

# AEPP-233-10

## Report for Matthews Lake Association June 6, 2013

### 3 Year AIS Inspection and Education Grant - 2010-2012

As part of a grant awarded in May of 2010, Matthews Lake Association continued with its I-LIDS video inspections and CBCW trained inspection of boats at the 1 launch on Matthews Lake and partial inspection of the launch at Minong Flowage. The grant scope included: paid CBCW inspections, I-LIDS video inspection, FishSticks near shore habitat installation, distribution of educational materials, and training to the lake association membership on AIS issues including education and soliciting volunteer support. This final report references other documents and describes required deliverables.

#### 1) Watercraft inspection and lake monitoring report detailing time and number of people reached.

Detailed reports were done annually for inspections on Matthews Lake (Matthews 2010 Monitoring Report.pdf; Matthews 2011 Monitoring Report.pdf; Matthews 2012 Monitoring Report.pdf). In summary the I-LIDS were operational over 8000 hours and captured 15,949 videos over 3 years with audio educational messages delivered each time.

The CBCW volunteer and paid program was operational 570 hours.

#### 2) CB/CW survey results; daily results will be entered into the DNR CB/CW database;

The results of the in-person inspections are reflected in mla-cbcw-data-2010-2012.xls. In 752 hours of in person CBCW inspection, over 432 people were contacted at Matthews Lake and Minong Flowage launches.

In 2010, 2 local high school seniors performed the watercraft inspections. In 2011 and 2012, inspectors from Sigurd Olsen Environmental Institute from Lakeland College in Ashland, WI were used. All inspectors were trained each year through the CBCW program and then traveled to Matthews Lake to perform the inspections. Launch monitoring was performed at peak times. The students stayed oftentimes at the Washburn County Park in Minong where camping facilities were provided.

There were challenges in getting the resources to document the inspections properly. In 2010, the inspector that was hired through the Spooner Northwest CEP program worked over 200 hours, but the agency did not verify that they were filling out the CBCW forms before paying him. Part of the issue was the fact that one of the high school seniors was not as diligent in completing the paperwork. So for 2011 and 2012, Northland College provided the CBCW inspectors. In 2012 the project manager for Northland inspectors misplaced the CBCW forms and so there are 135 hours of missing information. We know that the inspectors were there more than they charged from the video review. These undocumented hours were not charged to Matthews Lake Association and so no reimbursement is sought for them.

#### 3) ILIDS inspection report including time and number of launches and potential violations;

This information is in annual reports with graphs reflecting times that boaters would use the launches. While the number of videos is dropping, this is probably due to tuning out false positives on the sensitivity. The trends point toward an increasing level of usage over time by boaters.

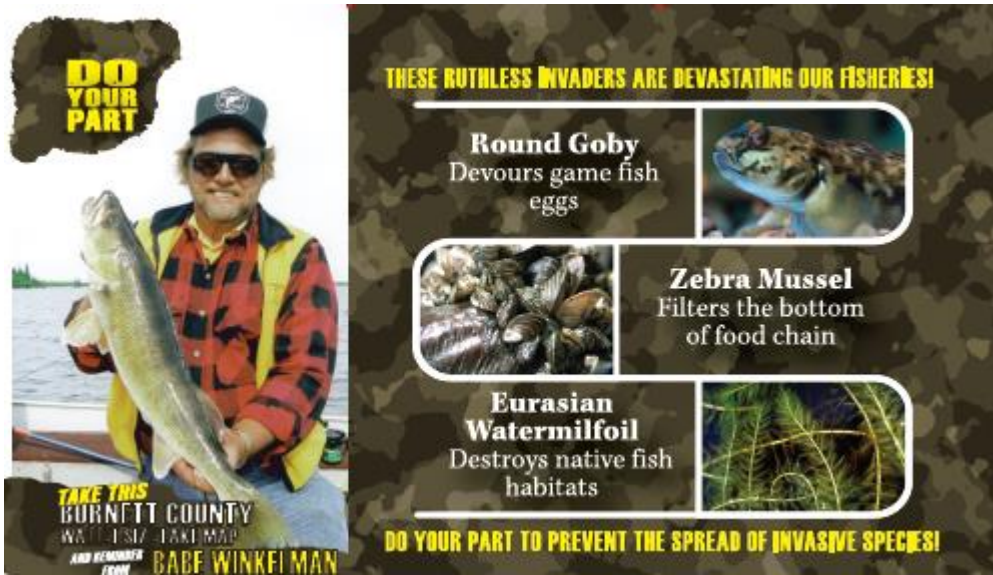
Category	2010	2011	2012	Total
Videos	7216	4548	4185	15949
Violations	0	0	0	0
CBCW hours	208	186	200	594
Entering and Leaving	61	127	223	401

**4) Verification of workshops and/or inspector training such as agendas and attendance lists;**

Matthews Lake Association holds 2 meetings annually where most of the discussion was spent reviewing the scope of the grant and training residents on activities that they could provide to help prevent AIS. Initial meetings included plant identification through using images of AIS on cards.

**5) Copies of brochures, educational materials, and mailings**

A sufficient quantity of the Babe Winkelman brochure from the Burnett County grant was available to distribute to lake residents and inspectors so they could educate people at the boat launch.



**BEFORE YOU ENTER OR LEAVE ANY BODY OF WATER:**

- Remove any visible mud, plants, fish or animals from equipment before launching or leaving.
- Drain water from equipment before transporting.
- Clean and dry anything that comes in contact with water (boats, trailers, equipment, clothing, dogs, etc.).
- Never release plants, fish or animals into a body of water unless they came out of that body of water.



**✓ Inspect ✓ Clean ✓ Drain**  
*...your boat, motor, and live wells.*

## **6) Report on shoreline woody-habitat/deadfall project**

Brad Haines was the project manager for the Fish Sticks effort and the support of Jamison from the Spooner DNR office in the planning and implementation of this was very helpful. MLA obtained a permit from the DNR for the Fish Sticks. The permit includes five tree pile locations Davidson's, Olson's, Thoe's, Haines's, Reilings (2). Rick Gruel Landscaping provided the expertise and the equipment to move the logs (~50 oak trees) around (and onto) the lakes, create the piles, and fasten them to the shoreline.

On 2/11/12 a group of residents worked to assemble and cut wood material that was to be used for this effort. The following weekend, 8 lake residents, Jamison, and Rick Gruels crew of 2 assembled the log piles on the lake next to the shoreline for permitted residents and fastened the bundles to shore using stainless cabling so that it would not float off.

Pictures in 2012 report.

## **7) AIS related materials generated or paid for by this grant.**

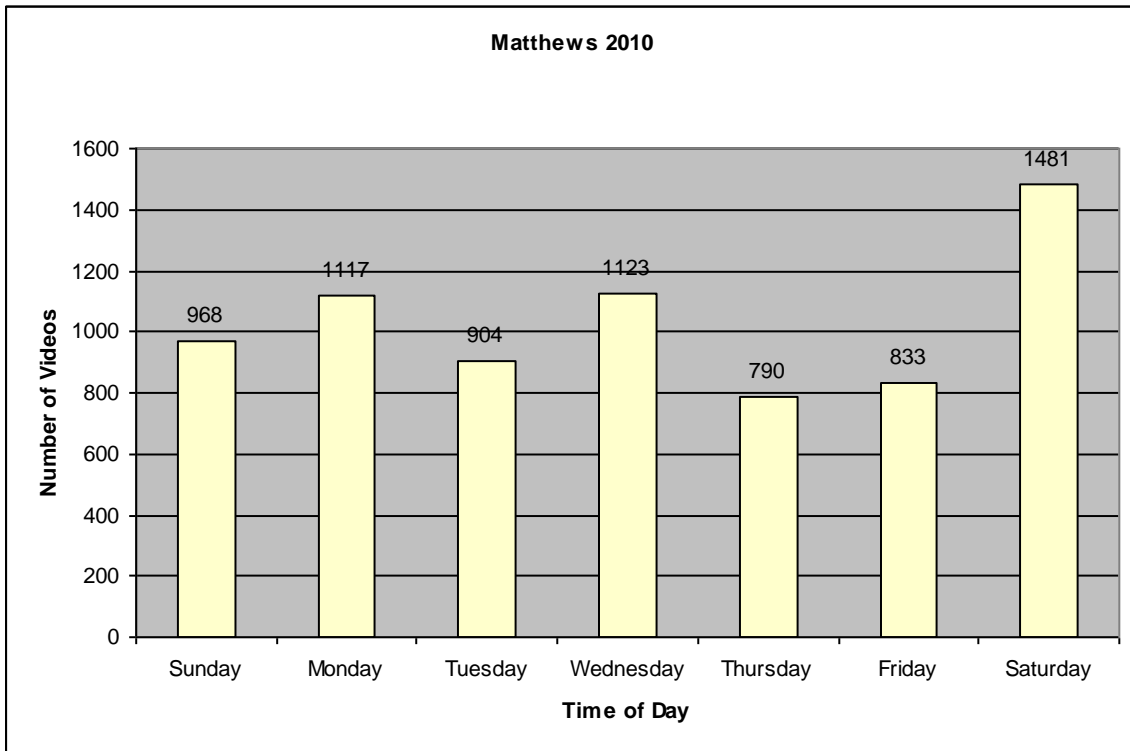
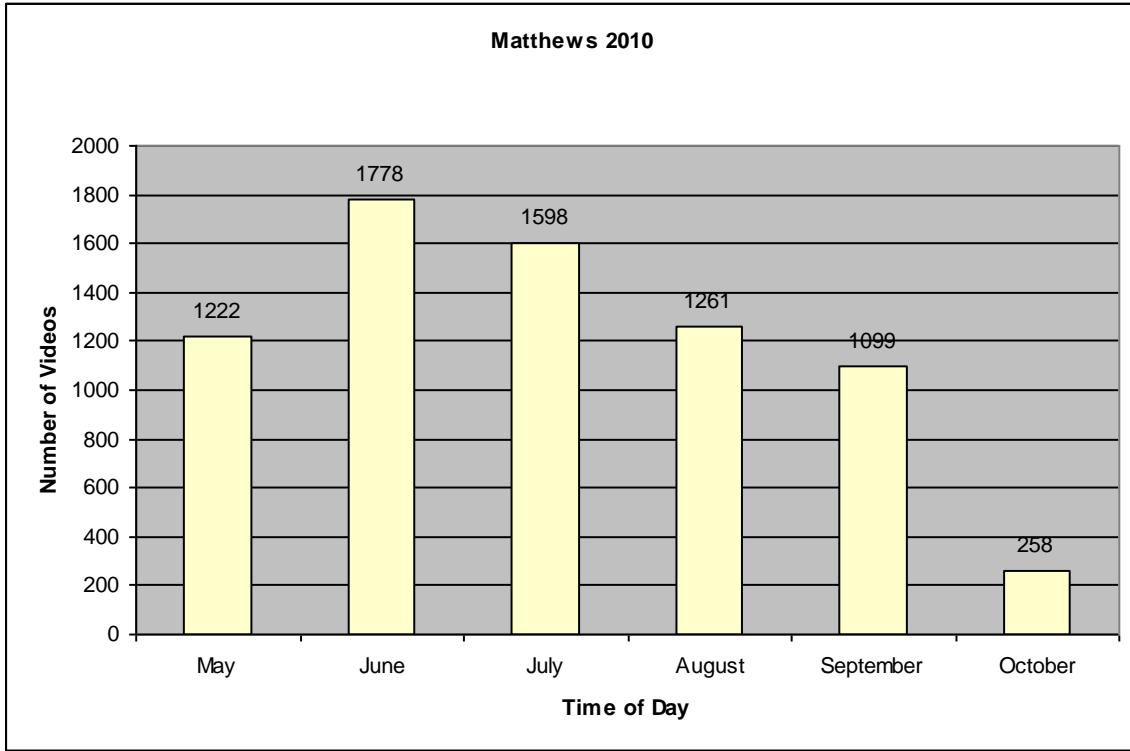
No other AIS related materials were generated outside of those mentioned here.

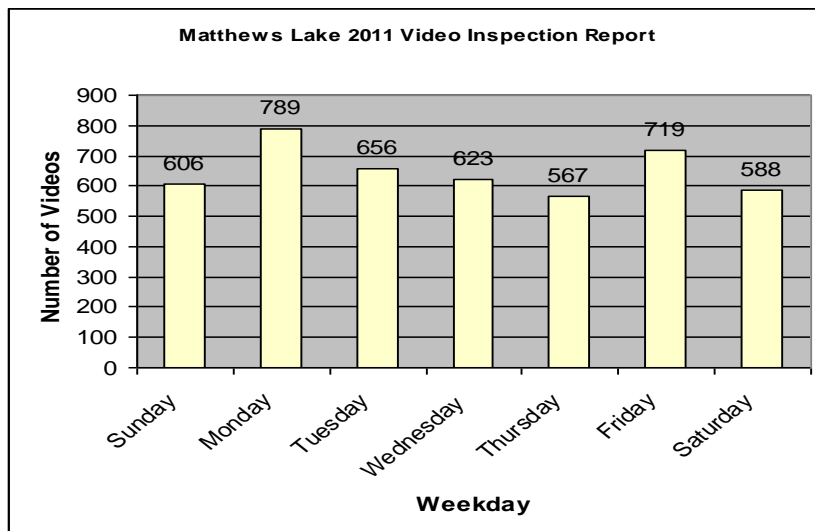
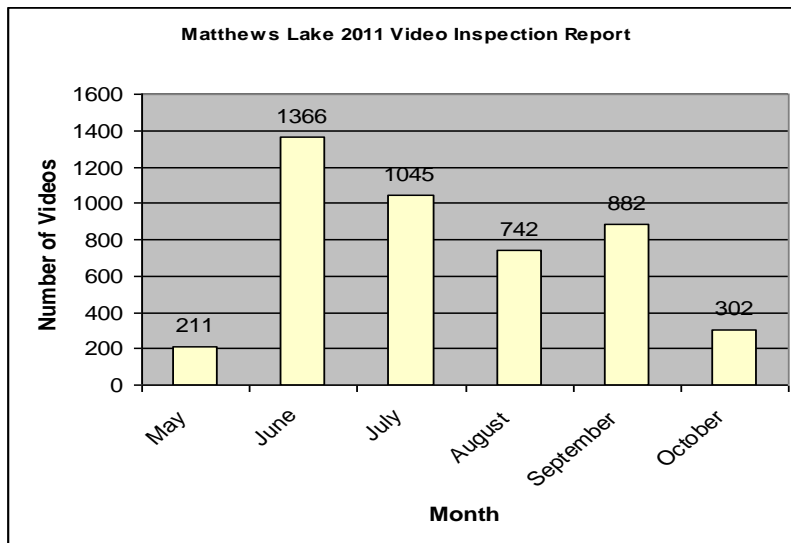
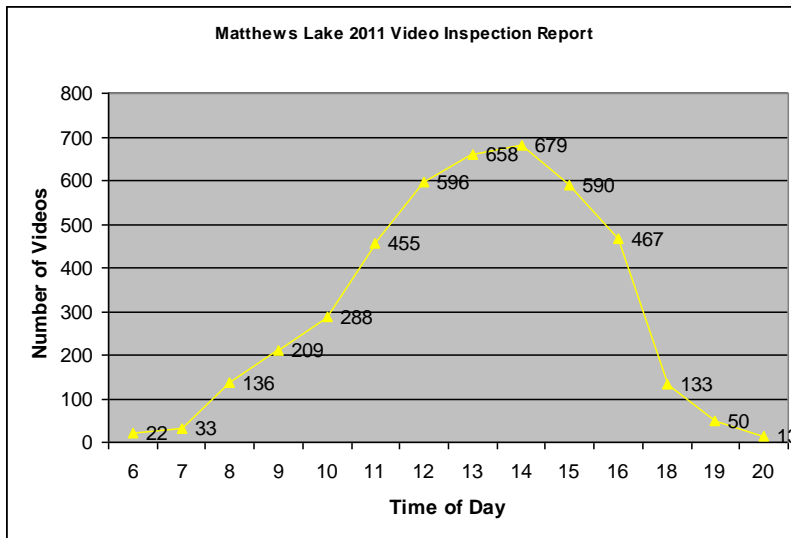
The concept of using a weed receptacle was considered, but it was felt based on the results of other sites where the design attracted cans/bottles, etc. that we would run into the same behavior. It was decided not to do it.

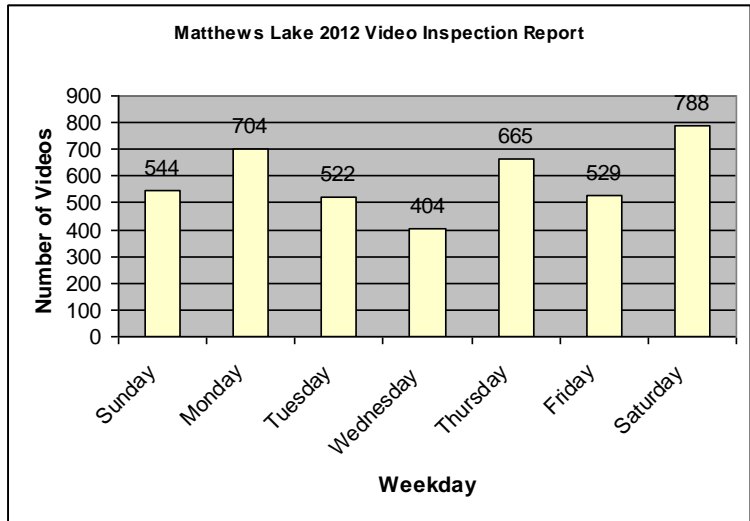
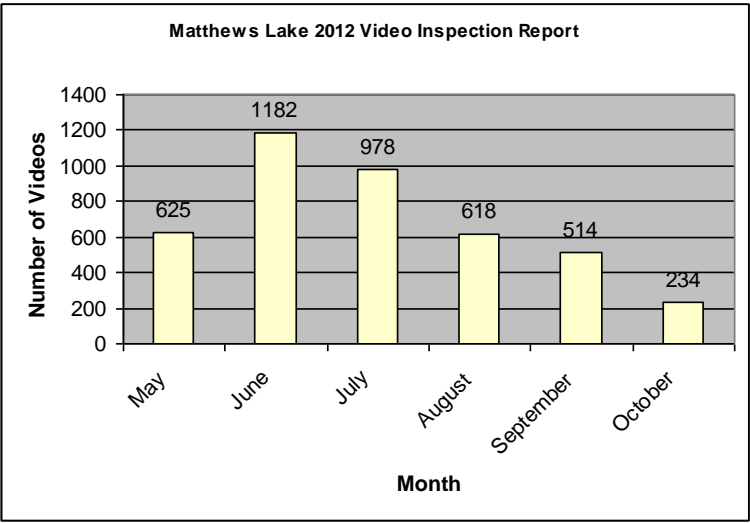
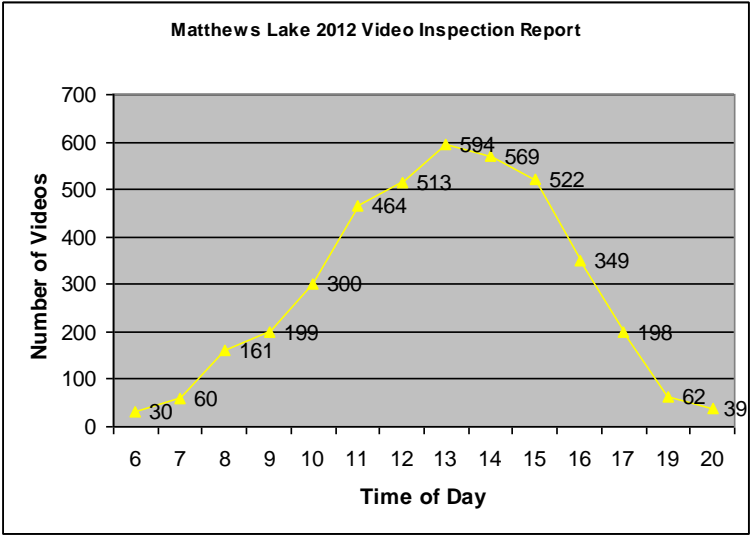
## **Conclusions:**

- The activity at the Matthews launch is measurable, but it is difficult to station inspectors there to achieve a significant contact volume
- Inspectors (at least the ones we worked with) do not like to fill out forms and it is important to tie compensation to this important activity
- The project was successful in contacting boaters that visited our lake in combination through the I-LIDS audio reminder, the knowledge that boaters were having their boats inspected either with an inspector or later by an association person. The message over 3 years is being echo'd in conversations that it is important to clean off weeds and animals before and after using a lake.
- The project created a much greater awareness from lake residents and helped to bring together people toward a common effort.
- You have to deliver the message repeatedly to people in order to get them to understand what's needed from them.

# I-LIDS Activity Graphs 2010:2012







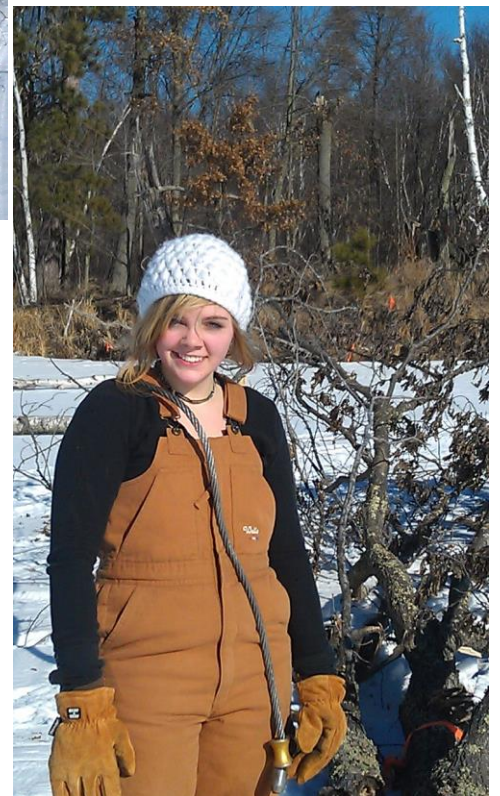
## Appendix A. CBCW Data

ID	Inspector Name(s)	Start Date	Paid Hours	Landing	County	Entering	Leaving
45217478	Eric Lindberg	7/17/2010 9:00 AM	8	Matthews Lake -- Access	Washburn	2	1
45217450	Eric Lindberg	7/25/2010 9:00 AM	3	Matthews Lake -- Access	Washburn	3	2
45217418	Eric Lindberg	7/28/2010 4:00 PM	8	Matthews Lake -- Access	Washburn	0	2
45217401	Eric Lindberg	7/30/2010 4:00 PM	8	Matthews Lake -- Access	Washburn	0	1
45217119	Eric Lindberg	8/8/2010 8:00 AM	5	Matthews Lake -- Access	Washburn	2	1
45217140	Eric Lindberg	8/15/2010 9:00 AM	4	Matthews Lake -- Access	Washburn	3	0
45217156	Eric Lindberg	8/21/2010 12:00 AM	16	Matthews Lake -- Access	Washburn	2	1
45217617	Eric Lindberg	8/22/2010 12:00 PM	4	Matthews Lake -- Access	Washburn	1	0
45217178	Eric Lindberg	8/28/2010 10:00 AM	3	Matthews Lake -- Access	Washburn	3	0
45217683	Eric Lindberg	8/28/2010 12:00 PM	8	Matthews Lake -- Access	Washburn	5	0
45217558	Eric Lindberg	9/3/2010 4:00 PM	4	Matthews Lake -- Access	Washburn	1	0
45217496	Eric Lindberg	9/4/2010 12:00 PM	8	Matthews Lake -- Access	Washburn	2	0
45217095	Eric Lindberg	9/5/2010 10:00 AM	3	Matthews Lake -- Access	Washburn	11	0
45217522	Eric Lindberg	9/6/2010 12:00 AM	20	Matthews Lake -- Access	Washburn	3	0
45217021	Eric Lindberg	9/10/2010 8:35 AM	4	Matthews Lake -- Access	Washburn	1	2
45217044	Eric Lindberg	9/11/2010 12:00 PM	8	Matthews Lake -- Access	Washburn	5	0
45217579	Eric Lindberg	9/12/2010 12:00 PM	11	Matthews Lake -- Access	Washburn	3	0
45217067	Eric Lindberg	9/18/2010 10:00 AM	3	Matthews Lake -- Access	Washburn	3	1
	<b>Total</b>		<b>128</b>			<b>50</b>	<b>11</b>
	<b>Total 2010 Unaccounted Hours</b>		<b>80</b>				
46714108	Bill Mokry	6/10/2011 11:00 AM	6	Matthews Lake -- Access	Washburn	3	1
46714173	Bobbi Joyce	6/10/2011 11:00 AM	6	Matthews Lake -- Access	Washburn	3	1
46714239	Bill Mokry	6/11/2011 8:30 AM	8	Matthews Lake -- Access	Washburn	9	6
47443244	Lincoln Cruz	6/25/2011 8:00 AM	7	Matthews Lake -- Access	Washburn	6	3
47344245	Kelsey Barra	6/26/2011 7:00 AM	4	Matthews Lake -- Access	Washburn	1	0
47344289	Lincoln Cruz	6/26/2011 7:00 AM	4	Matthews Lake -- Access	Washburn	1	0
48231772	Lincoln Cruz	7/23/2011 7:30 AM	10	Matthews Lake -- Access	Washburn	4	4
48231878	Lincoln Cruz	7/24/2011 6:30 AM	11	Matthews Lake -- Access	Washburn	4	2
48744942	Mary Schaubsluger	7/29/2011 12:00 PM	5	Matthews Lake -- Access	Washburn	2	2
48745012	Mary Schaubsluger	7/29/2011 6:00 PM	3	Matthews Lake -- Access	Washburn	1	5
48745107	Mary Schaubsluger	7/30/2011 8:00 AM	11	Matthews Lake -- Access	Washburn	4	7
49167059	Erin Blow	8/5/2011 11:45 AM	5	Matthews Lake -- Access	Washburn	1	4
49167124	Mary Schaubsluger	8/5/2011 11:45 AM	5	Matthews Lake -- Access	Washburn	1	4
49167169	Erin Blow	8/6/2011 8:00 AM	8	Matthews Lake -- Access	Washburn	1	2
49167147	Mary	8/6/2011 8:00 AM	8	Matthews Lake -- Access	Washburn	1	2

	Schaubslager			Access			
49167190	Erin Blow	8/7/2011 8:00 AM	5	Matthews Lake -- Access	Washburn	2	1
49167212	Mary Schaubslager	8/7/2011 8:00 AM	5	Matthews Lake -- Access	Washburn	2	1
49382518	Lincoln Cruz	8/13/2011 7:00 AM	11	Matthews Lake -- Access	Washburn	6	0
49382622	Lincoln Cruz	8/14/2011 7:00 AM	9	Matthews Lake -- Access	Washburn	4	4
49680252	Bill Mokry	8/20/2011 9:20 AM	10	Matthews Lake -- Access	Washburn	3	3
49680861	Bill Mokry	8/21/2011 7:00 AM	9	Matthews Lake -- Access	Washburn	0	3
49880000	Mary Schaubslager	8/26/2011 11:30 AM	8	Matthews Lake -- Access	Washburn	2	0
49880042	Mary Schaubslager	8/27/2011 8:00 AM	7	Matthews Lake -- Access	Washburn	2	2
49880081	Mary Schaubslager	8/28/2011 8:00 AM	4	Matthews Lake -- Access	Washburn	0	1
50802970	Crystal Olund	9/9/2011 2:00 PM	5	Matthews Lake -- Access	Washburn	2	1
50802928	Crystal Olund	9/10/2011 8:00 AM	7	Matthews Lake -- Access	Washburn	1	1
50803046	Crystal Olund	9/11/2011 8:00 AM	5	Matthews Lake -- Access	Washburn	1	0
	<b>Total</b>		<b>186</b>			<b>67</b>	<b>60</b>
64064320	Supriya Kukreti	6/22/2012 12:00 AM	8	Matthews Lake -- Access	Washburn	3	1
64064384	Supriya Kukreti	6/23/2012 12:00 AM	4	Matthews Lake -- Access	Washburn	2	3
64064425	Supriya Kukreti	6/29/2012 12:00 AM	6	Matthews Lake -- Access	Washburn	3	0
64064484	Supriya Kukreti	6/30/2012 12:00 AM	10	Matthews Lake -- Access	Washburn	5	1
64064589	Supriya Kukreti	7/1/2012 12:00 AM	8	Matthews Lake -- Access	Washburn	3	0
65256074	Supriya Kukreti	7/20/2012 12:00 AM	7	Matthews Lake -- Access	Washburn	0	0
65757308	Supriya Kukreti	7/27/2012 12:00 AM	3	Matthews Lake -- Access	Washburn	0	1
65757342	Supriya Kukreti	7/28/2012 12:00 AM	8	Matthews Lake -- Access	Washburn	2	2
65757404	Supriya Kukreti	7/29/2012 12:00 AM	7	Matthews Lake -- Access	Washburn	2	2
65945247	Supriya Kukreti	8/10/2012 12:00 AM	6	Matthews Lake -- Access	Washburn	1	1
65945216	Supriya Kukreti	8/11/2012 12:00 AM	8	Matthews Lake -- Access	Washburn	1	2
	<b>Total</b>		<b>75</b>			<b>22</b>	<b>13</b>
	<b>2012 Unaccounted Hours</b>		<b>125</b>				
	<b>Total for project</b>		<b>594</b>			<b>139</b>	<b>84</b>




## Appendix B. Fish Sticks Images



# Appendix D. Fish Inventory 2010


Adobe Acrobat Standard - [2010-fish-inventory.PDF]

File Edit View Document Tools Advanced Window Help

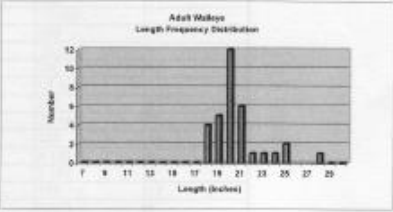



WISCONSIN DNR  
FISHERIES INFORMATION SHEET  
MATTHEWS LAKE, WASHBURN COUNTY, 2010

The Department of Natural Resources conducted a fisheries assessment of Matthews Lake, Washburn County, from April 01, 2010 to May 28, 2010.

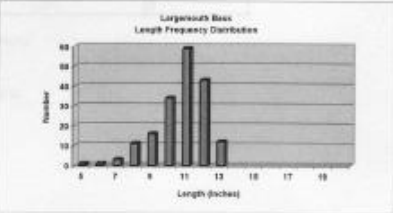



Walleye	
Total Captured	33
Avg. Length (in.)	20.6
Length Range (in.)	18-28
% >15"	100%



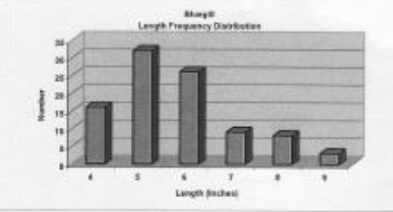



Largemouth Bass	
Total Captured	180
Avg. Length (in.)	10.6
Length Range (in.)	5-13
% >14"	0%



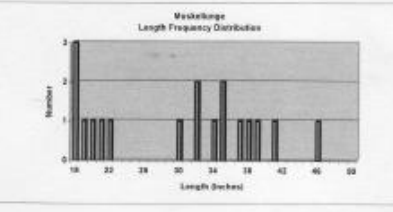


Bluegill	
Total Captured	94
Avg. Length (in.)	5.7
Length Range (in.)	4-9
% >6"	49%





Muskellunge	
Total Captured	18
Avg. Length (in.)	25.7
Length Range (in.)	18-46
% >40"	11%



8.5 x 11 in

1 of 1



# Appendix C. Signup Pages (see Grant reimbursement request)

