to boat and truck breakdowns

# Loading your boat or PWC

- Overloading a boat with gear or people will make the boat unstable and increase risk of capsizing/swamping. Abide by the boat's capacity plate.
- Inflatables pulled behind boat/PWC do NOT count towards boat/PWC load.
- Water Skiing behind PWC – must be 3 person PWC with one observer



# LAKE DISTRICT WATER PATROL

HAVE A WONDERFUL, SAFE SUMMER  
BOATING ON OUR WATERS!





# Water Quality Committee

By David Zanick



# WQ Committee Members:

- Katelin Holm
- Jeremy Williamson
- Tom Tinkham
- David Zanick
- Gary Ovick
- Jerry Tack
- Carl Pierson
- Jake Macholl
- Ann Layton
- Members of the Board



Polk County Land and Water  
Resource Department

&

The Church Pine, Round and Big Lake  
P&R District

Awarded a  
**Lake Planning Grant**  
to Develop a  
**Lake Management Plan**





# Grant Requirements

- Study in lake physical and chemical data
- Study lake levels and precipitation
- Study algae, and zooplankton
- Perform tributary monitoring
- Perform a shoreline survey
- Study watershed land use
- Survey residents opinions regarding their lake
- Develop a Lake Management Plan



# Lake Management Plan

- Developed by Polk County LWRD and the WQ Committee
- Approved by the Committee
- Published for public review and comment
- Approved by the Board on August 12, 2013
- Submitted to WDNR for approval



# Lake Management Plan

Future plans upon DNR approval:

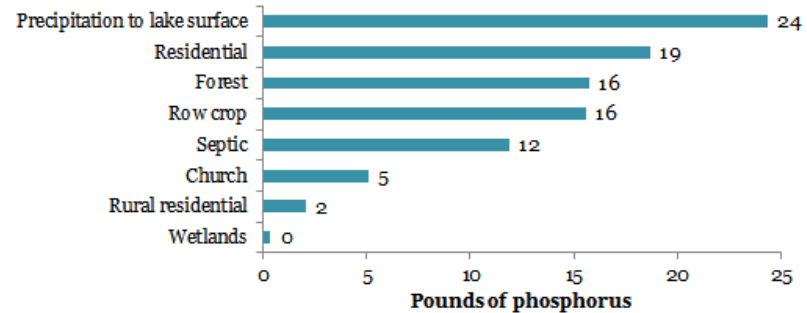
- Apply for a **Lake Protection Grant**

Goal ..... Reduce Phosphorous and Algae in our 3 lakes by reducing watershed runoff

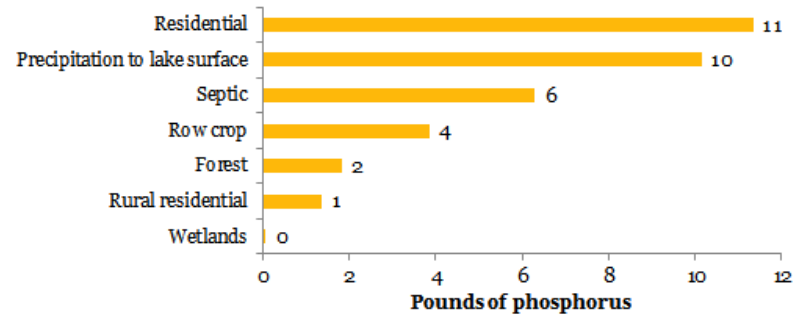
# Priorities

- There are several sources of Phosphorus
- We have no control over some of them and some may be prohibitively expensive to treat.
- 2 sources that we will address:
  - Residential Runoff
  - North Creek

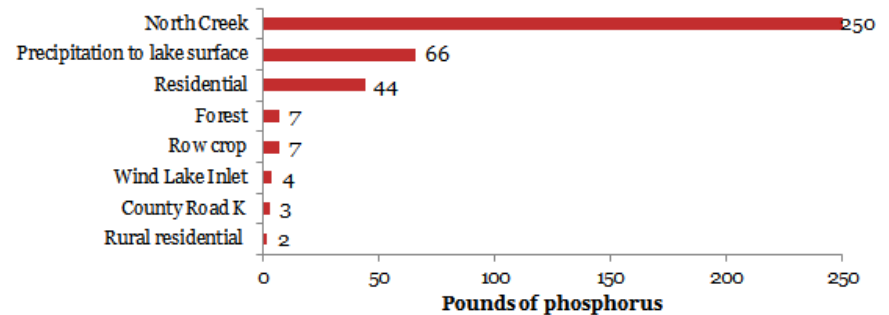
**Church Pine Lake phosphorus contributions by source: 94 pounds phosphorus**



**Round Lake phosphorus contributions by source: 35 pounds phosphorus**



**Big Lake phosphorus contributions by source: 383 pounds phosphorus**







All residents will receive a form requesting that they volunteer to reduce waterfront runoff.

## Site Visit Request Form – Waterfront Runoff Reduction

The Lake District will be soliciting state grant funds to support this program. Your interest will support our success!

**I am interested in learning more about what I can do on my lake property to improve water quality on our lakes.**

Name (s) \_\_\_\_\_

Length of Shoreline \_\_\_\_\_ ft. Lake \_\_\_\_\_

Lake Address \_\_\_\_\_

Home Telephone \_\_\_\_\_

Lake Telephone \_\_\_\_\_

Email \_\_\_\_\_

\_\_\_\_\_ **I am interested in a free, no-strings attached site visit to evaluate my property.**

**I am interested in installing the following landscaping practice(s) on my Lake property:**

\_\_\_\_\_ Rain garden

\_\_\_\_\_ Infiltration pit or trench

\_\_\_\_\_ Water diversions

\_\_\_\_\_ Rain barrel

\_\_\_\_\_ Plantings in the water

\_\_\_\_\_ Tree falls/woody debris in the water to provide habitat

\_\_\_\_\_ Shoreline buffer zone (Note that if grant funded, shoreline buffer zones must be at least 35 feet deep)

\_\_\_\_\_ Removal of invasive species such as purple loosestrife

\_\_\_\_\_ Unsure of appropriate method, but willing to investigate

Note that when installation is grant funded, water quality practices must remain in place at least ten years.

Please return form to Cheryl Clemens, Harmony Environmental, 516 Keller Ave. S., Amery, WI 54001 or email request to [harmonyenv@amerytel.net](mailto:harmonyenv@amerytel.net)

### Self-Evaluation Checklist for Midcourse Runoff

Does your current permit require midcourse protection, even though you're not on a permit?

Can the runoff to your storm or other stormwater system be controlled on your lot?

- 1. Are there any stormwater management practices on your lot?
- 2. Do you have a stormwater management plan?
- 3. Do you have a stormwater management plan?
- 4. Do you have a stormwater management plan?

Approved  
 1. Stormwater Management Plan  
 2. Stormwater Management Plan  
 3. Stormwater Management Plan  
 4. Stormwater Management Plan



### STORMWATER MANAGEMENT

- 1. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.
- 2. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.

1. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.

- 1. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.
- 2. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.
- 3. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.
- 4. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.

### STORMWATER MANAGEMENT

- 1. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.
- 2. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.



### STORMWATER MANAGEMENT

The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.

- 1. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.
- 2. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.

### STORMWATER MANAGEMENT

- 1. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.
- 2. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.

### STORMWATER MANAGEMENT

The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.

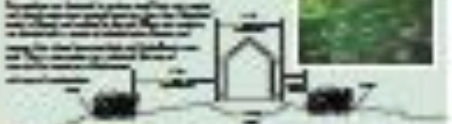
The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.

- 1. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.
- 2. The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.



### STORMWATER MANAGEMENT

The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.



### STORMWATER MANAGEMENT



### STORMWATER MANAGEMENT

The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.



### STORMWATER MANAGEMENT

The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.

### STORMWATER MANAGEMENT

The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.



### STORMWATER MANAGEMENT

The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.

The stormwater management practices on the lot must be designed to manage the runoff from the entire lot.



*The new Self-Evaluation Checklist for Waterfront Runoff* provides landowners a guide to assessing the impacts of runoff from their waterfront property. It also introduces solutions to runoff problems. The checklist is written by Cheryl Clemens from Harmony Environmental and illustrated and designed by Karen Engellbretson of KJE Design. It is funded through DNR small scale grants matched by the Balsam Lake Protection and Rehabilitation District.



The 4-page checklist is available in multiples of 500 for \$75 or multiples of 100 for \$25 plus shipping.

To order, please provide the quantity you wish to order along with your name and billing and mailing address.

Send to:  
Cheryl Clemens  
Harmony Environmental  
516 Keller Ave. S.  
Amery, WI 54001

You can also email the information below to Cheryl at [harmonyenv@amerytel.net](mailto:harmonyenv@amerytel.net)

Yes, I would like to order copies of the *Self-Evaluation Checklist for Waterfront Runoff*. Priced at only 15 cents each in multiples of 500 or 25 cents each in multiples of 100. Actual shipping charges will be added to each order.

\_\_\_\_\_ Quantity (multiples of 100 or 500 only)

Name \_\_\_\_\_

Organization \_\_\_\_\_

Mailing Address \_\_\_\_\_

\_\_\_\_\_

Billing Address (if different)

\_\_\_\_\_

\_\_\_\_\_

Email \_\_\_\_\_

Telephone \_\_\_\_\_



# Onsite Support

Site visits will be available to determine options:

- Rain gardens
- Water diversions
- Plantings - shoreline buffers
- Rain barrels
- Erosion control

Performing site visits to evaluate options:

- Cheryl Clemens
- Katelin Holm
- Jeremy Williamson
- Various nurseries (e.g.. Lake Kountry)
- Other





# Lake Protection Grant (May 1, 2014 ??)

- Will cover 75% of the cost of any approved landscape practice.
- The owner would be responsible for the remaining 25% of the cost
- Any installation that is grant funded must remain in place for at least 10 years



# Future Considerations

- Evaluation of North Creek to determine what can be done to decrease phosphorous flow into Big lake



# Web Site

By Jeri Diaz



[www.bigroundpine.com](http://www.bigroundpine.com)  
Home Page

# Welcome

Church Pine, Round and Big Lake Protection and Rehabilitation District website



Contact Us



### 4th of July Boat Parade!

Find out more about this years Boat Parade >

Last years photos >

### Draft Lake Management Plan for Church Pine, Round (Wind), and Big Lake available for public review and comment

The public is invited to review and provide comments on the Lake Management Plan for Church Pine, Round (Wind), and Big Lake. A hard copy of the plan is available at the Osceola Public Library and the Amery Public Library and an online version is available on the Church Pine, Round, and Big Lake District website ([www.bigroundpine.com](http://www.bigroundpine.com)) and the Polk County Land and Water Resources Department website ([www.co.polk.wi.us/landwater/reports.asp](http://www.co.polk.wi.us/landwater/reports.asp)).

Comments and suggestions should be submitted in writing or email and received by August 1st, 2013 to ensure that they are given proper consideration in the final plan. No telephone messages will be considered. Anyone interested in providing input should contact Jeremy Williamson or Katelin Holm at 100 Polk County Plaza-Ste 120, Balsam Lake, WI 54810; [jeremyw@co.polk.wi.us](mailto:jeremyw@co.polk.wi.us); or [katelin.holm@co.polk.wi.us](mailto:katelin.holm@co.polk.wi.us).

Download pdf of 06-27-13 DRAFT Lake Management Plan >



Heidi doing a CBCW pontoon inspection at Big Lake landing.

### Volunteers Wanted

Volunteer hours count towards qualified District membership/credits. Find Volunteers

### About Our Lakes



Find out unique information on each of the Lakes such as size, habitat and more...

### Swap Meet

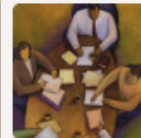


See what your neighbors are selling in gently used and new items.

### Photo Album



Meet your neighbors, submit photos of District and family events.



### District Meetings

Download the latest District Calendar  
[2013 District Calendar \(Revised 12-10-12\)](#)

### Board Meetings

Board Meetings are held monthly (except January, February and November) on the dates noted in the District Calendar. The Board Meetings start at 6 pm at the Alden Town Hall located at 183 155th Street, Star Prairie, WI 54026. All District Members are invited to attend. Minutes and Agendas are [posted here](#).

### General Meetings

Spring Informational Meeting: Sat., May 18, 2013  
Fall Annual Meeting: Sat., Aug. 24, 2013  
Minutes and Agendas are [posted here](#).



### The Bulletin Board

Check for meetings, classes, socials events, etc...



### Aquatic Plant & Water Quality Mgt.


Current and past Aquatic Plant Management Study


















# Welcome


Church Pine, Round and  
Big Lake Protection and  
Rehabilitation District website



 [Contact Us](#)

-  [Home](#)
-  [About Our Lakes](#)
-  [Swap Meet](#)
-  [Photo Album](#)
-  [District Meetings](#)
-  [The Bulletin Board](#)
-  [Aquatic Plant Management](#)
-  [District History Overview](#)
-  [Miss Manners](#)
-  [Recreation](#)
-  [District Business](#)
-  [Local Flora and Fauna](#)
-  [Naturalist's Calendar](#)
-  [Links to Websites](#)
-  [Archives](#)

## CONTACT US

 [Committee Membership List](#)


### Big, Round And Church Pine Lakes District Board













Gary Ovick Chairman (Church Pine Lake)	491 Lake View Lane Osceola, WI 54020	Phone: (715) 294-3988 Cell: (715) 417-1770 <a href="mailto:garyovick@aol.com">garyovick@aol.com</a>
David Zanick Commissioner (Church Pine Lake)	466 184TH St, Osceola, WI 54020 1885 63rd St, Inver Grove MN 55077	(715) 294-3740 (952) 237-4374 Cell <a href="mailto:davidzanick@ymail.com">davidzanick@ymail.com</a>
Steve Oswald Commissioner (Big Lake)	1901D 60th Avenue Osceola WI 54020	(715) 294-3135 <a href="mailto:cri.steevo@gmail.com">cri.steevo@gmail.com</a>
Jerry Tack Treasurer (Round Lake)	542 Round Lake Ct Osceola, WI 54020	(715) 294-2739 (715) 808-5239 Cell <a href="mailto:tack542@centurylink.net">tack542@centurylink.net</a>
Heidi Hazzard Secretary Big Lake	607 Home Ct. Osceola, WI 54020	(715) 294-2950 <a href="mailto:heidihazzard@centurytel.net">heidihazzard@centurytel.net</a>
Helen Johnson Town of Alden Supervisor	79 10th Ave. New Richmond, WI 54017	(715) 248-3277 <a href="mailto:johnsont@frontiernet.net">johnsont@frontiernet.net</a>
Tom Magnafici Polk County Supervisor District 16	1818 120th Ave. St. Croix Falls, WI 54024	(715) 308-5190 <a href="mailto:toms3cows@yahoo.com">toms3cows@yahoo.com</a>

# Welcome

Church Pine, Round and  
Big Lake Protection and  
Rehabilitation District website



 Contact Us


-  [Home](#)
-  [About Our Lakes](#)
-  [Swap Meet](#)
-  [Photo Album](#)
-  [District Meetings](#)
-  [The Bulletin Board](#)
-  [Aquatic Plant Management](#)
-  [District History Overview](#)
-  [Miss Manners](#)
-  [Recreation](#)
-  [District Business](#)
-  [Local Flora and Fauna](#)
-  [Naturalist's Calendar](#)
-  [Links to Websites](#)

## DISTRICT MEETINGS





### District Board Meetings

The Board meetings take place at the Alden Town Hall located at 183 155th Street, Star Prairie, WI 54026. All District Members are invited to attend. Board Meetings are held on the 2nd Monday of each month at 6 p.m. each month except: January, February and November.

### District Board Meeting Presentations

-  [Board Presentation 08-13-12](#)
-  [Board Presentation 07-09-12](#)
-  [Board Presentation 06-11-12](#)
-  [Board Presentation 05-14-12](#)
-  [Board Presentation 04-16-12](#)
-  [Board Presentation 03-12-12](#)

### District Board Meetings Agenda

-  [2012 District BoardAgenda 08-13-12](#)
-  [2012 District BoardAgenda 07-9-12](#)
-  [2012 District BoardAgenda 05-14-12](#)
-  [2012 District BoardAgenda 04-16-12](#)



# Break!

10 Minutes Please



# 2014 Budget Proposal

By Jerry Tack





# 2014 AOP Budget Proposal

## Church Pine, Round and Big Lake Protection and Rehabilitation District 2014 Annual Operating Plan (AOP) Proposal 07/08/13 Board Approved

Annual Operating Plan	2012 Actual	YTD 07/01/13				Forecast YE	2014 Proposed Budget	Assumptions	% Expenses Reimbursed by Grant at 75% Rate
		Budget	Actual YTD	Pending					
Operating Balance Carried Forward	\$19,674	\$5,525	\$19,172	\$0	\$19,172	\$19,824			
Interest Income (checking only)	\$26	\$45	\$7	\$6	\$13	\$12			
Sheriff Water Patrol Boat Lease	\$2,319	\$2,319	\$0	\$2,319	\$2,319	\$1,600	Lease payment from sheriff		
DNR Dredging Grant	\$2,475	\$0	\$0	\$0	\$0	\$0	NA, Line to be removed		
Insurance Rebate	\$213	\$0	\$0	\$200	\$200	\$0	Up-side if no claims		
Grant ACEI-099-11 (APMP Implementation)	\$34,470	\$25,950	\$0	\$23,215	\$23,215	\$15,207	Extended funding for 2014 (75% of "Grant Eligible" expenses)		
Donation (Big Lake Store)	\$2,000	\$0	\$0	\$0	\$0	\$0	Upside to support fish stocking		
Sub Total (w/o Levy)	\$61,177	\$33,839	\$19,178	\$25,740	\$44,918	\$36,643			
Levy	\$25,252	\$29,353	\$17,441	\$11,912	\$29,353	\$29,353			
Transfer from Lake Maintenance Fund*		\$0	\$1,845	\$0	\$1,845		NA, Line to be removed		
<b>Total Revenue</b>	<b>\$86,429</b>	<b>\$63,192</b>	<b>\$38,465</b>	<b>\$37,652</b>	<b>\$76,116</b>	<b>\$65,996</b>			
Education and Travel	\$2,128	\$2,800	\$1,884	\$400	\$2,284	\$1,800	3 Commissioners to WAL mtg/training, and Board Travel		
Purple Loosestrife Control	\$870	\$1,332	\$0	\$1,000	\$1,000	\$1,000	Purple Loosestrife Control	100%	
Curley Leaf Pondweed Control	\$20,525	\$23,351	\$13,284	\$3,150	\$16,434	\$16,500	Treatment & Monitoring, Surveys, & Permits, Consulting	100%	
Native Plant Control for Navigation	\$0	\$1,220	\$0	\$0	\$0	\$1,200	Potential Herbicide Treatment of Bay D (West Side Big Lake)		
AIS Monitoring	\$337	\$1,000	\$0	\$1,000	\$1,000	\$1,000	Annual Diver Inspection for AIS	100%	
EWM Rapid Response Fund Payment	\$5,000	\$0	\$0	\$0	\$0	\$0	No Funding Pymt., Loan will cover deficit given AIS infestation		
Surveillance Cameras Services	\$1,947	\$2,240	\$0	\$2,554	\$2,554	\$2,000	ILID monitoring, Installation/Removal, Travel, DSL		
Clean Boats Clean Waters	\$8,947	\$8,300	\$748	\$7,552	\$8,300	\$8,000	Supplies \$200, \$7800 Salaries (650hrs * \$12)	?	
Lake Maintenance Fund Payment	\$12,500	\$2,500	\$0	\$2,500	\$2,500	\$5,000	Dam Inspection & Repairs; Recover Dredging Withdrawals \$5K		
Boat Loan Service	\$0	\$0	\$0	\$0	\$0	\$1,600	Estimated Loan Payment for 5 Yrs = \$1600/ Yr		
Channel Buoys (Replacement)	\$432	\$216	\$157	\$0	\$157	\$160	Contingency for 1 Replacement Buoy		
Water Patrol Labor & Expenses	\$2,701	\$2,600	\$3,082	\$0	\$3,082	\$3,100	134 Patrol Hours		
Insurance	\$2,295	\$2,345	\$2,281	\$0	\$2,281	\$2,281	Workman's Comp and Liability		
Communications	\$611	\$500	\$346	\$229	\$575	\$600	Meetings Notices, Printing, Postage, Handouts etc	33%	
Website	\$1,438	\$808	\$1,087	\$0	\$1,087	\$1,100	Site Maintenance, Same as pre-upgrade in 2011	33%	
Miscellaneous	\$1,905	\$3,600	\$1,590	\$2,010	\$3,600	\$3,600	Port-a-Potty, Supplies, Grant Writing, & Budget Oversights		
Meetings	\$500	\$500	\$300	\$300	\$600	\$600	Spring & Annual District Meetings @300 = \$600	33%	
Fish Stocking	\$0	\$4,000	\$0	\$7,000	\$7,000	\$4,000	Same as 2013 Budget		
Association Memberships	\$355	\$355	\$0	\$355	\$355	\$355	Run Rate		
Water Quality	\$442	\$0	\$0	\$3,484	\$3,484	\$3,450	Lake Mgmt. Plan Implementation 2014 (\$1050); Grant Writing (\$2400)		
<b>Total Expenditures</b>	<b>\$67,257</b>	<b>\$57,667</b>	<b>\$24,758</b>	<b>\$31,534</b>	<b>\$56,293</b>	<b>\$57,346</b>			
<b>Operating Balance</b>	<b>\$19,172</b>	<b>\$5,525</b>	<b>\$13,706</b>	<b>\$6,118</b>	<b>\$19,824</b>	<b>\$8,650</b>			

Account Balances as of 7/1/2013			
Checkbook	\$13,706	Lake Maintenance Fund	\$16,678
		Rapid Milfoil Response	\$7,499
<b>Total</b>	<b>\$13,706</b>	<b>Total</b>	<b>\$24,177</b>
<b>Total of all Accounts =</b>		<b>\$37,883</b>	



# 2014 NLF Budget Proposal

## Church Pine, Round and Big Lake Protection and Rehabilitation District Non-Lapsing Funds 2014 Proposal 06/27/13 Working Group

Fund	2012	YTD 07/01/13				2014 Proposed Budget	Assumptions
	Actual	Budget	Actual YTD	Pending	Forecast EOY		
<b>AIS Rapid Response</b>							
Balance Carried Forward From Prior Year	2502	\$7,514	\$7,507	\$0	\$7,507	\$7,502	Balance Carried Forward From Prior Year
Payment From Operating Account	\$5,000	\$0	\$0	\$0	\$0	\$0	Payment from Operating Account
Interest Income	\$5	\$7	\$3	\$3	\$6	\$6	Interest Income
Grants	\$0	\$0	\$0	\$0	\$0	\$0	Grant Revenue
<b>Total Revenue</b>	<b>\$7,507</b>	<b>\$7,521</b>	<b>\$7,510</b>	<b>\$3</b>	<b>\$7,513</b>	<b>\$7,508</b>	
AIS Control	\$0	\$0	\$0	\$0	\$0	\$0	AIS Control Expense
Other	\$0	\$0	\$11	\$0	\$11	\$0	Other
<b>Total Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$11</b>	<b>\$0</b>	<b>\$11</b>	<b>\$0</b>	
<b>Fund Balance</b>	<b>\$7,507</b>	<b>\$7,521</b>	<b>\$7,499</b>	<b>\$3</b>	<b>\$7,502</b>	<b>\$7,508</b>	
<b>Lake Maintenance</b>							
Balance Carried Forward From Prior Year	\$6,001	\$7,021	\$18,515	\$0	\$18,515	\$15,841	Balance Carried Forward From Prior Year
Payment From Operating Account	\$12,500	\$2,500	\$0	\$2,500	\$2,500	\$5,000	Payment from Operating Account
Interest Income	\$14	\$15	\$8	\$8	\$16	\$16	Interest Income
Grants	\$0	\$0	\$0	\$2,475	\$2,475	\$0	Grant Revenue
<b>Total Revenue</b>	<b>\$18,515</b>	<b>\$9,536</b>	<b>\$18,523</b>	<b>\$4,983</b>	<b>\$23,506</b>	<b>\$20,857</b>	
Dredging	\$0	\$0	\$1,845	\$4,320	\$6,165	\$0	Dredging
Dam Inspection	\$0	\$0	\$0	\$1,500	\$1,500	\$0	Dam Inspection
Dam Repair	\$0	\$0	\$0	\$0	\$0	\$0	Dam Repair
Other	\$0	\$0	\$0	\$0	\$0	\$0	Other
<b>Total Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,845</b>	<b>\$5,820</b>	<b>\$7,665</b>	<b>\$0</b>	
<b>Fund Balance</b>	<b>\$18,515</b>	<b>\$9,536</b>	<b>\$16,678</b>	<b>-\$837</b>	<b>\$15,841</b>	<b>\$20,857</b>	
<b>Balance All Funds</b>	<b>\$26,022</b>	<b>\$17,057</b>	<b>\$24,177</b>	<b>-\$834</b>	<b>\$23,343</b>	<b>\$28,365</b>	



# Board Proposal Regarding Fiscal Management

“Whereas the Voters have approved an annual budget;

The Board of Commissioners motion that the Voters at the August 24<sup>th</sup> 2013, Annual Meeting, approve Board’s authority to reallocate up to \$5K between budget categories w/o calling a Special Meeting.”



# Lake Protection and Rehabilitation Districts Governing Statutes

- Operation is governed by Wisconsin Statutes:
  - Chapter 33 Public Inland Waters
  - Chapter 19 General Duties of Public Officials
  - Chapter 985 Publication of Legal Notices
  - Chapter 66 Municipal Law (*Bids*)
  - Chapter 65 Budget Systems
  - Chapter 30 Navigable Waters
  - Others





# Board Proposal Regarding The Obsolete 1995 By-Laws

“Whereas the State of Wisconsin has comprehensive statutes governing the operation of Lake Districts and it’s public officials;

The Board of Commissioners motion that the Voters at the August 24<sup>th</sup> 2013, Annual Meeting, rescind the By-Laws of the Church Pine, Round & Big Lake P & R District in favor of compliance with the Laws of the State of Wisconsin.”



# Election of Commissioners: (Two Vacancies)

## The Board Nominates:

- Mike Reiter – Big Lake
- Ann Layton – Church Pine



# BALLOT

2013

## CHURCH PINE, ROUND AND BIG LAKE PROTECTION AND REHABILITATION DISTRICT

### SELECT TWO FOR BOARD COMMISSIONERS

Mike Reiter

Ann Layton

WRITE IN CANDIDATE

---



# Questions & Public Input

By Lake District Residents



# Closing Remarks

By Gary Ovick





# District Calendar 2013

Board Meetings, 2<sup>nd</sup> Monday of each month, 6PM , Alden Town Hall

January	No Meeting
February	No Meeting
March 4 <sup>th</sup>	Board Meeting
April 15 <sup>th</sup>	Board Meeting (Rescheduled from April 8, due WAL Conference)
May 13 <sup>th</sup>	Board Meeting
May 18 <sup>th</sup>	Spring Informational Meeting
June 10 <sup>th</sup>	Board Meeting
July 8 <sup>th</sup>	Board Meeting
August 12 <sup>th</sup>	Board Meeting
August 24 <sup>th</sup>	Annual Meeting & Board Meeting to Elect Officers
• October 14 <sup>th</sup>	Board Meeting
• November	No Meeting
• December 9 <sup>th</sup>	Board Meeting



# Volunteers ?



# PLEASE!

# VOLUNTEERS NEEDED

# PLEASE!

## CHURCH PINE, ROUND AND BIGLAKE PROTECTION & REHABILITATION DISTRICT

Volunteer Positions	Your Name	Telephone #	Email
<b>Board of Commissioners</b> Develop and execute plans to protect & rehabilitate the lakes in the District			
<b>Aquatic Plant Management Committee</b> Assist in the implementation of the Aquatic Plant Management Plan; Prevent & Control AIS			
<b>Water Quality Committee</b> Assist in the implementation of the Lake Management Plan and pursue improved water			
<b>Clean Boats Clean Water (CBCW) Committee</b> Coordinate the monitoring of boat landings with inspectors and surveillance cameras.			
<b>Water Patrol Committee</b> Interface with Polk Co. Sheriff and Wapo Board to provide water safety via our Patrol Boat			
<b>Navigation Committee</b> Place and remove buoys; Monitor channel depth & procure dredging contractors as needed			
<b>Dam Inspection Committee</b> Inspect annually, submit report and interface with contractors as required.			
<b>Audit Committee</b> Audit treasury activities and submit report annually			
<b>Web site Committee</b> Solicit and contribute articles and photos; manage attachments; respond to emails			
<b>Legal Resource Committee</b> Advise and assist Board on legal matters, WI Statute 33, Open Mtg Laws, Robert's Rules, etc.			
<b>Social Committee</b> Facilitate events to build community and volunteerism			



**Motion to  
Adjourn?**

**Thank You**



Informational Meeting  
@ West Immanuel Lutheran Church  
Saturday, May 19 2012 9a.m.-12p.m.  
Sign-in and coffee at 8:30 a.m.

Board members present: Heidi Hazzard, Jerry Schlagel, Gary Ovick, Jerry Tack, Steve Oswald. David Zanick will take over as of June 1<sup>st</sup> for Jerry Schlagel.

57 Lake District members were present. Visitors/Presenters from Polk County: Katelin Holm, Jeremy Williamson, and Shirley Rossing

Opening remarks: Gary Ovick

Treasurer's report: Jerry Tack reported.

Aquatic Plant Management: Steve Oswald reported. We have had great success with the treatment of Curley Leaf Pondweed. We are on year two of treatment and grant. We will apply for another grant next fall.

Clean Boats Clean Water: Heidi Hazzard gave overview of the CBCW 2012 plan.

Water Patrol: Tom Bach is our new Water Patrol Chairperson. He can be reached at [Tom.j.bach@gmail.com](mailto:Tom.j.bach@gmail.com) or 612-578-5274. Polk County Deputy Shirley Rossing will be a dedicated deputy for our water patrol. She can be reached at [shirley.rossing@co.polk.wi.us](mailto:shirley.rossing@co.polk.wi.us) or through dispatch anytime at 715-485-8300. This is a non-emergency number that should be used for non-emergencies only. We have budgeted 100 hours for summer 2012. There will be varied hours and varied days, but she will plan to be on Big Lake on Fridays and Sundays. Patrol will lead 4<sup>th</sup> of July parade at noon starting on Big Lake. If you see something that needs to be reported call Sheriff dispatch at 715-485-8300. DNR patrol website [http: tip line 1 800 TIP WDNR 1800 847-9367](http://tip.line.1.800.TIP.WDNR.1800.847-9367) to report a not in progress violation  
Southern Polk County Warden Shawn Tyznik 715-416-3510  
Northern Polk County Warden Jesse Ashton 715-472-2252



---

Water Quality: Katelin Holm gave an overview of the water quality grant and study. See the May 19, 2012 informational meeting presentation on [www.bigroundpine.com](http://www.bigroundpine.com) for more information on the Water Quality Study. The reimbursement has been changed to a 67% reimbursement from 75%. We need volunteers for the water quality study. Please return your survey that was sent out with the informational meeting agenda!

Dams: Steve Oswald reported and gave a historical view of our dams. See the Informational Meeting presentation May 19, 2012 on [www.bigroundpine.com](http://www.bigroundpine.com) for more info. We need a professional inspection done every 10 years.

Navigation: Jerry Tack reported. 2 new buoys were purchased. One was placed on Church Pine and one on Big Lake. We need volunteers for removing buoys in the fall. The channels are slowly filling in and we are targeting next fall for a dredge project. We are applying for a grant. The goal is to maintain 25 ft width and 3 ft depth.

Fish Stocking: Gary Ovick reported. Walleyes were stocked on all 3 lakes. Brown trout were stocked in Church Pine. Northern Pike were stocked in Church Pine and Big Lake.

Web Site: [www.bigroundpine.com](http://www.bigroundpine.com) Mary Hazzard presented and has re-designed the website. We have about 1700 views per month. It has been a great resource for staying current with meeting minutes. Everything is downloadable as PDF. Send info, photos, or swap meet info to [info@bigroundpine.com](mailto:info@bigroundpine.com). All public records are available on website.

Social Committee: Nancy Schlagel reported. Looking for volunteers.  
**Social Gathering is tonight! Door Prizes!**  
**Saturday, May 19, 6:00p.m. cocktails**  
**6:45 dinner at the Village Pizzeria in Dresser, WI.**  
Boat parade will be at 2 pm on July 4<sup>th</sup> with judging on Big Lake.

**Questions and public input:** One member asked about floating bogs on Church Pine. Steve Oswald will include this in the long-term plan.

Volunteer Opportunities: Please consider volunteering, we need many hours to put toward our grant status. Also, we will have 1 board position open in August.

Agenda items for August 25th, 2012 annual meeting: Please contact a board member for any agenda items you would like to see on the annual meeting agenda.

**Meeting adjourned at 11:20 a.m.**



# Welcome

Spring Informational Meeting  
May 19, 2012

# “A Perfect Day on a Wisconsin Lake”

- Produce By The Wisconsin Lakes Partnership
  - Wisconsin DNR
  - University of Wisconsin Extension
  - Wisconsin Lake Districts and Associations

**The Church and Pine, Round and  
Big Lake District Protection and Rehabilitation**





# Board of Commissioners

- |                |  |
|----------------|--|
| Heidi Hazzard  | Secretary & Clean Boats Clean Water Chair  |
| Helen Johnson  | Town of Alden Supervisor                   |
| Steve Oswald   | Aquatic Plant Mgmt. & Dam Inspection Chair |
| Gary Ovick     | Board Chairman                             |
| Jerry Schlagel | Commissioner (Until June 1, 2012)          |
| Jerry Tack     | Treasurer & Navigation Chair               |
| Tom Magnafici  | Polk County Supervisor                     |





# Committee Membership

## Aquatic Plant Management Committee

Steve Oswald	Big Lake	Committee Chair & Commissioner
Bruce Balck	Church Pine	
Tom Diaz	Big Lake	
Beth Hartman	Round Lake	
Brent Martin	Church Pine	
Tom Tinkham	Big Lake	
Hubert Wegele	Big Lake	
David Zanick	Church Pine	
Heidi Hazzard	Big Lake	Commissioner
Helen Johnson	Town of Alden	Commissioner
Bob Meyer	Church Pine	
Gary Ovick	Church Pine	Commissioner
Jerry Schlagel	Church Pine	Commissioner
Nate Wendt	Round Lake	

## Audit Committee (2011)

Jerry Tack	Round Lake	Committee Chair & Commissioner
Kelly Dudek	Big Lake	
Joel Hazzard	Big Lake	

## Clean Boats Clean Water Committee

Heidi Hazzard	Big Lake	Committee Chair & Commissioner
Helen Johnson	Town of Alden	
Bob Meyer	Church Pine	
Gary Ovick	Church Pine	Commissioner
Jerry Schlagel	Church Pine	Commissioner
Nate Wendt	Round Lake	
Tom Bach	Church Pine	

## Dam Inspection Committee

Steve Oswald	Big Lake	Committee Chair & Commissioner
Bob Meyer	Church Pine	

## Fish Stocking Committee

Nate Wendt	Round Lake	Committee Chair
Jerry Schlagel	Church Pine	Commissioner



# Committee Membership

## Legal Resource Committee

Bert Mckasy	Church Pine	Committee Chair
-------------	-------------	-----------------

## Navigation Committee

Jerry Tack	Round Lake	Committee Chair & Commissioner
Jerry Schlagel	Church Pine	Commissioner
Chuck Vacha	Church Pine	
Gary Ovick	Church Pine	Commissioner

## Water Patrol Committee

Tom Bach	Church Pine	Committee Chair
Jerry Schlagel	Church Pine	Commissioner

## Water Quality Committee

David Zanick	Church Pine	Committee Chair
Tom Tinkham	Big Lake	
Jerry Schlagel	Church Pine	Commissioner
Jeremy Williamson	Polk County	
Brent Martin	Church Pine	
Jerry Tack	Round Lake	Commissioner
Gary Ovick	Church Pine	Commissioner

## Website Committee

Mary Hazzard	Big Lake	Committee Chair
--------------	----------	-----------------

## Social Committee

Nancy Schlagel	Church Pine	Committee Chair
David Zanick	Church Pine	
Rachel Starbuck	Big Lake	
Jacq Hauser	Big Lake	
Jeanne Meyer	Church Pine	
Bev Medvec	Round Lake	



# PLEASE!

# VOLUNTEERS NEEDED

# PLEASE!

## CHURCH PINE, ROUND AND BIGLAKE PROTECTION & REHABILITATION DISTRICT

Volunteer Positions	Your Name	Telephone #	Email
<b>Board of Commissioners</b> Develop and execute plans to protect & rehabilitate the lakes in the District			
<b>Aquatic Plant Management Committee</b> Assist in the implementation of the Aquatic Plant Management Plan; Prevent & Control AIS			
<b>Water Quality Committee</b> Monitor water quality, interface with Polk Cty LWR department, pursue improved water quality			
<b>Clean Boats Clean Water (CBCW) Committee</b> Coordinate the monitoring of boat landings with inspectors and surveillance cameras.			
<b>Water Patrol Committee</b> Interface with Polk Co. Sheriff and Wapo Board to provide water safety via our Patrol Boat			
<b>Navigation Committee</b> Place and remove buoys; Monitor channel depth & procure dredging contractors			
<b>Dam Inspection Committee</b> Inspect annually, submit report and interface w contractors as required.			
<b>Audit Committee</b> Audit treasury activities and submit report annually			
<b>Web site Committee</b> Solicit and contribute articles and photos; manage attachments; respond to emails			
<b>Legal Resource Committee</b> Advise and assist Board on legal matters, WI Statute 33, Open Mtg Laws, Robert's Rules, etc.			
<b>Social Committee</b> Facilitate events to build community and volunteerism			



# Informational Meeting

9AM to 12PM

## Agenda

- Wisconsin Lakes Video
- Opening Remarks
- Treasurer's Report
- Aquatic Plant Management
- Clean Boats Clean Waters
- Water Patrol
- Break
- Water Quality
- Dams
- Navigation
- Fish Stocking
- Web Site "bigroundpine.com"
- Social Committee
- Questions & Public Input
- Closing Remarks



# Treasurer's Report

By Jerry Tack





**Church Pine, Round and Big Lake Protection and Rehabilitation District  
Annual Operating Plan (AOP) & Balance Sheet  
as of 12/31/2011**

Annual Operating Plan	2010 Actual	2011				2011 Approved Assumptions
		Budget	Actual YTD	Pending	Forecast EOY	
Reserve Balance Carried Forward	\$26,084	\$27,273	\$27,151	\$0	\$27,151	\$27,273
Interest Income (all accounts)	\$224.08	\$280	\$110	\$0	\$110	\$280
DNR Water Patrol Rebate	\$4,637	\$2,319	\$2,319	\$0	\$2,319	\$2,319
Insurance Rebate	\$560	\$0	\$520	\$0	\$520	\$0
Grant SPL-208-09 (Survey)	\$750	\$0	\$0	\$0	\$0	\$0
Grant LPL-1299-09 (APMP Preparation)	\$0	\$0	\$2,500	\$0	\$2,500	\$0
Grant AEPP-212-10 (CBCW)	\$0	\$11,745	\$11,745	\$0	\$11,745	\$11,745
Grant ACEI-099-11 (APMP Implementation)	\$0	\$0	\$18,452	\$0	\$18,452	\$0
Donation (Big Lake Store)	\$2,000	\$0	\$1,839	\$0	\$1,839	\$0
Lottery Credit	\$282	\$282	\$0	\$0	\$0	\$282
Sub Total (w/o Levy)	\$34,538	\$41,899	\$64,635	\$0	\$64,636	\$41,899
Levy	\$25,718	\$36,000	\$35,682	\$0	\$35,682	\$36,000
<b>Total Revenue</b>	<b>\$60,255</b>	<b>\$77,899</b>	<b>\$100,317</b>	<b>\$0</b>	<b>\$100,318</b>	<b>\$77,899</b>
Education and Travel	\$1,698	\$2,500	\$2,187	\$0	\$2,187	\$2,500
Aquatic Plant Mgmt Plan Preparation	\$8,561	\$0	\$0	\$0	\$0	\$0
Purple Loosestrife Control	\$615	\$1,000	\$763	\$0	\$763	\$1,000
Curley Leaf Pondweed Control		\$18,148	\$25,691	\$0	\$25,691	\$18,148
Native Plant Control for Navigation		\$545	\$0	\$0	\$0	\$545
AIS Monitoring		\$1,000	\$560	\$0	\$560	\$1,000
Eurasian Milfoil Rapid Response		\$2,500	\$2,500	\$0	\$2,500	\$2,500
Surveillance Cameras Purchase (ILIDS)		\$11,052	\$5,926	\$0	\$5,926	\$11,052
Surveillance Cameras Services		\$8,900	\$4,889	\$0	\$4,889	\$8,900
Clean Boats Clean Waters	\$5,314	\$9,691	\$12,832	\$0	\$12,832	\$9,691
Channel Dredging		\$6,000	\$6,000	\$0	\$6,000	\$6,000
Channel Buoys (Replacement)		\$1,300	\$694	\$0	\$694	\$1,300
Water Patrol Labor & Expenses	\$821	\$1,000	\$1,259	\$0	\$1,259	\$1,000
Insurance	\$1,993	\$2,000	\$2,136	\$0	\$2,136	\$2,000
Mailings and Newsletter	\$374	\$600	\$849	\$0	\$849	\$600
Website	\$690	\$1,000	\$808	\$0	\$808	\$1,000
Miscellaneous	\$1,274	\$1,000	\$2,968	\$0	\$2,968	\$1,000
Water Patrol Boat Loan Service	\$4,401	\$0	\$3,916	\$0	\$3,916	\$0
Meetings	\$1,034	\$500	\$500	\$0	\$500	\$500
Fish Stocking	\$6,000	\$4,000	\$5,839	\$0	\$5,839	\$4,000
Association Memberships	\$330	\$330	\$330	\$0	\$330	\$330
<b>Total Expenditures</b>	<b>\$33,104</b>	<b>\$73,066</b>	<b>\$80,645</b>	<b>\$0</b>	<b>\$80,645</b>	<b>\$73,066</b>
<b>Reserve Balance</b>	<b>\$27,151</b>	<b>\$4,833</b>	<b>\$19,673</b>		<b>\$19,673</b>	<b>\$4,833</b>

65% of \$3,568

Assumes, Project cost of \$13691 (\$9691 CBCW + \$4,000 ILID)

3 Commissioners to WAL mtg. and Board Travel

Purple Loosestrife Control (Herbicide & Beetles)

Herbicide Treatment of all CLP (25 acres). 1st treatment of 4 yrs.

Herbicide Treatment of Bay D (West Side of Big Lake)

Annual Diver Inspection for (AIS) Eurasian Milfoil

Non-lapsable fund to eradicate Eurasian Milfoil if found

1 time Expense for 2 units (potential for additional \$4K grant)

\$2850 one time installation + \$1600 first year service X 2

\$8 x 8 hr x 35 day x 4 Staff = \$8960 Inspector Cost + \$731 Misc

Church Pine to Round

4 New Buoys

Patrol Hours same as 2010

Workman's Comp and Liability for Board

Meetings notices & Printing costs

2010 run rate

Port-a-Potty and other

2011 payment was made in 2010 to save interest

Mtgs 2 District Mtgs @250 = \$500

**Account Balances as of 12/31/2011**

Checkbook	\$1,097	Lake Maintenance Fund	\$6,001
Money Market	\$18,576	Rapid Milfoil Response	\$2,501
<b>Total</b>	<b>\$19,673</b>	<b>Total</b>	<b>\$8,502</b>

**Total of all Accounts = \$28,175**



**Church Pine, Round and Big Lake Protection and Rehabilitation District  
Annual Operating Plan (AOP) & Account Balances  
4/30/2012**

Annual Operating Plan	2011 Actual	2012				2012 Approved Budget Assumptions	
		Budget	Actual YTD	Pending	Forecast EOY	Budget	
Reserve Balance Carried Forward	\$19,673	\$26,701	\$28,175	\$0	\$28,175	\$26,701	
Interest Income (all accounts)	\$110	\$350	\$19	\$331	\$350	\$350	
DNR Water Patrol Rebate	\$2,319	\$2,319	\$0	\$2,319	\$2,319	\$2,319	65% of \$3,568
Insurance Rebate	\$520	\$0	\$0	\$0	\$0	\$0	
Grant LPL-1299-09 (APMP Preparation)	\$2,500	\$0	\$0	\$0	\$0	\$0	Closed
Grant AEPP-212-10 (CBCW)	\$11,745	\$0	\$0	\$0	\$0	\$0	Closed
Grant ACEI-099-11 (APMP Implementation)	\$18,452	\$27,800	\$9,379	\$18,421	\$27,800	\$27,800	75% of "Grant Eligible" expenses
Donation (Big Lake Store)	\$1,839	\$0	\$0	\$0	\$0	\$0	Upside to support fish stocking
Lottery Credit	\$318	\$0	\$0	\$0	\$0	\$0	Included in Levy Budget
Sub Total (w/o Levy)	\$74,333	\$57,170	\$37,573	\$21,071	\$58,644	\$57,170	
Levy	\$35,682	\$24,934	\$14,369	\$10,565	\$24,934	\$24,934	
<b>Total Revenue</b>	<b>\$110,015</b>	<b>\$82,104</b>	<b>\$51,943</b>	<b>\$31,636</b>	<b>\$83,578</b>	<b>\$82,104</b>	
Education and Travel	\$2,187	\$3,500	\$2,055	\$1,445	\$3,500	\$3,500	5 Commissioners to WAL mtg/training, and Board Travel
Purple Loosestrife Control	\$763	\$1,250	\$0	\$1,250	\$1,250	\$1,250	Purple Loosestrife Control
Curley Leaf Pondweed Control	\$25,691	\$24,997	\$17,640	\$4,000	\$21,640	\$24,997	Herbicide Treatment, Surveys, & Permits for CLP.
Native Plant Control for Navigation	\$0	\$1,220	\$0	\$1,220	\$1,220	\$1,220	Potential Herbicide Treatment of Bay D (West Side Big Lake)
AIS Monitoring	\$560	\$1,000	\$0	\$1,000	\$1,000	\$1,000	Annual Diver Inspection for AIS
Eurasian Milfoil Rapid Response	\$2,500	\$5,000	\$0	\$5,000	\$5,000	\$5,000	Emergency non-grant funding for AIS control (Target \$15K)
Surveillance Cameras Purchase (ILIDS)	\$5,926	\$0	\$0	\$0	\$0	\$0	
Surveillance Cameras Services	\$4,889	\$2,240	\$0	\$2,240	\$2,240	\$2,240	ILID monitoring, Installation/Removal, Travel, Insurance,DSL
Clean Boats Clean Waters	\$12,832	\$9,100	\$0	\$9,100	\$9,100	\$9,100	Supplies \$650, \$450 Brochure, \$8000 Salaries (667hrs * \$12)
Lake Maintenance Fund	\$0	\$12,500	\$0	\$12,500	\$12,500	\$12,500	Dredging and Maintenance Fund (Target \$93K)
Channel Dredging	\$6,000	\$0	\$0	\$0	\$0	\$0	2011 \$6,000 to be deposited in Lake Maintenance Fund
Channel Buoys (Replacement)	\$694	\$347	\$364	\$0	\$364	\$347	2 Additional Buoys
Water Patrol Labor & Expenses	\$1,259	\$2,600	\$0	\$2,600	\$2,600	\$2,600	200 Patrol Hours
Insurance	\$2,136	\$2,069	\$0	\$2,069	\$2,069	\$2,069	Workman's Comp and Liability for Board
Mailings and Newsletter	\$849	\$600	\$0	\$600	\$600	\$600	Meetings notices & Printing costs
Website	\$808	\$1,500	\$0	\$1,500	\$1,500	\$1,500	Upgrade Software, Site Maintenance
Miscellaneous	\$2,968	\$4,326	\$13	\$4,313	\$4,326	\$4,326	Port-a-Potty, Supplies, Other & Budget Oversights
Water Patrol Boat Loan Service	\$3,916	\$0	\$0	\$0	\$0	\$0	Paid off in 2011
Meetings	\$500	\$500	\$84	\$416	\$500	\$500	2 District Meetings @250 = \$500
Fish Stocking	\$5,839	\$4,000	\$0	\$4,000	\$4,000	\$4,000	Same as 2011 Budget
Association Memberships	\$330	\$355	\$0	\$355	\$355	\$355	Run Rate
Water Quality	\$0	\$5,000	\$0	\$5,000	\$5,000	\$5,000	District net cost contingent on Water Quality Grant
<b>Total Expenditures</b>	<b>\$80,645</b>	<b>\$82,104</b>	<b>\$20,157</b>	<b>\$58,607</b>	<b>\$78,764</b>	<b>\$82,104</b>	
<b>Reserve Balance</b>	<b>\$29,370</b>	<b>\$0</b>	<b>\$31,786</b>	<b>-\$26,972</b>	<b>\$4,814</b>	<b>\$0</b>	

Grant Eligible

100%  
100%  
100%  
100%  
100%  
100%  
37%  
33%  
25%

**Account Balances as of 04/30/2012**

Checkbook	\$2,692	Lake Maintenance Fund	\$18,503
Money Market	\$3,090	Rapid Milfoil Response	\$7,502
<b>Total</b>	<b>\$5,781</b>	<b>Total</b>	<b>\$26,005</b>

**Total of all Accounts = \$31,786**



# Aquatic Plant Management

By Steve Oswald



"Daddy? What's THAT stuff?"

"Ya, Mr. Aquatic Plant Management  
Guy...what IS that stuff?"



What we have in Church Pine Lake is NOT the HARMFUL algae commonly referred to as "Blue Green Algae", but it is a result of too much Phosphorus being present.



What we have floating around Church Pine Lake the last few years is called "Filamentous Green Algae".

This type of Algae is commonly referred to as "Frog Spit".

We didn't have it before, so we could probably get rid of it if we tried. Probably transferred by ducks, but requires higher levels of phosphorous to survive...





5 bags of leaves = 1 lb. of Phosphorous = 500 to 1000 lb. of Algae!



# Aquatic Plant Management Plan

## “Implementation Update”

- 12/10/10 ... APMP Approved by DNR
- 04/01/11 ... Implementation Grant Approved
- Accomplishments To Date
 

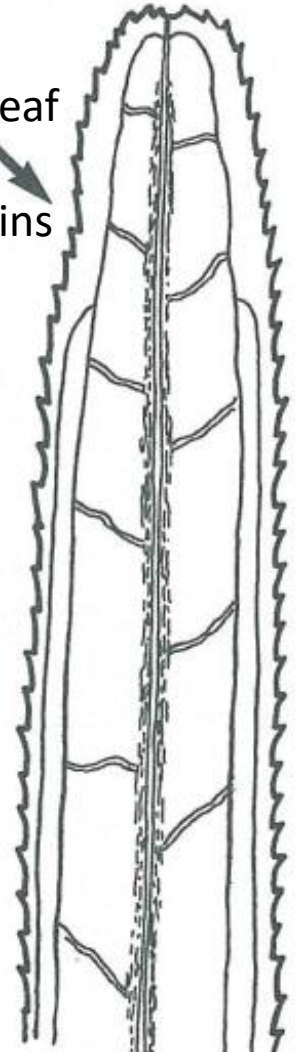
• AIS Control	<u>2011</u>	<u>2012</u>
• CLP Treatment	05/14/11	04/20/12
• PL Treatment	All Summer	Pending
• AIS Prevention		
• Diver Inspection	07/28/11	Pending
• Camera Install C.P.L.	08/05/11	
• AIS Education		
• AIS Educational Kiosks	08/24/11	
• AIS Identification	05/21/11 & 08/27/11	Pending



# Curly-Leaf Pondweed



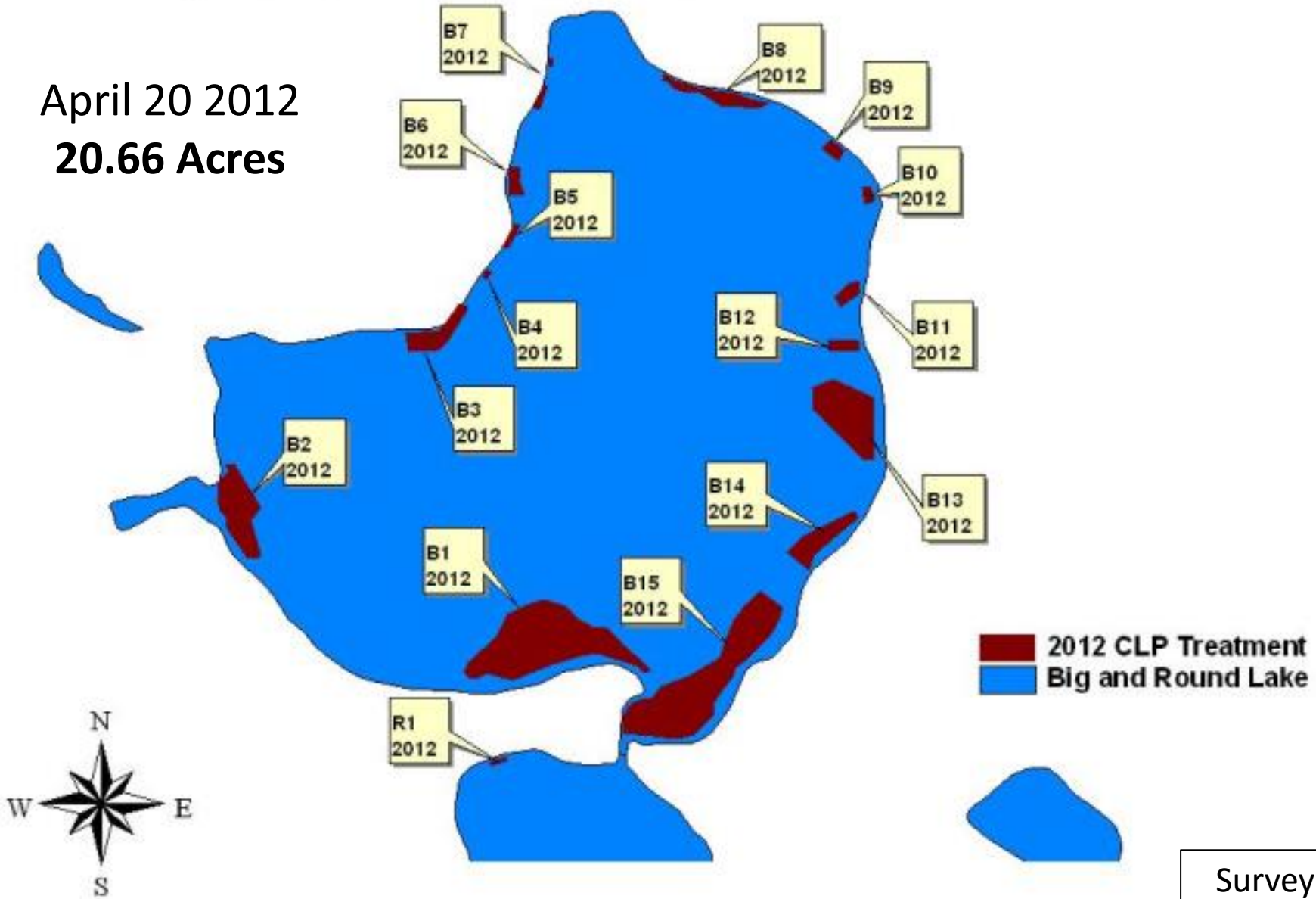
Serrated leaf margin & angled veins



# Big Lake/Round Lake 2012 CLP Treatment

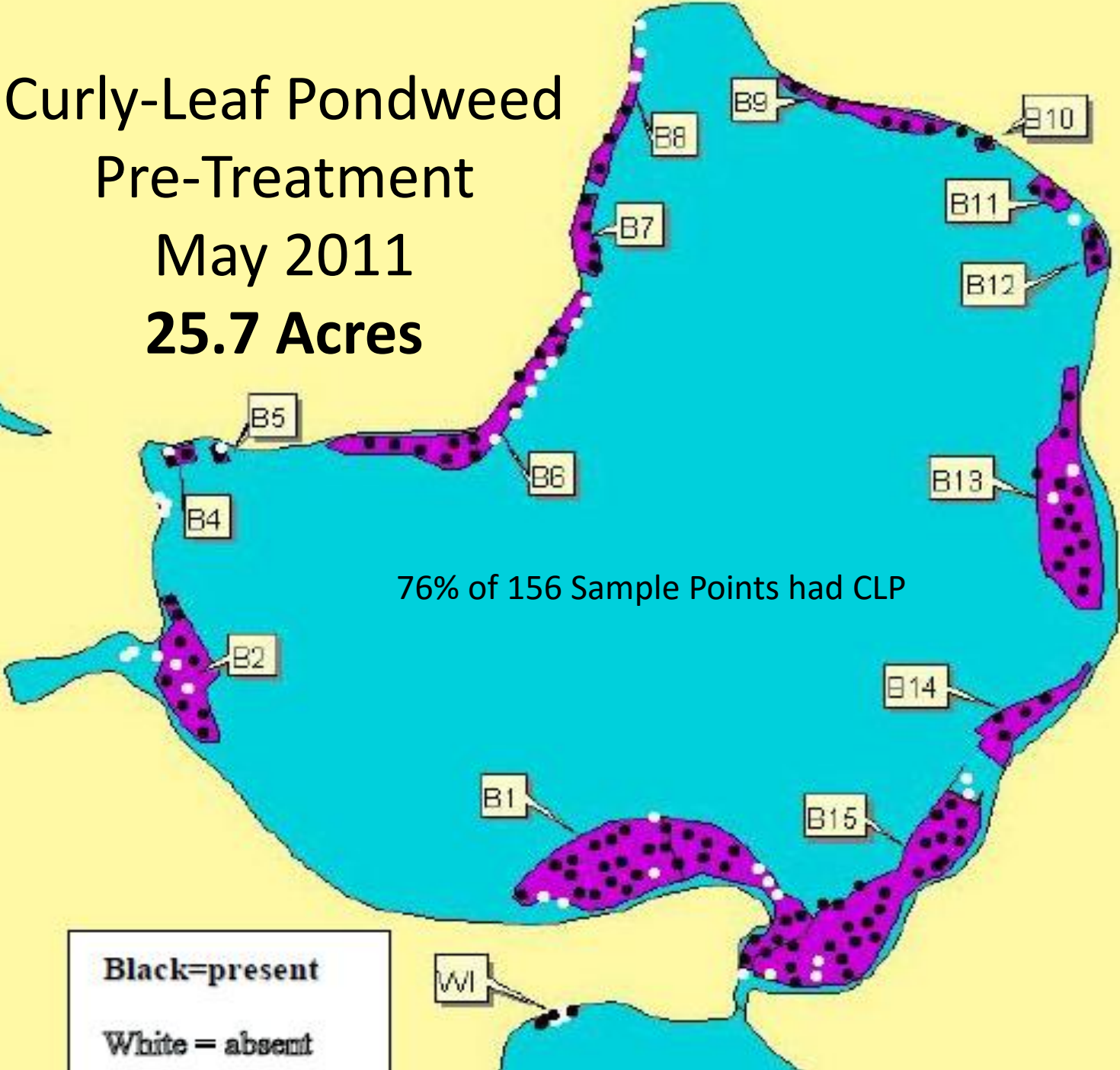
Control

April 20 2012  
20.66 Acres





# Curly-Leaf Pondweed Pre-Treatment May 2011 25.7 Acres



Treatment  
04/20/12

<i>Big Lake 2012 CLP</i>			
	Acres	Mean Depth(ft)	Acre-feet
B1	5.88	5.55	32.63
B2	1.95	5.3	10.34
B3	0.94	6.5	6.11
B4	0.04	6.5	0.26
B5	0.13	6	0.78
B6	0.27	5.1	1.38
B7	0.14	5.9	0.83
B8	0.82	6.56	5.38
B9	0.2	6.53	1.31
B10	0.13	7	0.91
B11	0.29	7.7	2.23
B12	0.29	6	1.74
B13	2.49	6.4	15.94
B14	1.06	5.7	6.04
B15	5.95	5.3	31.54
<b>Total</b>	<b>20.58</b>		<b>117.40</b>
<i>Round Lake 2012 CLP</i>			
	Acres	Mean Depth(ft)	Acre-feet
R1	0.08	4.2	0.34
<b>Grand total (both lakes)</b>	<b>20.66</b>		<b>117.74</b>

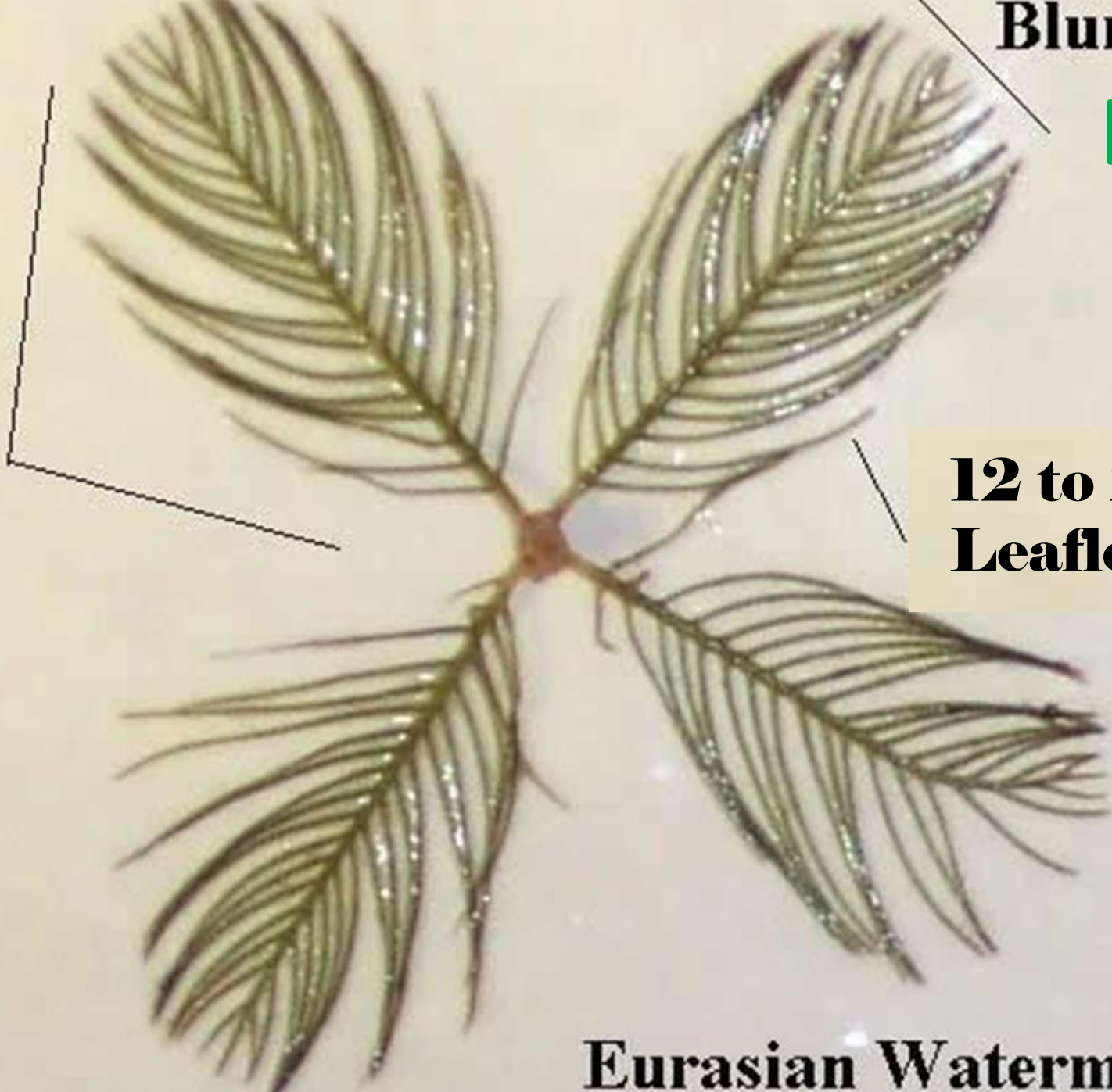
**Blunt tip**

Education

**Leaf**

**12 to 20  
Leaflets**

**Eurasian Watermilfoil**





# What if you think you found Eurasian Water Milfoil (EWM)?

1. Mark the location
2. Bag the sample
  - Do not fragment the plant ... it spreads by fragmentation!
3. Contact Lake District EWM ID Volunteers
  - Steve Oswald    (715) 294-3135                      (651) 248-8827 Cell
  - Gary Ovick        (715) 294-3988                      (715) 417-1770 Cell
4. If positive ... The Lake District Board will execute the Rapid Response Protocol per the Aquatic Plant Management Plan



# Purple Loosestrife





# Zebra Mussels



# Zebra Mussels

Education





# Clean Boats Clean Waters

By Heidi Hazzard





# STOP AQUATIC HITCHHIKERS

IS A NATIONAL CAMPAIGN THAT HELPS RECREATIONAL USERS TO SOLUTION TO STOP THE TRANSPORT AND SPREAD OF AQUATIC HITCHHIKERS

## IN WISCONSIN IT IS THE LAW...



**INSPECT** boats, trailers, and equipment

**REMOVE** all attached aquatic plants, animals, and mud before launching and before leaving the water access.

Many invasive species spread by attaching themselves to boats, trailers, and equipment and "hitchhiking" to another waterbody. Therefore, Wisconsin law requires that you remove these aquatic hitchhikers before you launch your boat or leave the access area.

**DRAIN** all water from your boat, motor, bilge, live wells, bait containers and all equipment before leaving the water access.

Many types of invasive species are very small and easily overlooked. In fact, some aquatic hitchhikers, like zebra mussels, are invisible to the naked eye. To prevent the transport of these aquatic hitchhikers, drain water from all equipment before you leave the access area.



For more information visit: [DNR.WI.GOV](http://DNR.WI.GOV) and search "bait laws"



Draining bilge and water well like in river water can prevent the spread of aquatic hitchhikers from one waterbody to another.

### NEVER MOVE

plants or live fish away from a waterbody.

In Wisconsin, it is illegal to transport any aquatic plants, mud, live fish or live fish eggs away from any state waterbody. This includes live garfish and roughfish, like gizzard shad. There are exceptions for minnows obtained from a Wisconsin licensed bait dealer or registered fish farm, which may be transported away from and used again.



- On the same waterbody, or
- On any other waterbody if no lake or river water, or other fish were added to their container.

### BUY

minnows from a Wisconsin licensed bait dealer.

For more information on collecting your own minnows visit:

[DNR.WI.GOV](http://DNR.WI.GOV) and search "VBS Prevention"



### DISPOSE

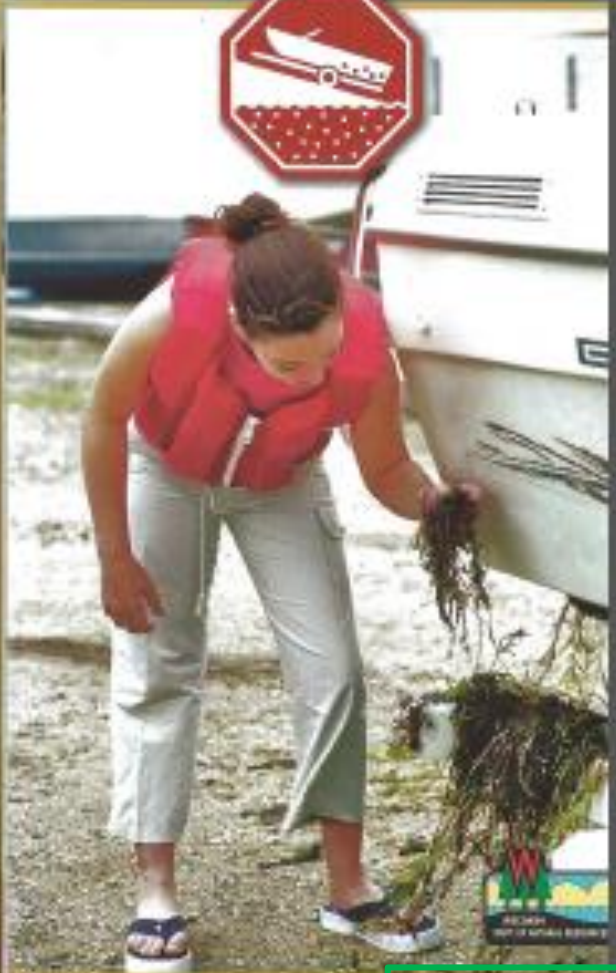
of unwanted bait and other animals or aquatic plants in the trash.

If possible, dispose of ALL unwanted bait (including earthworms) in a trash can at the boat landing or access point. Otherwise, take them home and dispose of them by placing them in the trash, composting them, or using them in a garden as fertilizer. Likewise, other aquatic plants or animals that you collect, or buy in a pet store, should NEVER be released into the wild.



Whenever possible, dispose of unwanted bait in the trash at your access point. Never release them into the environment.

# STOP Aquatic HITCHHIKERS



Education





# Water Patrol Committee

By Tom Bach





# Water Patrol Committee

- New Chair for Big/Church/Round
  - Tom Bach, Church-Pine
  - 612.578.5274
  - [tom.j.bach@gmail.com](mailto:tom.j.bach@gmail.com)
  
- Wapogasset Chair Dave Nelson
  - 715.928.2656
  - DaveVi@amerytel.net



# Water Patrol Basics

- Boat jointly owned by B/C/R and Wapo
- Sheriff's office leases boat from us
- Cost of patrol partially funded by state (~70%)
- "Performance measures" (citations, warnings) must be met to qualify for funding



# Water Patrol

- Good news!
  - Shirley Rossing is BACK !
- Primary patrol responsibility
- Contact info: Office 715.485.8387  
Email: [Shirley.Rossing@CO.Polk.WI.US](mailto:Shirley.Rossing@CO.Polk.WI.US)
- Sheriff non-emergency: 715.485.8300





# Water Safety Patrol 2012 Season

Polk Co. Sheriff Deputy 934, Shirley Rossing  
Polk Co. Sheriff Deputy 944, Adam Birr  
Polk Co. Sheriff Deputy 931, Jeff Hahn  
Sheriff Dept. Non-emergency 715/485-8300

715- 485-8387 office

715-220-8535 cell

[Shirley.rossing@co.polk.wi.us](mailto:Shirley.rossing@co.polk.wi.us) office

[rossings@amerytel.net](mailto:rossings@amerytel.net) home





# Schedule

---

- Every weekend weather permitting, at least one day each weekend.
  - i.e. Friday – Big Lake, Sat. – Wapo., Sun. – Big Lake

Fourth of July Parade – Big Lake

Fourth of July Fireworks – Wapo

Other days of week as needed.



# Boat Safety Tips

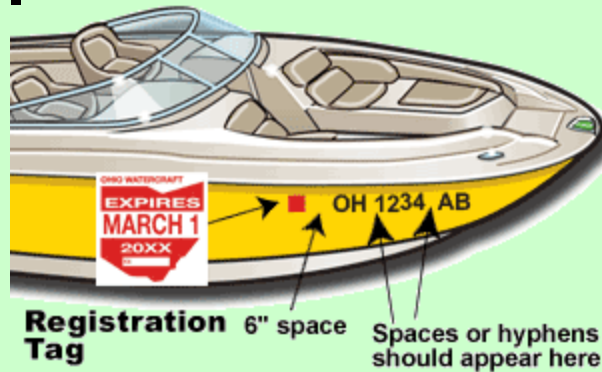
---

## Boating safety equipment

- Keep the fun on the water coming -- whether it's a fishing boat, a canoe, or a personal watercraft that "floats your boat."
- Operator inexperience, inattention, recklessness, and speeding are the four leading causes of tragic watercraft crashes and the leading cause of death is drowning.
- Crash statistics indicate boaters who wear life jackets and take boater safety courses are most likely to stay safe on Wisconsin waters.
- Follow these basic safety tips and enjoy Wisconsin's great lakes and rivers with family and friends

# Registration

- Place registration and numbers properly.





# NAVIGATION

---

- **Follow navigation and other rules on the water.**
- Never allow passengers to ride on gunwales or seatbacks or outside of protective railings, including the front of a pontoon boat. A sudden turn, stop or start could cause a fall overboard.
- After leaving the boat launch, maintain slow-no-wake speed for a safe and legal distance from the launch.
- Load boat safely, without gunning onto the trailer.
- Clean boat/PWC and trailer of all weeds and debris when leaving the launch. Clean trailer bunks with a mixture of ammonia and water.



# Navigation

---

- **Loading and unloading your boat.**
- Overloading a boat with gear or passengers will make the boat unstable and increase the risk of capsizing or swamping. Abide by the boats capacity plate which located near the boat operators position.





# UNLAWFUL OPERATION

---

- Negligent or Reckless Operation
  - Jumping a wake of any vessel that is towing a person
  - Operate a motorboat at excess speed of slow, no wake within 100 ft. of shoreline, PWC's within 200 ft. of shoreline.
  - Weaving
  - Creating a hazardous wake
  - Operate a boat with passengers riding on the bow, deck, gunwale, transom, seat backs, seats on raised decks, or any other place where there may be a chance of falling overboard.



# Common Violations

---

- Born 1989 and after need Boater Safety Class to operate motor driven crafts. Carry your certificate with you.
- PFD's - Have a U.S. Coast Guard-approved life jacket for each person onboard and one approved throw able device for any boat 16 feet and longer. The DNR recommends that everyone wear their lifejackets while on the water.
  - Necessary and required
  - All children under 12 must wear PFD
  - Receive most citations
- 100 ft. rule:
  - Required for all PWC's to operate
  - Slow-No Wake within 100 ft. of docks
- Hazardous operation.



# Patrol Website

---

<http://dnr.wi.gov/>

- *General Information 1-888-WDNRINFO / (1-888-936-7463) | Hours: 7 a.m. - 10 p.m.*

*101 S. Webster Street . PO Box 7921 .*

*Madison, Wisconsin 537*

*2621*



*-266-*

# DNR Tip Line

## Report Violations

---

CALL 1-800-TIP-WDNR (1-800-847-9367)  
or #367 from your cell phone.

Northern Region: 810 W. Maple St.  
Spooner, WI 54801, 715-635-2101

To report a violation not in progress, send an e-mail to:

[le.hotline@dnr.state.wi.us](mailto:le.hotline@dnr.state.wi.us)





# Polk County Wardens

---

- Southern Polk County DNR Warden
  - C182 – Shawn Tyznik, 715-416-3510
  
- Northern Polk County DNR Warden
  - C147 – Jesse Ashton, 715-472-2253



# LAKE ASSOCIATION WATER PATROL

---

HAVE A WONDERFUL, SAFE SUMMER  
BOATING ON OUR WATERS!





# Break!

10 Minutes Please



# Water Quality Committee

By David Zanick



Polk County Land and Water  
Resource Department

&

The Church Pine, Round and Big Lake  
P&R District

**Awarded a grant to study water quality !**



# Polk County Water Quality Specialists

- Jeremy Williamson
- Katelin Holm





As you listen to Katelin's presentation, please be thinking about what your role might be.

The more time that all of us put into the study, the less cost to the District and the more that we will learn about our lakes!



Big, Round (Wind), and  
Church Pine  
Lake Planning Grant  
Award: \$21,825.10

Polk County Land and Water  
Resources Department

Katelin Holm

5.19.12

# District Obligations

---

- Up to \$5,000 and 300 volunteer hours
- What can count towards \$5,000
  - Postage/printing costs
    - Survey
    - Newsletters
  - Pontoon use
  - Extra volunteer hours
    - Value of \$12/hour



# Components of the study

- Physical/chemical data
  - In lake (3 sites)
  - Inlets (4 sites)
- Algae
- Zooplankton
- Watershed delineation
- Lake level/precipitation
- Sociological survey
- Shoreline survey
- Meetings and education
- Final plan generation



# Lake level/precipitation

- Volunteers
  - Heidi Hazzard
  - Jerry Tack
  - Gary Ovick

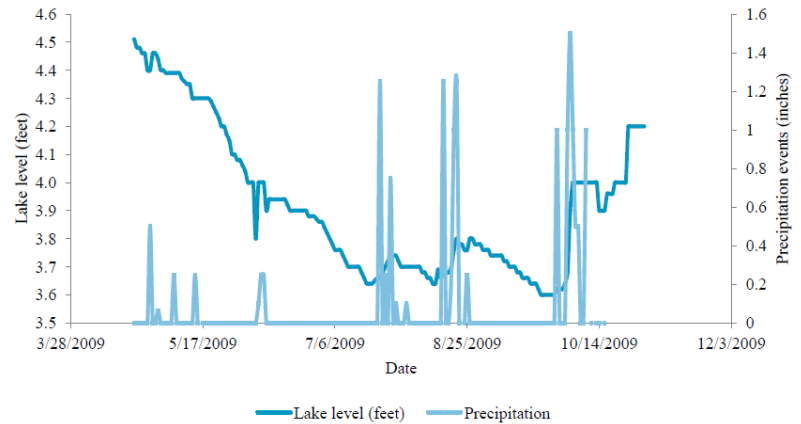


Figure 24. Big Butternut Lake level and precipitation monitoring profile, 2009.

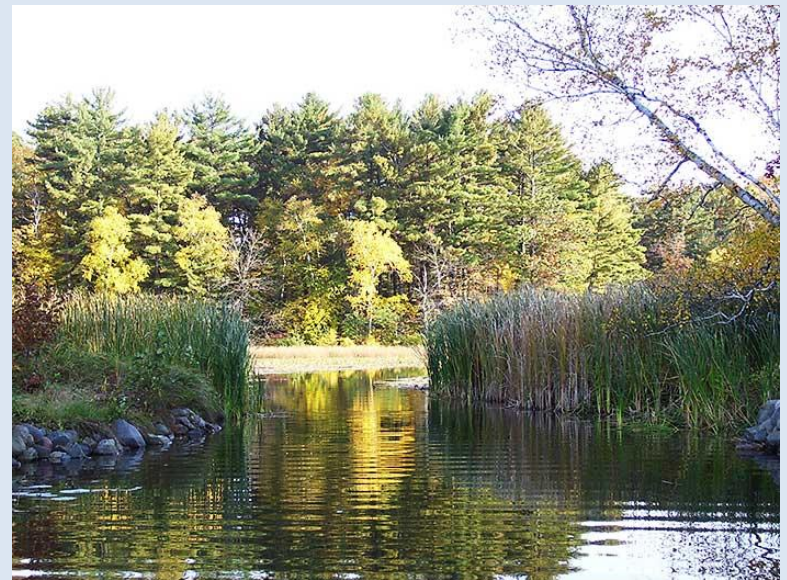
- Purpose
  - Track and understand lake level changes



# Sociological survey

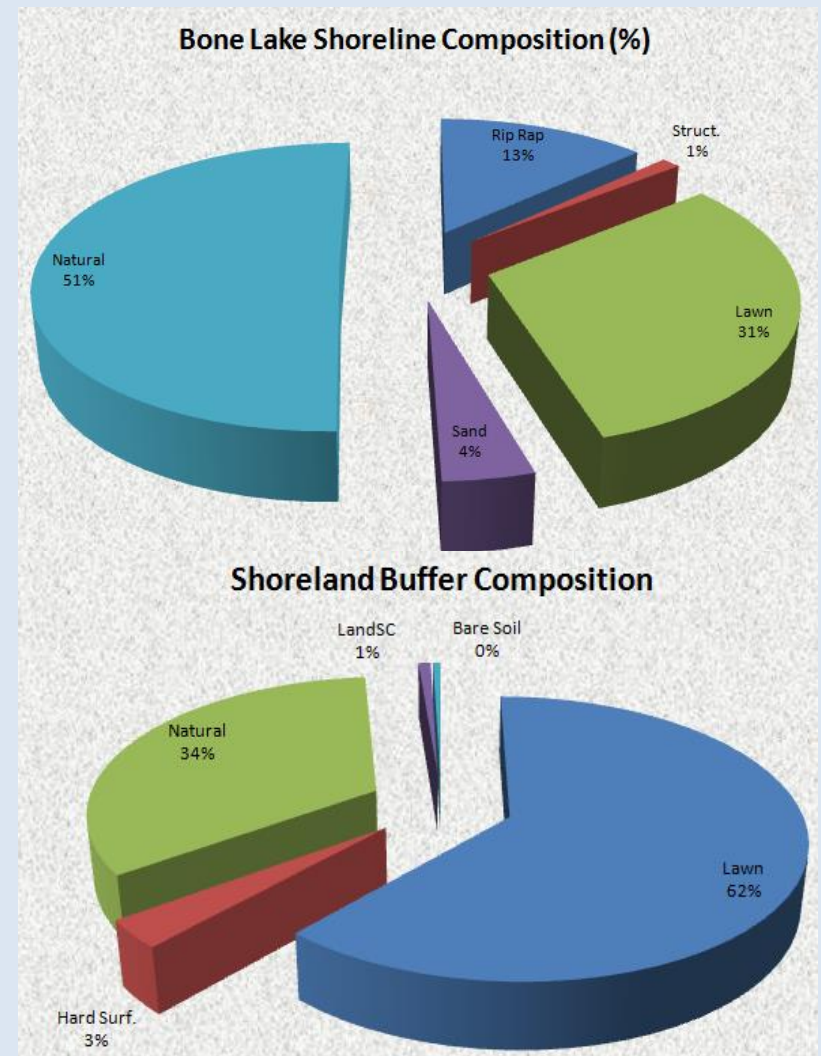
---

- Mailed May 1<sup>st</sup>
- Purpose
  - Public input for final plan
  - Identify interest in shoreline restoration workshop



# Shoreline survey

- Volunteer needs
  - 3 to 4 people
  - Late summer to fall
- Purpose
  - Sensitive areas
  - Erosion issues
  - Fish habitat





			Shoreline	Bank	Upland to 35'											Woody	Comments
Parcel Number	Date	Name (opt.)	Length (ft.)	(ft.)	Rip Rap	Struct.	Lawn	Sand	Natural	Lawn	Hard Surf.	Natural	LandSC	Bare Soil	TOTAL	Debris (y/n)	



# Meetings and education

---

- Volunteer needs
  - Water quality committee
  - Attendees of education events
- Purpose
  - 5 meetings
  - Pontoon classroom
  - Shoreline restoration workshop



# Final plan generation

---

- Volunteer needs
  - Reviewers of plan
  - Post for review and comment
    - Newsletter, website, paper, etc
- Purpose
  - Necessary for future grant applications





# Total volunteer hours

---

- Lake level/precipitation = 120 hours
- Sociological survey = 24 hours
- Shoreline survey = 32 hours
- Meetings/education = 120 hours
- Final plan generation = 24 hours

320 hours



# Volunteer Activities

- Assist in data collection
- Participate in pontoon classes



Through knowledge we will become better stewards of our lakes.



# Goal of this study

- Identify the elements that impact the quality of the water.
- Develop management practices to improve and protect water quality.



# Volunteers ?







# Dam Inspection Committee

By Steve Oswald

# Big Lake's Two Dams





# THE HISTORY OF THE BIG LAKE OUTLET AND MILL POND DAMS

UPDATED MARCH, 2012

## 1883: ORIGINAL CONSTRUCTION OF MILL POND DAM AND BIG LAKE OUTLET

Both wooden structured with a waterwheel at the Mill Pond (Wier) Dam. Approximate head was 15 to 17.5 feet. It was used to generate mechanical power to run a Grist Mill. Upper outlet was constructed lowering the level of the natural outlet (dredging) and a wooden spillway was built to control the water level to the mill pond to provide a steady flow of mechanical power. Maximum outlet height was 96.80 feet (PSC datum). Normal Big Lake levels established at 95.35 and 96.33 feet. Research has determined that lake levels were to be regulated by the Railroad Commission of Wisconsin per Treaty(ies) with the Native Americans.







- 1924: MILL POND DAM CEASED TO BE USED FOR POWER GENERATION
- 1924: OWNER OF MILL POND RE-BUILDS OUTLET  
Water level controlled by wooden flume.
- 1938: SECOND MILL POND DAM BUILT  
Project of the Polk County Sportsman's Club. The purpose was for a fish rearing pond within the ¼ mile area formerly occupied by the mill pond.  
Is there any fish releases currently within the Mill Pond?
- 1938: SECOND BIG LAKE OUTLET SPILLWAY CONSTRUCTED.  
Also a project of the Sportsman's Club. Concrete construction, adjustable.
- 1940: PUBLIC SERVICE COMMISSION ORDERS DAM ALTERED, MINIMUM AND MAXIMUM HEIGHTS RECORDED  
Public Service Commission records normal lake levels of Big Lake to be between 95.35 feet and 96.33 feet. PSC orders lake levels to be no higher than 94.46 feet. PSC orders outlet dam width to 10 feet.
- 1952: PUBLIC SERVICE COMMISSION ORDERS NEW MIN & MAX LEVELS  
The PSC issues new high water level to be 96.5 feet. Minimum level to be 95.5 feet. With a maximum level to be held at 96.0 feet until spillway was enlarged to meet 10 foot requirement.
- 1956: NORTH LANDS DEVELOPED  
Public road now encompasses the Big Lake Outlet's north side. The current Big Lake Outlet spillway is approximately 20 feet west of the north corner of the 60 foot public road. (Map).
- 1962: PUBLIC SERVICE COMMISSION RECOMMENDS RE-CONSTRUCTION OF BIG LAKE OUTLET  
Recommended construction of a new dam with a spillway of 10 feet wide and a spillway elevation of 95.50 feet. Please reference Navigatibile Waterways and spillway width-minimum laws...
- 1967: NEW DAM OUTLET CONSTRUCTED  
Spillway was changed to 10 feet wide and a spillway elevation of 96.47 Feet. Spillway elevation was constructed at an elevation 0.97 ft.; (1) foot above the recommendation of the PSC.
- 1967: PSC BECOMES DNR
- 1968: PUBLIC DISPUTE – COURT CASE FILED TO RAISE AND ENLARGE OUTLET SPILLWAY (July 10, 1968)  
Case stayed as no ownership was established.





1968: DEED TRANSFER OF BIG LAKE OUTLET FROM PRIVATE PARTY TO TOWN OF GARFIELD

Lands owned by private parties at Big Lake Outlet now all owned by Town of Garfield. (July 11, 1968). **Unknown is when DNR received Easement Rights to the property South of the Big Lake Spillway (Map).**

1968: TOWN OF GARFIELD CONTINUES COURT DISPUTE (1968 Case)

August 14, 1969. Town of Garfield joins dispute. On October 16<sup>th</sup> 1969: Change requested based on a previous **Order** which established a maximum and minimum levels in 2-WP-469, and 2-WP-870 (which is about the same as the ordinary high watermark), since flowage rights existed only up to that level. Flowage rights established through the Railroad Commission of Wisconsin. **No document or date on file.** Request is for 1 foot above previous high water mark. Existing level is at 1' above mark with **no flowage rights** to be requested beyond the existing request.

1970: FINDING OF FACT AND ORDER – BEFORE THE DNR

Much of the information within this History prior to 1970 is contained in this Document dated 2/26/1970.

1980: WISCONSIN DNR INSPECTION REPORT OF MILL POND DAM

Dam washed out in late March, 1980. Inspection of washed out mill pond dam was on September 2, 1980. First note filed that the mill pond dam acts as a carp barrier (invasive species).

1982: LAKES DISTRICT IS FORMED – INCLUDES SANITARY DISTRICT (?)

**No solid documents in Dams file...**

1984: INVESTIGATION BY DISTRICT BOARD FOR RE-CONSTRUCTION OF WASHED OUT DAM AT MILL POND AS BARRIER TO INVASIVE SPECIES

**Mentioned, need Reference Doc.**

1985: PERMIT FOR MILL POND DAM CONSTRUCTION SUBMITTED

On November 1, 1985 the DNR received the Permit Application to re-construct the mill pond dam.

1985: MILL POND DAM SITE IS ACQUIRED BY LAKE DISTRICT

On September 6, 1985, the land at the dam site was Quit Claimed to the District. (including an easement to town road).

1986: THIRD MILL POND DAM BUILT

Starting in June, 1986, construction of the the mill pond dam began. This structure was to be an earthen dam. **(Photos)**



1990: LAWSUIT OVER LAKE LEVELS AND BOARDS IN OUTLET

On January 26, 1990, the DNR corresponds with E. A. Needels Stating that any time a plank is in the outlet mouth, the lake would be above its authorized level: (426-D) benchmarked by chisel mark on right abutment wall of dam.

1995: DOCUMENTATION OF MAJOR RAINFALL OVER 8 DAYS

On August 22, 1995, the Needels' and 2 other parties recorded an 8 day rainfall of 9.5 inches from August 7 through the 14<sup>th</sup>. Documentation of flooding and subsequent lake level drops recorded.

1996: TAX EXEMPT STATUS FOR PROPERTY OF MILL POND DAM SITE DOCUMENTED

Document on file.

1996: DNR DECREES THAT NO BOARD MAY BE INSTALLED AT OUTLET

On August 6, 1996, the DNR decrees that Big Lake water levels are 96.5 feet maximum and 95.5 feet minimum. Any board in outlet spillway would be in violation of said maximum.

1997: DISTRICT DISPUTES HIGH WATER BENCHMARKS

In a letter to the DNR dated May 21, 1997, a District Board Member, states that some confusion exists regarding actual high water mark and recorded benchmarks.

1997: DNR DECREES THAT BOARDS IN OUTLET SPILLWAY ARE TO BE REMOVED PERMANENTLY

On August 6, 1997, the DNR again stated that the spillway is a fixed crest. The elevation is 96.5 feet (already set at the maximum allowable height). The DNR recommends permanent removal of boards and metal brackets.

1998: DNR FINDS STOP LOG IN SPILLWAY – ORDERS ITS REMOVAL

On November 3, 1998, a steel stop log was found in spillway of outlet raising the lake level to 96.7 feet – exceeding the 96.5 feet maximum. On November 23, 1998, the DNR sent a letter to the District requiring the removal of said stop log.

2000: DISTRICT RESIDENTS COMPLAIN OF LOWER LAKE LEVELS

In a letter to the DNR dated May 28<sup>th</sup>, 2000, a complaint to the DNR was sent stating that all, but one member of the District would prefer the level of the lake be 3.5 inches higher – requesting that the stop log be put back in.







2002: DISTRICT AUTHORIZES REBUILDING MILL POND WIER DAM

District fall meeting authorizes Graham Construction of Deer Park to re-Construct the north side of the mill pond dam. Work to be in fall/winter/spring of 2002/2003.

2003: MILL POND REPAIRS COMPLETED

(Photos).

2004: OUTLET REPAIRS MADE

Sometime in 2004, the District volunteers reconstructed the north side of the Big Lake outlet. Unfortunately, the benchmark (426-D) was destroyed in the process. No permit was issued. (Photos).

2005: DNR AGREES TO POST-AUTHORIZATION OF OUTLET REPAIRS

In a letter dated January 25, 2005, the DNR considers repairs made to the Big Lake outlet to be necessary and appropriate, and agreed to previous verbal authorization.

2005: LAKE LEVEL MONITOR RESIGNS

In a letter dated September 20, 2005, Ey Needels resigned as a volunteer monitor of Big Lake water levels.

2009: DISTRICT BEGINS INVESTIGATING DAM INSPECTION PROCESSES

In a letter dated January 8, 2009, Northern Environmental (Now Bonestroo) offers Dam inspection services.

2009: DISTRICT BEGINS INVESTIGATION OF GRANT STATUS FOR FUTURE REPAIRS/RECONSTRUCTION OF DAMS

In a letter dated September 9, 2009, Bonestroo (formerly Northern Environmental) announces potential funding availability through the Dam Safety Aid program at the DNR.

2011: A VISUAL DAM INSPECTION REVEALS NO CHANGE

The Dams Committee inspected the Dams and no visible change from previous inspections was noted. Videos are posted on District Website.

2011: DISTRICT OBTAINS PHOTOS AND DETAILED MAPS OF DAMS AND ADJACENT PROPERTIES

Maps to be available on the District website by the Summer of 2012.

2012: DISTRICT RECEIVES PROPOSAL FOR DAMS INSPECTION

In a letter dated March 13, 2012, Civil Engineer Warren White, PE, proposes taking on the Dam Inspection job. In addition Mr. White proposes verifying existing benchmarks. Also, Mr. White would analyze lake level records, reconcile benchmarks (past and present) and provide an interactive and expandable database spreadsheet from which to move



forward. Mr. White's fee for said services would be \$1,200.

#### 2012: DAMS COMMITTEE INSPECTS DAMS

On March 25, 2012 the Dams Committee made a visual inspection of the Dams and found no change from the previous year. Steve Oswald and Dave Dudek performed inspection with Bob Meyer consulted. **There is an issue with debris and clearing of debris that needs addressing. In addition, based on a previous history of plant growth leading to failure, clearing both Dam Sites of trees is recommended.**

#### 2012: DNR CONFIRMS MILL POND DAM IS "INVASIVE SPECIES BARRIER".

On March 28, 2012, the Dams Committee Chair, Steve Oswald contacted the DNR referencing the Mill Pond Dam's purpose of "being an Invasive Species Barrier" and which species are potentially invading. On April 3, 2012 Terry Margenau, the Fisheries Supervisor, St. Croix Basin at the DNR responded that there are carp in the Horse Creek system. He also mentioned that Sturgeon are a potential invasive species. At present, the Mill Pond Dam is an effective barrier for Big Lake **if carp are not currently present.** Terry also informed Steve that there is a new Biologist for Polk & Barron Counties by the name of Aaron Cole, out of the Barron office. He will be our future contact.



#### 2012: COMMITTEE CHAIR INVESTIGATES FLOWAGE RIGHTS AND THE ESTABLISHMENT OF LAKE LEVELS

Ongoing investigation reveals a Precedent Case involving attempting to change Lake level flowage rights:

<http://www.rkld.org/Portals/0/documents/hearing/RKLDsurreplyBrief9-22-06.pdf>

The investigation of "Flowage Rights" revealed that the Wisconsin Railroad Commission became the Regulatory Authority for Flowage Rights (establishment of OWHW mark). **Exact dates of Big Lake levels to be further investigated.**



















# Navigation Committee

By Jerry Tack



# Annual Buoy Placement







# Fish Stocking

By Nate Wendt

# Fish Stocking 2011



# Fish Stocking History

## Fish Stocking History

All available data as of 12/07/11

	Church Pine Lake				Round Lake			Big Lake				Total Fish	Cost
	Walleye	Brown Trout	Rainbow Trout	Northern Pike	Walleye	Brown Trout	Rainbow Trout	Walleye	Brown Trout	Rainbow Trout	Northern Pike		
2000				835							2071	2906	
2001												0	
2002				830							2160	2990	
2003	500				300			2500				3300	
2004								1500				1500	
2005	2000							2000				4000	
2006	2000							2000			518	4518	
2007								2000				2000	
2008								2362			488	2850	\$ 4,000
2009		2000			300			600				2900	\$ 4,000
2010		720	180		300			1830				3030	\$ 6,000
2011	1160				200			1800				3160	\$ 5,839
2012												0	
2013												0	
Total	5660	2720	180	1665	1100	0	0	16592	0	0	5237	33154	\$ 19,839



# Web Site

By Mary Hazzard



#### AQUATIC PLANT MANAGEMENT NOTICE



The Church Pine, Round and Big Lakes P&R District is applying for a permit from the Wisconsin DNR to treat about 25 acres on Big Lake and 41 acres on Round Lake with the aquatic herbicide

Endothal to control the invasive plant curly leaf pondweed. This proposed treatment would occur between April 15 and June 1, 2012. The treatment is according to the Aquatic Plant Management Plan approved by the Wisconsin DNR. The membership approved the budget for the treatment at the 2011 annual meeting.

#### SEEN AROUND THE LAKES



Purple Locoforte cages containing the Galerucella beetles. The beetles eat the leaves maintaining the amount of seeds plants produce. Roughly 10 beetles are added to each plant cage when the plants are 18" tall. When the 20 have multiplied to 100+, they are released into the wetlands. During this process, the PL plants are kept in shallow swimming pools and the water is rotated so that the mosquitoes have less chance to breed.



## Welcome

Church Pine, Round and Big Lake Protection and Rehabilitation District website

#### About Our Lakes



Find out unique information on each of the Lakes such as size, habitat and more...

#### Swap Meet



See what your neighbors are selling in gently used and new items for sale.

#### Photo Essays



Meet your neighbors, submit photos of District and family events. Check back often.



#### BOARD MEETINGS

Effective April, 2011: New board meeting schedule will include 9 monthly meetings on the 2nd Monday of each month at 6 p.m. at Alden Town Hall, located at 183 155th Street, Star Prairie, WI 54026. The months of January, February and November will not have scheduled meetings. All District Members are invited to attend.

Spring Member Meeting: Sat., May 19, 2012  
Fall Annual Member Meeting: Sat., Aug. 25, 2012



#### District Management

Shoreline management, invasive species control, good stewardship, District Fun Facts.



#### AIS Studies

Current and past Aquatic Plant Management Study Surveys and Plans.



#### Spot It, Local Flora and Fauna

Have you seen me? Check out the varied local flora and fauna.



#### Miss Manners

Pointed tips and broad hints for keeping our lakes clean and safe!



#### Naturalist's Calendar

Monthly calendar including average temps, sun angle, migrations and hibernation patterns, local sites...



#### Community Bulletin Board

Save the date! District Spring General meeting date is Sat. morning May 19, 2012.

Save the date! District Social at the Dresser Village Pizzeria on Sat, evening May 19, 2012.



#### District History Overview

Thought you were done with Geology, History and Geography? The three lakes are steeped in it - read on!



#### Recreation Page

Places to go, people to see, things to do...



#### District History Overview

Thought you were done with Geology, History and Geography? The three lakes are steeped in it - read on!



#### Links to Websites

Making it easy for you to buy a boating, snowmobile or fishing license, find maps, and navigate Wisconsin laws.





## Church Pine, Round and Big Lake Protection and Rehabilitation District website

- Home
- About Our Lakes
- Swap Meet
- Photo Essays
- Meetings
- District Management
- Community Bulletin Board
- AIS Studies
- District History Overview
- Spot It, Local Flora and Fauna
- Recreation Page
- Miss Manners
- Naturalist's Calendar
- Links to Websites
- Extra Button

### AIS STUDIES

AQUATIC PLANT MANAGEMENT 04/04/11

**GIVEN DNR APPROVAL WE WILL TREAT THE CURLY LEAF PONDWEED IN BOTH ROUND AND BIG LAKES IN THE APRIL 15 TO JUNE 1 TIME-FRAME.**

PERMIT APPLICATION BIG LAKE 2011.PDF

PERMIT APPLICATION ROUND LAKE 2011.PDF

WORKSHEET FOR LARGE SCALE- BIG LAKE 2011

**OUR APM PLAN HAS NOW BEEN APPROVED BY THE DNR!**

Here are two documents pertaining to our plan approval:

**AIS REVIEW TEMPLATE** ... A summary of the DNR issues with the plan and our responses.

**THE COMPLETE APPROVED VERSION OF THE FINAL APMP**

The most significant issue with our plan was that the DNR will not approve permits by individual residents for herbicide treatments or mechanical harvesting in their 30 foot corridors without Lake District approval. The passive (no one involvement) approach that we took in our submitted plan was not acceptable. So ... The Board changed the plan to require the approval of the APMP committee chair's review and approval.

The good news is that the DNR did not have any issues with our aggressive total treatment of all CLP.

#### Other Happenings:

-The Board has hired Cheryl Clemens to prepare a grant application to attempt to recover some of our CLP treatment costs. While very competitive this year, we should know the results in the spring.

-A request for bids to apply CLP herbicide treatment will be published this week. The Board will meet on January 18th at 6pm (Alden Town Hall) to select a contractor from the bids received. All committee members are welcome.

-As you may recall from our plan, one of the proposed future actions was to do a water quality study. Saturday the Board approved supporting Polk County's grant application for funding a Water Quality Study on our three lakes! This grant will be managed by Polk County but will require the District to provide approximately 555 volunteer hours. Like the Aquatic Plant Management Plan... the Water Quality Study will form the foundation for future actions. We will find out why Big Lake turns green. The current Water Quality committee consists of Dave Zarick - Chair, Tom Tinkham, Jerry Schlegel - Board Representative and Jeremy Williamson-Polk County Water Quality Specialist. They need more members and volunteers! Please contact David Zarick if you can help.

**AQUATIC PLANT MANAGEMENT PLAN**

**2009-2010 AQUATIC PLANT MANAGEMENT STUDY PRESENTATION**





# Social Committee

By Nancy Schlagel



# Social Night

	<p>You're Invited:</p> <h2>Church Pine, Round, Big Lake Social Gathering</h2>
	
<p><b>When:</b> Saturday, May 19th at 6:00 p.m.</p> <p><b>Where:</b> The Village Pizzeria in Dresser, WI</p> <ul style="list-style-type: none"> <li>• Expanded Seating</li> <li>• Door Prizes</li> <li>• 6:00 p.m. Cash Bar/6:45 p.m. Dinner Buffet</li> </ul> <p>Enjoy a buffet including Italian and American offerings such as: lasagna, roast beef, parmesan breaded turkey breast, and vegetable penne pasta, along with salad, potatoes, bread and non-alcoholic beverages. This is an opportunity to visit with old friends and meet your neighbors.</p> <p><b>Cost:</b> \$12.99 per person (tax &amp; tip not included)</p> <p><b>R.S.V.P</b> Must RSVP to attend—required by May 16th. Please call Nancy at 715-294-4191 or email: <a href="mailto:njschlagel@centurytel.net">njschlagel@centurytel.net</a>.</p> <hr/> <p>Don't forget the Spring Meeting on May 19th at 9:00 a.m. at West Immanuel Church Fellowship Hall and please fill out the water quality survey.</p>	



# 4<sup>th</sup> of July Parade



- Wednesday July 4<sup>th</sup> @ 2PM
- Judging will take place on Big Lake
- Judges will be in a boat to relieve congestion
- Social Committee is again seeking prize donations
- Next year the judging will rotate to Church Pine



# Questions & Public Input

By Lake District Residents





# Closing Remarks

By Gary Ovick



# PLEASE!

# VOLUNTEERS NEEDED

# PLEASE!

## CHURCH PINE, ROUND AND BIGLAKE PROTECTION & REHABILITATION DISTRICT

Volunteer Positions	Your Name	Telephone #	Email
<b>Board of Commissioners</b> Develop and execute plans to protect & rehabilitate the lakes in the District			
<b>Aquatic Plant Management Committee</b> Assist in the implementation of the Aquatic Plant Management Plan; Prevent & Control AIS			
<b>Water Quality Committee</b> Monitor water quality, interface with Polk Cty LWR department, pursue improved water quality			
<b>Clean Boats Clean Water (CBCW) Committee</b> Coordinate the monitoring of boat landings with inspectors and surveillance cameras.			
<b>Water Patrol Committee</b> Interface with Polk Co. Sheriff and Wapo Board to provide water safety via our Patrol Boat			
<b>Navigation Committee</b> Place and remove buoys; Monitor channel depth & procure dredging contractors			
<b>Dam Inspection Committee</b> Inspect annually, submit report and interface w contractors as required.			
<b>Audit Committee</b> Audit treasury activities and submit report annually			
<b>Web site Committee</b> Solicit and contribute articles and photos; manage attachments; respond to emails			
<b>Legal Resource Committee</b> Advise and assist Board on legal matters, WI Statute 33, Open Mtg Laws, Robert's Rules, etc.			
<b>Social Committee</b> Facilitate events to build community and volunteerism			



# Thank You

Mark your calendar!  
Annual Meeting  
August 25th