



*"Changing our World One Drop at a Time"*

**Waterford Waterway Management District**  
Board of Commissioners Meeting Minutes  
July 21, 2011

**1. Call to Order**

Chairman Richard Kosut called the meeting to order at 7:00 PM at the Waterford Town Hall, Waterford, WI. Commissioners present: Brian Marx, Barbara Baron, Don Baron, Kelly Cornelius, John Bostrom, and Andres Peekna.

**2. Approval of Minutes**

Motion to approve the minutes of the June 16, 2011 Board of Commissioners meeting were made by Cmr B. Baron and seconded by Cmr Peekna. Vote: 7 Yes 0 No  
Minutes on file.

**3. Correspondence/Chairman's Report**

Nothing to report

**4. Treasurer's Report**

Cmr Marx submitted a detailed report for July 2011  
Motion was made to approve the Treasurers Report by Cmr Bostrom seconded by Cmr D. Baron.  
Reports on file Vote: 7 Yes 0 No

**5. Bill Payment Approval**

\$147.50	Hanson-Santaga – Research missing tax charges for Special Charge
\$70.00	Post Office – Renewal of bulk mail permit
\$438.90	WDNR – Ariel photos
\$92.69	Richard Kosut – Reimbursement for Office supplies

Motion to approve payment of the above bills was made by Cmr B. Baron and seconded by Cmr Cornelius Vote: 7 Yes 0 No

**6. Project Updates**

A. Bend in the River

The rocks and stumps were removed under the guidance of the DNR. The bouys were moved out some to make the area wider. This project is complete.

B. Pontoon Classroom

The adult pontoon classroom will take place on September 20<sup>th</sup> or 27<sup>th</sup>. Final date still to be determined.

C. Conceptual Plan by SEWRPC

The committee continues to meet with the monthly with the DNR project team. See attached report.

D. District History

Nothing to report

**7. Information, Education & Marketing**

A. Information and Education

As a reminder to the commissioners, please submit news articles so we can get the annual meeting newsletter out soon. Cmr Cornelius asked the board for their opinion on what type of thank you letter the WWMD should send as a thank you for the work that was done on the dam. The consensus was to display it in the Waterford Post as a public statement. See attached report

B. Public Relations

See attached report

**8. Legislative/Waterway Ordinance**

As mentioned by Cmr Peekna at the last meeting he brought up the discussion of changing the name of the Legislative/Waterways Ordinance committee. That will be tabled for now.

**9. Aquatic Plant, Navigation & Hydrology**

See attached report. There was also a discussion brought up about creating 3 sub-committees for the dredging project. Cmr B. Baron made a motion that the WWMD should start to form 3 sub-committees: 1.Finance 2.Silt disposal 3.Land owner research. Chairman Kosut has volunteered to head the Silt. Cmr B. Baron will head the finance and Land search is to be determined.

It was seconded by Cmr Marx.

Vote: 7 Yes 0 No

**10. Executive Committee**

See attached report.

**11. Old business**

A. C.A.U.S.E. – 1200 northern pike were stocked, thanks to a joint effort of the WWMD, CAUSE and the DNR. The canoe cleanup will be September 10th.

B. FRC – Nothing to report.

**12. New Business**

There was a lengthy discussion on the 2012 budget. An agreement of a preliminary budget was drafted and will be updated by the August meeting where it will be voted on by the commissioners. It will then be presented to the public for vote at the annual meeting in September.

**13. Opportunity for public to address WWMD Commissioners**

There were ongoing comments from the public throughout the meeting. No additional comments at this time.

Respectfully Submitted,

Brian R. Marx, Secretary

**Meeting Guests** July 21, 2011

Charles Kubicek	6732 Channel Rd	414-550-6904
Dan Dickinson	6929 Dickinson Ln	262-492-1017
Dennis Hasenfang	5680 Island View Ct	847-323-8910
JC Boerschinger	6824 N. Tichigan	662-4355
Edith Kubicek	6732 Channel Rd	414-550-6904
Gary Bluemel	7154 Joy Marie	414-322-5106
John Bjork	5201 Riverside Rd.	534-5570
Jeremy Meadows	29153 White Oak Ln	414-736-6607
Paul Beyerl	5517 Scenery Rd	514-3488
Rick Bondar	29129 Beechwood Ln	662-3458
Paul Kling	5718 Islandview	514-3428
Pat Kosut		
Sue Peekna	5908 N River Bay Rd	895-4790
Terry Beyerl	5517 Scenery Rd	514-3488
Valerie Bostrom	6609 Riverside Rd	534-6903
Earl Mullins	5636 Court Ln	414-940-5614
Christy Mullins	5636 Court Ln	224-280-5274
Jan Alvey	6826 Burma Rd	262-895-6994
Jan Dickinson	6929 Dickinson Ln	262-492-1017

Aquatic Management

AIS (aquatic invasive species) treatments were completed by Bonestroo on May 12<sup>th</sup>, treating 37 acres of EWM and 16 acres of CLP (Eurasian Water Milfoil & Curly Leaf Pondweed) species.

The first navigational treatments completed on June 22, treating 26 acres in the waterway, for all areas approved by our DNR water specialist, on day of treatment.

Due to late spring vegetation growth was lower in many areas, so not seen as nuisance or limit to navigation.

Our second navigational treatment completed on July 21, with 35 acres authorized for treatment in the river.

On both treatments herbicides are applied at maximum application rate.

Goals are one thing and reality of our situation is another, so no question we are not gaining the results we expect or would prefer. We can get treatment approvals only after the vegetation is considered a nuisance, as these are native plants and we are not allowed to exterminate completely.

Silt choked shallow areas provide perfect growth areas for heavy vegetation growth and silt is the root cause of most navigational issues.

Hydrology:

Completion of bathymetric map calculations for the volumes of silt within the navigational areas measured are being completed by SEWRPC and expected soon.

Search continues for qualified engineering firms and dredge contractors, to discuss and obtain a project scope of work outline. begin to estimate various cost and project options.

The ESR Project team, Don Baron, Jim Pindel, Dick Kosut and Andres Peekna and I continue to meet monthly with our WI DNR project team, to plan the overall scope of this dredging project.

Project Engineering Management, Core sample sediment sample testing, Land needs for silt storage, financing are the next steps in the project to determine to feasibility of the project.

We repeat the DNR team's statement that we understand this project may be the largest dredge project in SE Wisconsin if not the State, so funding and management is critical and they will provide positive guidance.

We as owners have an investment in the waterway that in total approaches \$500 million dollars.

We all want to restore our waterway to its previous state, removing 3 feet to 8 feet of silt in its current state.

Respectfully,  
John Bostrom  
Committee Chair

July 19, 2011

Project Name: Waterford Waterways Eco-system Restoration Project

Project Location: Waterford Waterway, Racine County Wisconsin

Date: to be determined when final version confirmed

Document: Engineering Scope of Work (ESOW)

## **I. OBJECTIVE:**

A. The intention is to reestablish the main navigational channel from north to south through the waterway at a reasonable depth with varying and appropriate widths to accommodate safe and obstruction free boating. Additional navigational channels will be required to provide access for the property owners to reach the main channel from bays and adjacent waterways along the river. Also required for some landowners around Tichigan Lake would be gaining access to the lake through bays and backwaters that are presently silted in. Providing access to Tichigan Lake also provides access to the main Fox River channel.

## **II. PROFESSIONAL ENGINEERING FIRM QUALIFICATIONS:**

A. The Professional Engineering Firm must be a firm qualified by the Waterford Waterways Management District (WWMD) and the Wisconsin Department of Natural Resources (WDNR). The Engineering Firm must be proficient in all of the Engineering aspects required for this project. The Professional Engineering Firm will appoint an Engineering Project Manager (EPM) from within its ranks who will be empowered to make engineering decisions and interface with the WWMD and the WDNR. The Professional Engineering Firm and its EPM shall demonstrate extensive experience in all aspects of waterway dredging and restoration. The Professional Engineering Firm's management and the EPM should both have post graduate Professional Engineering Certification (plus 20+ years experience) and accreditation.

## **III. ENGINEERING SCOPE OF WORK DESIGN SCHEDULE:**

A. The EPM shall provide a schedule of the work to be completed, identifying key tasks and anticipated completion dates.

## **IV. PROFESSIONAL ENGINEERING FIRM DESIGN RESPONSIBILITIES:**

A. Background – the Professional Engineering Firm will be provided with the following materials:

1. Engineering Scope of Work Document (this document)
2. Bathymetry Map of the Impoundment
3. Calculation of the amount of silt to be removed
4. Location and size of potential disposal sites

B. Issues of Special Concern – the Professional Engineering Firm and EPM shall consider each of these issues and address each of them as part of the final design submission:

1. Carp eradication
2. Structure/habitat preservation (including native vegetation)
3. Floodwater storage capability and capacity
4. Impact on the Waterford Dam
5. Inclusion of possible sediment trapping capabilities

C. Design Deliverables – the EPM shall provide the following deliverables:

1. Preliminary Permit Application
2. Final Permit Application
3. List of State and Federal funding options
4. Construction Scope of Work (CSOW) / bid package
5. Final Engineering Design in both paper and electronic format

D. Design Requirements - The EPM shall provide a design plan and specifications for deepening the Navigational Channels as described in the background materials provided. The EPM will be responsible for determining the best means of accomplishing this task. This will include, but is not limited to, determining the best method for dredging the areas in question identifying any and all necessary environmental and governmental permits and approvals needed for this work and determining the best method for disposal or re-use of dredge spoils based on economics and environmental requirements. Conduct any biological reconnaissance, investigation or material sampling as needed to obtain permits or approvals and document results. The WDNR will specify the location and number of material samples required for permitting based on the Bathymetry map and volume removal calculations listed above. The EPM shall include the construction cost estimate for the actual dredging and all consulting, permitting and administrative fees.

E. Design Meetings and Presentations - Conduct the appropriate number of review meetings with the Project Team members during each design phase of the project, so they may determine if the project meets their requirements, question any aspect of the contract deliverables, and make changes where appropriate. The EPM shall describe the philosophy and process used in the development of the design criteria and the various alternatives considered to meet the project objectives. Selected studies, sketches, cost estimates, schedules, and other relevant information shall be presented to support the design solutions proposed. Special considerations shall also be addressed such as: Dredging Contractor site access limitations, utility shutdowns and switchover coordination, phased construction and schedule requirements, available swing space, material and equipment delivery dates, etc.

F. Implementation Phase Scope of Work Document – The EPM shall prepare a detailed Construction Scope of Work (CSOW) or bid package that can be used by the Project Team to obtain bids for the work to be done. The CSOW should provide enough detail to cover the differences in the work to be accomplished by different dredging methods at different locations throughout the impoundment.

## **Information and Education Committee Report:**

### **Website Updates:**

Articles and Events added as submitted.

### **Reminder:**

Newsletter Articles DUE!

### **Newsletter Updates:**

No Articles submitted.

### **Other:**

Waterford Dam Repair: The outline listed below is a brief description of the strategy, actions, qualitative outcomes during the recent Waterford dam repair.

#### Strategy:

1. Inform as many WWMD members and general public as possible about the Waterford dam repair project.
2. Build productive and collaborative relationships with other governing bodies.
3. Meet the needs of the WWMD members/public.

#### Tactics:

1. Leverage all available governing resources, by collaboration with officials' of the governing bodies involved; utilize the WWMD monthly meeting to convey information in an organized manner.
  - a. Leverage all available electronic resources: WWMD encourages the use of electronic and social media to achieve alignment with the Open Government Directive issued by the Director of the Office of Management and Budget (OMB) and Paperwork Reduction Act of 1995. The WWMD maintains a database of email addresses submitted by riparian owners, solicited for emergency notifications and to convey information via email notification. In addition, WWMD participates in social networking via the WWMD Facebook group site, as well as maintaining the WWMD official website (wwmd.info). Therefore WWMD members have a variety of communication channels to choose from in order to receive information.
  - b. Leverage non-electronic [or print channels] of communication for delivery of information regarding the Waterford dam repairs, such as the media and informational posters/flyers.
2. Provide/utilized an invitation, time, space and opportunity for officials' from the governing bodies of WDNR, Racine County, Village of Waterford Public Works and Town of Waterford Police Department to collaborate with each other to communicate to the WWMD members and general public.

3. Utilize the WWMD monthly meeting to assess further needs of the WWMD members and general public during interaction(s).

Operation(s) and Outcome(s):

1. *Operation(s):* WWMD to invite all officials' of the governing bodies to attend, the WWMD monthly meeting Thursday May 19<sup>th</sup>, 2011 in order to interact, present or convey information, to peers, WWMD members and general public.  
*Outcome(s):* All governing body officials' approached the opportunity to an open dialog with one another, the WWMD members and general public attendants with consideration, courtesy and enthusiasm.

- a. *Operation(s):* Action items derived from that collaborative meeting included Racine County Executive James Ladwig's commitment to weekly updates issued on the progress of the repairs to the Waterford dam to media, Town and Village of Waterford officials', and to the WWMD.  
*Outcome(s):* The updates were received from Racine County on Tuesdays, via Geoffrey Greiveldinger, Chief of Staff until the project was completed, In addition, acting above and beyond the expectations; supplemental updates were provided as project milestones were completed.

The updates received by WWMD were conveyed via a number of communication channels, such as email notification, the WWMD website and the WWMD Facebook social networking site to the WWMD members and general public.

Questions generated from the update notifications originating from the WWMD members and general public were conveyed to the appropriate governing body official for response. The question and response were then shared via email, the WWMD website and the WWMD Facebook social networking site.

- b. Although the WWMD encourages the use of electronic communication, there are a number of WWMD members who benefit from non electronic [or print channels] of communication; to ensure that all interested persons would have an opportunity to remain current on the project, the Racine County update notifications were posted at the Waterford Town Hall, Waterford Village Hall, and Waterford Public Library as coordinated by the WWMD.
2. *Operation(s):* Governing body officials attending the WWMD monthly meeting Thursday May 19<sup>th</sup>, 2011 were provided an opportunity to utilize time for informational exchanges  
*Outcome(s):* All attending officials' were well prepared with presentations, in order to inform the attendants of the current circumstances, actions executed, expectations during the Waterford dam repairs.



3. *Operation(s)*: During the WWMD monthly meeting discussions revealed the community would benefit from a WDNR and Racine County collaborative [Emergency] Permit Workshop. The workshop would offer the opportunity for WWMD members to obtain the required permitting to enable shoreline repairs during the Waterford dam drawdown.

*Outcome(s)*: Both the WDNR and Racine County officials' responsible for permit(s) worked side-by-side to issue over 20 permits for shoreline restoration to the WWMD members. The WWMD Commissioners would like to convey our heartfelt thanks to the WDNR and Racine County leaders, management and staff for their dedication to service and the needs of the Waterford community.

In Summary:

- Emergency repairs to the Waterford dam revealed an opportunity for collaboration between governing bodies and the community.
- Strategies, tactics and operational plans were derived from willing collaboration.
- Utilization and leverage of various forms of Web 2.0 tools, technology were used to convey information in a timely manner.
- Workshops were conducted in collaboration with governing bodies which met with positive response.

The measures are qualitative in nature, derived through personal conversations and hearsay provided by district members and governing body officials connected to the circumstances; feedback indicated the Racine County Waterford Dam repair updates surpassed expectations' of the WWMD members.

Thank you letter(s) were mailed to the following governing bodies and individuals as recognition and thanks for the outstanding community service provided during the Waterford dam repair:

Wisconsin Governor Scott Walker; WDNR Cathy Stepp; Racine County Executive James Ladwig; Town of Waterford; Village of Waterford; Town of Waterford Police Department; Village of Waterford Public Works.

Respectfully submitted K. Cornelius

# **Waterford Waterway Management District Silt and Muck Removal Project**

## **Objective**

Restore and renew the navigational passage, riverbed and lakebed, within the waterway to provide unlimited recreational access for all residents and visitors. Improve fish and wildlife habitats that will maintain the economic vitality of the region.

## **History**

Years of un-welcomed deposits of silt have rendered the Waterford Waterway into a desert of muck as described by the Southeastern Regional Planning Commission staff. These deposits were created by the inflow of upstream industrial wastes, uncontrolled storm water run-off, and turn of the century agricultural practices. The District has undertaken effective measures within the watershed to control unwanted run off. Now the time has come to remove these deposits and restore these waters.

## **Dredging Project Sub-Committees**

In anticipation of an approval of a master plan for the dredging operation, the following sub committees have been established to provide the necessary actions that will effectively position the Waterford Waterway Management District to allow for a speedy completion of the project.

### **Political Action Committee**

Chair: John Bjork

- Develops relationships with Federal, State, County, and Local officials to support the project and aid in securing appropriation of budgeted funds. The primary focus is the Department of the Army, U.S. Corps of Engineers.

### **Funding Resource Committee**

Chair: To be appointed

- Investigates all private and public monetary sources that may support the project Including the use of the special assessment process for taxation of riparian owners.

### **Grant Development Committee**

Chair: To be appointed

- Researches and writes applications for environmental grants that may be available with an emphasis on the private sector and state agencies.

### **Silt Disposal Committee**

Chair: Dick Kosut

- Locates sites for disposal of excavated dredging material that are approved by the DNR.

### **Technical Advisory Committee**

Chair: To be appointed

- Coordinates project execution; includes representatives from the DNR, WWMD, FRC, Fox River CAUSE, Town of Waterford, and consulting engineer / contractor.

### **Permit Development and Monitoring Committee**

Chair: to be appointed

- Coordinates permitting process with DNR staff and other agencies as necessary; ensures that permit conditions are being met throughout project execution.



## Time has come to market the WWMD politically!

I have been in contact with Julie Anderson, she is in charge of reviewing the Revised NR115 DNR Shore land Protection Regulations, State Legislature.

([http://www.wisconsinwetlands.org/Final\\_Local\\_SL\\_WL\\_Zng\\_Recs.pdf](http://www.wisconsinwetlands.org/Final_Local_SL_WL_Zng_Recs.pdf))

and according to Julie, Racine County is very upset with the draft because they would have to oversee everything from the planting of a tree to a new driveway etc. The revised NR115 will affect the WWMD according to Julie.

**Below** is a copy of a newsletter article that the county prepared for the Town of Norway newsletter this summer. You should find it helpful in further understanding the impact of the revised shore land regulations on Racine County.

On August 10, 2011, the Natural Resources Board will be having a hearing in Spring Green on a request from the DNR Secretary to modify the time for counties to adopt the revised shore land regulations in NR115. Julie Anderson plans to attend that meeting.

Regarding the WWMD LMP, dredging project, as I explained to Julie Anderson, even if we dredge we will continue to have the same silt and evasive aquatic plant problem and will keep spending dollars to get the same results if nothing isn't done up north to stop what is dumping in the WWMD watershed.

There is an old saying, “ **If You Keep Doing the Same Thing, You'll Keep Getting the Same Result**”.

Albert Einstein Quotes: **Insanity: doing the same thing over and over again and expecting different results.**

We are throwing away money and thousand of volunteer hours, not only the WWMD but all groups and organizations along the Fox River. Everyone, understandably, is focusing on their own watershed problems, when we all should be on the same page to accomplish what has taken decades to destroy in our WI Watersheds along the Fox River.

As the WWMD representative for the county I suggested that the Racine County campaign for a state program to clean up all watersheds along the Fox River, but their **No. 1 priority** should be to partner up with WWMD for a political movement to reach higher authorities to grant the WWMD funds for LMP, dredging project and use said project as a prototype.

I suggested that Jim Ladwig would have a better chance of getting a meeting with the Federal, State, County, and Local officials.; to accomplish the WWMD Lake Management Plan and to lobby for a “State Storm Water Runoff Program along the Fox River”, starting in Lannon, North WI where it starts to IL.

I contacted Dr. Jeff Thornton at SEWRPC, he agrees and is willing to help lobby for our political movement. I asked Dr. Jeff to put together the Fox River flowage from Lannon WI to IL. **(see below)**

Julie Anderson agrees the county should partner up and that it's time for a state program but it will have to involve all groups and organizations which will take time. And that the WWMD LMP dredging project should be a **No. 1 priority**; she has scheduled a meeting with Jim Ladwig, Racine County Executive to discuss the WWMD LMP dredging project.

I suggested that the County of Racine have a representative at our August meeting at which the WDNR is to give a class 101 on dredging for riparian's. (Meeting date TBD)

Julie Anderson commented, that with the states backing we would likely have a better chance of obtaining funds for our LMP dredging project.

Also, the \$40,000.00 Bill McRenyold's got placed in the 2010 Racine County Budget, has not been distributed and will be discussed in Julie's meeting with Jim Ladwig. If need be, we can request the Racine County Board to allow a WWMD presentation as a separate agenda after a regular board meeting.

Al Sikora and Jim Pindel from FRC also have discussed these funds with Jim Ladwig and have spoke highly of the WWMD, according to Julie Anderson.

Dr. John Bjork has agreed to chair the political action committee and in my opinion, Dr. Bjork is well qualified and is an excellent choice to chair this committee, I endorse him and hope you all will agree that he is the right person for the job.

I would appreciate your opinion regarding this plan and would like to discuss at our monthly meeting 7-21-11.

Respectfully Yours,

**Donald J. Baron**

WWMD Commissioner  
Racine County Board Appointed

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## **\*\*DRAFT\*\***

Do you reside within 300 feet of any public and navigable waterway in Racine County? If so, you should become familiar with the provisions of the revised DNR rule NR115, Wisconsin's Shoreland Protection Program.

In February 2010, the State of Wisconsin adopted sweeping changes to the Shoreland Protection Program that is administered by county zoning offices. These wide-reaching changes must be adopted by Racine County by February 2012.

For decades, Racine County has administered, through its zoning ordinance, various requirements for shoreland areas. Regulating setbacks and types and sizes of structures is not a new concept. However, the revised regulations require counties to issue permits for projects such as:

- Taking structures down
- Trimming/removing trees and other vegetation
- Driveways, sidewalks, patios
- Blacktop seal-coating driveways
- Mitigation plans for shoreline buffer zones

New to the program are rules concerning impervious surfaces and mitigation of their effects. Examples of impervious surfaces include any rooftops, sidewalks, driveways, parking lots and streets. No lot within 300 feet of a waterway may cover more than 15% of the lot area with structures or impervious surfaces without implementing a mitigation plan. A maximum of 30% of the lot area may be impervious surfaces, if there is an approved mitigation plan for creating and maintaining a permanent buffer zone along the shoreline.

Under the new NR115 Shoreland Protection Program, here is an example of how a Racine County zoning permit might be processed for a project on a property that is within 300 feet of the ordinary high water mark:

1. You visit the county zoning office and obtain setback/zoning information for your project.
2. County staff will require that you hire a registered land surveyor to create a detailed survey showing all structures and hard surfaces on the lot within 300 feet of the ordinary high water mark ("300 foot zone"), as well as any areas that have trees or other existing vegetation. The surveyor will have to determine exactly what percentage of the "300 foot zone" on your lot is covered by impervious surfaces.
3. If the amount of coverage is less than 15 %, then you would possibly qualify for permits to cover up to 15% without requiring a mitigation plan. If your project will exceed 15% but not exceed 30% coverage, you will have to prepare a mitigation plan that is proportional to the amount and degree of impacts from the proposed project.
4. Mitigation plans will have to be approved by the county zoning staff and then recorded at the County Register of Deeds office prior to any other permits being issued.

5. If the project exceeds 30% impervious surface area coverage, then you will need to seek a zoning variance from the Racine County Board of Adjustment. Zoning variances are not easy to get, and they involve a public hearing with an opportunity for neighbors, the Town and the DNR to comment. If a variance is approved, the DNR has the chance to challenge the decision of the zoning board if they do not agree with the decision.
6. If you need to take any structures down in order to comply with the impervious surface coverage requirements, you will have to get permits for that work, and a deadline will be established for the work to be done. Permits for removal of any structures must be monitored and confirmed by the county zoning office.
7. If there is a mitigation requirement, the county zoning office is required to monitor the plantings and the buffer areas to make sure that the plantings are installed, that they are maintained, and that no part of a buffer area has been removed, mowed or otherwise destroyed. This is for perpetuity.
8. The county zoning staff is responsible for monitoring and field-checking all building and landscaping activities on a property, up to and including issuing permits for blacktop seal-coating of driveways and any vegetation trimming.

The gymnastics that will be required of property owners seeking permits will be onerous and unreasonable. Racine County has gone on record with the State of Wisconsin, strongly opposing these revised rules and asking for changes and for an extension of time to deal with the rule changes. We have been working very closely with DNR Secretary Cathy Stepp, state representatives, local officials and the Racine County Board of Supervisors on this issue. This revised rule will create much red tape (and potentially add much cost) in the permitting process, at a time when some property owners are struggling to afford even routine maintenance to their properties.

Racine County has not adopted the new NR115 rules, and we do not intend to adopt the new rules anytime soon. While excellent water quality for fishing and recreating is very important, placing this extreme level of restrictions on lake property owners is unacceptable. There has been no lack of energy or efforts to clean up and maintain Wisconsin's waterways through other actions, such as serving lots by public sanitary sewer and improving public education efforts about the effects of pollutants and nutrients (such as phosphorus) on waterways.

If you have concerns about the revisions to the DNR Chapter NR115 Shoreland Protection Program, we urge you to contact your state legislators as soon as possible to express your concerns. If you have other questions, please email them to [Julie.Anderson@GORacine.org](mailto:Julie.Anderson@GORacine.org).

James A. Ladwig  
Racine County Executive

Julie A. Anderson  
Racine County Planning & Development Director

**\*\*DRAFT\*\***

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# Flow of the Fox River

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The main stem of the Fox River arises in the Village of Lannon in Waukesha County and flows in a southerly direction to the City of Waukesha. At about the northern border of the City, the main stem of the Fox River is joined by the Pewaukee River, into which Pewaukee Lake drains. The Pewaukee River rises in the Village of Sussex.

The combined flow of the Fox River and Pewaukee River enters the Barstow Impoundment which is located in downtown Waukesha. Discharge from the Impoundment continues southward through the Village of Mukwonago, where the main stem of the Fox River is joined by the Mukwonago River, entering from the west, just north of I-43.

The combined flow of these waters continues south through the Village of Big Bend and Towns of Vernon and Waterford, to the Village of Waterford, where the River is again impounded by the Waterford Dam in the Village of Waterford.

South of the Village of Waterford, the main stem of the Fox River is joined by the Wind Lake outlet, which brings in flows from the Muskego Lakes and Wind Lake, immediately upstream of the Rochester Dam.

In the Village of Burlington, the main stem of the Fox River is joined by the combined flow of the Honey and Sugar Creeks (which converge into Echo Lake and then discharge into the main stem of the Fox River). Below the Village of Burlington, the River flows south into Illinois, where it is further augmented by flows from the White River (draining Geneva Lake in the City of Lake Geneva) and the Nippersink Creek (draining various lakes including the Twin Lakes in the Village of Twin Lakes).

The Fox River ultimately joins the Illinois River, a tributary stream of the Mississippi River system. The Fox River Basin is mapped and available electronically at:  
<http://dnr.wi.gov/water/basin/foxil/index.htm>.

12:00 AM

08/18/11

Accrual Basis

**Waterford Waterway Management District**  
**Balance Sheet**  
**As of August 18, 2011**

	<u>Aug 18, 11</u>
<b>ASSETS</b>	
Current Assets	
Checking/Savings	
Equitable Bank - Checking	399.98
Equitable Bank - MM	166,795.52
Total Checking/Savings	<u>167,195.50</u>
Total Current Assets	<u>167,195.50</u>
<b>TOTAL ASSETS</b>	<b><u>167,195.50</u></b>
<b>LIABILITIES &amp; EQUITY</b>	
Liabilities	
Long Term Liabilities	
Conservancy Bay Project	18,000.00
Total Long Term Liabilities	<u>18,000.00</u>
Total Liabilities	18,000.00
Equity	
Conservancy Bay Project 1	-18,000.00
Opening Bal Equity	3,477.82
Unrestrict (retained earnings)	61,802.02
Net Income	<u>101,915.66</u>
Total Equity	<u>149,195.50</u>
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b><u>167,195.50</u></b>



**Waterford Waterway Management District**  
**Income Detail**  
**As of August 18, 2011**

Type	Date	Name	Memo	Class	Clr	Split	Amount	Balance
<b>Ordinary Income/Expense</b>								
<b>Income</b>								
<b>Intergovernmental Income</b>								
<b>Grants</b>								
<b>Other Grants, As Assigned</b>								
Deposit	10/31/2010	Southeast Fox River ...	Reembersment for I...			Equitable Bank...	7,498.62	7,498.62
Deposit	5/18/2011	Southeast Fox River ...	Reimmbersment for...			Equitable Bank...	15,168.20	22,666.82
Total Other Grants, As Assigned							<u>22,666.82</u>	<u>22,666.82</u>
Total Grants							<u>22,666.82</u>	<u>22,666.82</u>
Total Intergovernmental Income							22,666.82	22,666.82
<b>Other</b>								
<b>Interest Income</b>								
Deposit	9/30/2010		Interest	General		Equitable Bank...	39.74	39.74
Deposit	10/31/2010		Interest	General		Equitable Bank...	39.02	78.76
Deposit	11/30/2010		Interest	General		Equitable Bank...	27.82	106.58
Deposit	12/31/2010		Interest	General		Equitable Bank...	25.34	131.92
Deposit	1/31/2011		Interest	General		Equitable Bank...	41.53	173.45
Deposit	2/28/2011		Interest	General		Equitable Bank...	80.52	253.97
Deposit	3/31/2011		Interest	General		Equitable Bank...	86.15	340.12
Deposit	4/30/2011		Interest	General		Equitable Bank...	76.19	416.31
Deposit	5/31/2011		Interest	General		Equitable Bank...	81.15	497.46
Deposit	6/30/2011		Interest	General		Equitable Bank...	72.36	569.82
Deposit	7/31/2011		Interest	General		Equitable Bank...	69.38	639.20
Total Interest Income							639.20	639.20
<b>Sales of WWMD Merchandise</b>								
Deposit	10/15/2010	Cash	Map Sale			Equitable Bank...	5.00	5.00
Deposit	8/17/2011	River City Marina	Map Sales			Equitable Bank...	40.00	45.00
Deposit	8/17/2011	Reinemans Hardware	Map Sales			Equitable Bank...	40.00	85.00
Total Sales of WWMD Merchandise							85.00	85.00
<b>Unassigned Donations</b>								
Deposit	2/9/2011	Golden Bay Subdivis...	Donation from Gold...			Equitable Bank...	300.00	300.00
Total Unassigned Donations							<u>300.00</u>	<u>300.00</u>
Total Other							1,024.20	1,024.20
<b>Special Charge Revenue</b>								
Deposit	10/15/2010	Town of Waterford	August payment			Equitable Bank...	2,340.00	2,340.00
Deposit	2/16/2011	Village of Waterford	January Tax Settle...			Equitable Bank...	13,000.00	15,340.00
Deposit	2/16/2011	Town of Waterford	January Tax Settle...			Equitable Bank...	68,250.00	83,590.00
Deposit	3/4/2011	Town of Waterford	Feb Settlement			Equitable Bank...	32,549.15	116,139.15
Deposit	3/4/2011	Village of Waterford	Feb Settlement			Equitable Bank...	7,125.00	123,264.15
Deposit	3/31/2011	D.J Torretta	Back pay for missin...			Equitable Bank...	185.00	123,449.15
Deposit	3/31/2011	Gail Fisher	Back pay for missin...			Equitable Bank...	185.00	123,634.15

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Accrual Basis

**Waterford Waterway Management District**  
**Income Detail**  
**As of August 18, 2011**

<u>Type</u>	<u>Date</u>	<u>Name</u>	<u>Memo</u>	<u>Class</u>	<u>Clr</u>	<u>Split</u>	<u>Amount</u>	<u>Balance</u>
Total Special Charge Revenue							<u>123,634.15</u>	<u>123,634.15</u>
Total Income							<u>147,325.17</u>	<u>147,325.17</u>
Net Ordinary Income							<u>147,325.17</u>	<u>147,325.17</u>
<b>Net Income</b>							<b><u>147,325.17</u></b>	<b><u>147,325.17</u></b>

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08/18/11

Accrual Basis

**Waterford Waterway Management District**  
**Expenses by Vendor Detail**  
 July 21 through August 18, 2011

Type	Date	Num	Memo	Account	Class	Amount	Balance
<b>Hanson &amp; Santaga, S.C.</b>							
Check	8/9/2011	1526	Research missing tax charg...	Professional Expenses(...	General	147.50	147.50
Total Hanson & Santaga, S.C.						147.50	147.50
<b>KJ Tax &amp; Accounting</b>							
Check	7/29/2011		Quickbooks Monthly fee	Professional Expenses(...		50.00	50.00
Check	8/16/2011		Quickbooks Monthly fee	Professional Expenses(...		50.00	100.00
Total KJ Tax & Accounting						100.00	100.00
<b>Malchine Farms</b>							
Check	8/16/2011	1530	Payment for land use from M...	Land Lease	General	50.00	50.00
Total Malchine Farms						50.00	50.00
<b>Paul Peters</b>							
Check	8/9/2011	1425	Stump and rock removal ben...	Project Expense	Special Projects	1,620.00	1,620.00
Total Paul Peters						1,620.00	1,620.00
<b>Postmaster</b>							
Check	8/9/2011	1527	Annual PO Box fee	Postage	General	70.00	70.00
Check	8/16/2011	1531	Postage for Newsletter	Newsletter Expense	General	200.00	270.00
Total Postmaster						270.00	270.00
<b>Reinemans Hardware</b>							
Deposit	8/17/2011		Map Sales	Sales of WWMD Merc...		-40.00	-40.00
Total Reinemans Hardware						-40.00	-40.00
<b>Richard Kosut</b>							
Check	8/9/2011	1524	Office Supplies	Office Supplies	General	31.80	31.80
Check	8/9/2011	1524	Stump and rock removal ben...	Project Expense	Special Projects	17.89	49.69
Check	8/9/2011	1524	Fuel - Weed Spraying	Project Expense	Aquatic Plant Eradication	43.00	92.69
Total Richard Kosut						92.69	92.69
<b>River City Marina</b>							
Deposit	8/17/2011		Map Sales	Sales of WWMD Merc...		-40.00	-40.00
Total River City Marina						-40.00	-40.00
<b>WDNR</b>							
Check	8/9/2011	1525	Charge for fly overto take pic...	Project Expense	Special Projects	438.90	438.90
Total WDNR						438.90	438.90
<b>No name</b>							
Deposit	7/31/2011		Interest	Interest Income	General	-69.38	-69.38
Total no name						-69.38	-69.38
<b>TOTAL</b>						<b>2,569.71</b>	<b>2,569.71</b>

**Waterford Waterway Management District**  
**Custom Summary Report**  
**August 30, 2010 through September 30, 2011**

	<u>Aug 30, '10 - Sep 30, 11</u>
Ordinary Income/Expense	
Income	
Intergovernmental Income	
Grants	
Other Grants, As Assigned	22,666.82
Total Grants	<u>22,666.82</u>
Total Intergovernmental Income	22,666.82
Other	
Interest Income	691.22
Sales of WWMD Merchandise	85.00
Unassigned Donations	<u>300.00</u>
Total Other	1,076.22
Special Charge Revenue	<u>123,634.15</u>
Total Income	147,377.19
Expense	
Annual Meeting Expense	805.13
District Phone	105.35
Dues & Subscriptions	85.00
Insurance	1,877.00
Land Lease	50.00
Legislative Committee	133.37
Newsletter Expense	2,576.50
Office Supplies	946.37
Postage	299.00
Printing and Copying	66.61
Professional Expenses(A&L)	1,035.00
Project Expense	40,666.19
Storage	<u>385.00</u>
Total Expense	<u>49,030.52</u>
Net Ordinary Income	<u>98,346.67</u>
Net Income	<u><u>98,346.67</u></u>



