

*Mission: To protect and enhance the quality of water in the lakes within its jurisdiction....ensure wise decisions are made concerning the management and related land resources which impact these lakes.*

**PELICAN RIVER WATERSHED DISTRICT  
MEETING ANNOUNCEMENT  
Public Hearing on 2019 Budgets,  
levies/Assessments and Fees  
Regular MONTHLY MANAGERS' MEETING  
Tuesday, September 11, 2018**

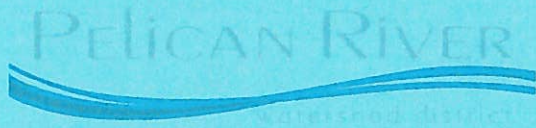
**6:15 PM**

**Wells Fargo Bank, 2<sup>nd</sup> Floor Conference Room  
211 Holmes Street West, Detroit Lakes, MN  
(218) 846-0436 [www.prwd.org](http://www.prwd.org)**

**AGENDA**

- |                |  |
|----------------|--|
| <b>6:15 PM</b> | <b>Public Hearing-2019 Preliminary Budgets and Levies/Assessments and Fees</b>   |
| <b>6:30 PM</b> | <b>1. Approval of Agenda and Consent Agenda (Administrator's Report; Secretary's Report –<i>August 16, 2018 Regular Meeting Minutes; May 24, 2018 Public Hearing Minutes for Impoundment of Waters of Becker County Ditch 13, Rules/Permitting Report; Ditch Inspector's Report</i>)</b> |
| <b>6:35 PM</b> | <b>2. Committee Updates</b><br>a. Personnel, RMP/Rules, Citizen Advisory   |
| <b>6:40 PM</b> | <b>3. Old Business</b><br>a. Rice Lake Project Progress – Eugene Pavelko, Detroit Township   |
| <b>7:00 PM</b> | <b>4. Treasurer's Report</b><br>a. <b>Approve September 2018 Bills</b><br>b. <b>Approve Fund transfer</b><br>c. <b>Review January-August 2018 Revenue &amp; Expenses</b> – to be filed and subject to audit.   |
| <b>7:15 PM</b> | <b>5. New Business</b><br>a. <b>Alum Study/St. Clair and North Floyd</b><br>b. <b>Approve 2019 Preliminary Budget, levies, assessments and fees</b>  |
| <b>8:15 PM</b> | <b>6. Public Forum (5 minutes)</b>   |
| <b>8:20 PM</b> | <b>7. Attorney's Report</b><br><b>8. Engineer's Report</b><br><b>9. Pulled Consent Agenda Items</b>  |
| <b>8:30 PM</b> | <b>10. Announcements –</b>   |
| <b>8:35 PM</b> | <b>11. Meeting Adjournment</b> (action items in bold face)   |





THE PELICAN RIVER WATERSHED  
DISTRICT OF  
BECKER AND OTTERTAIL  
COUNTIES  
**MINUTES OF THE REGULAR MEETING**

**August 16, 2018**

**Managers Present:** Kral, Okeson, Michaelson, Haggart, Deede, Imholte (6:33 PM)

**Managers Absent:** Refsland

**Staff:** Administrator Guetter, Alcott, Moses

**Consultants:** Attorney Skoyles

**Advisory Committee:** John Okeson, Becker County Commissioner **Others:** Terry Anderson, Scott Gilbertson, Public Utilities, City of Detroit Lakes

The Regular Managers' meeting was called to order by President Kral at 6:15 PM.

**CONSENT AGENDA.** Approval of the Agenda (*added City of DL Waste Water Treatment Plant Update*), August 2018 Administrator Report (*except Ottertail Basin and Ditch 12/Monitoring*); Secretary's Report July 19, 2018 Regular Managers' Meeting Minutes; August 2018 Rules/Permitting Report and Ditch Inspector's Report was approved (Okeson, Deede), carried unanimously.

**PROGRESS REPORTS.**

**Personnel Committee** –no business to report.

**Rules/Revised Management Plan (RMP)**–no business to report.

**Citizen Advisory Committee** – Kral and Alcott will be attending Floyd Shores Lake Association meeting on Saturday, August 25.

**Public Forum:**

- a. **Detroit Lakes Waste Water Treatment Plant Update.** Scott Gilbertson, Water/Wastewater Supervisor, City of Detroit Lakes provided a project report on the new wastewater treatment facility which is currently under construction.

**OLD BUSINESS.**

- a. **Rice Lake Progress Report** – Guetter reported she will be meeting with engineer, lawyer, and township in late August to review progress and next steps forward.
- b. **Water Management Rules**- Park Core Storage Unit Condo was issued. Nothing further to report.

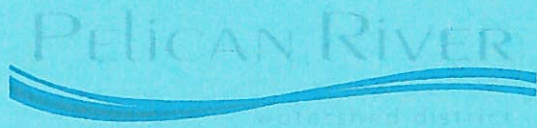
**TREASURER'S REPORT**

- a. **Approval of August 2018 Claims.** Manager Michaelson reviewed the monthly bills and cost share program reimbursement requests. **Motion to pay August 2018 claims (Checks #14499-14513 and EFT 786-793) in the amount of \$37,821.58 (Michaelson, Haggart), carried unanimously.**
- b. **August 2018 Fund Transfers.** \$64,000 is needed to cover monthly expenses. **Motion to transfer \$64,000 from Bremer Bank savings account to the checking account (Michaelson, Imholte), carried unanimously.**
- c. **Financial Report.** The January-July 2018 Revenues and Expenses Report was reviewed by the managers. **Motion to approve the January-July 2018 R & E Report (Michaelson, Deede), carried unanimously.** The report will be filed for audit.

**NEW BUSINESS.**

- a. **Review 2019 Preliminary Budget, Levies, Assessments and Fees.**  
The Managers reviewed and discussed the 2019 proposed Budget, Levies, Assessment and Fees for the General, SADAF, Utility, LMP-01, Ditches 11-12, 13, 14, Project 1B, Project 1C programs and projects. The Public Hearing is set for Tuesday, September 11, 2018 at 6:15 PM.
- b. **Cost Share Program.** Shoreline restoration projects on the Bill Ufkin (Melissa Lake) and Anne Anderson (Long Lake) properties have been completed. The District received invoices and copies of paid receipts from the landowners and District staff field checked and verified the buffers were installed according to the program requirements and permits issued. Both landowners were eligible to receive the maximum reimbursement amount of \$500. The payments were approved under the Treasurer's Report





THE PELICAN RIVER WATERSHED  
DISTRICT OF  
BECKER AND OTTERTAIL  
COUNTIES

MINUTES OF THE REGULAR MEETING

**Pulled Consent Agenda Items:**

- a. **Ottertail WRAPs streambank Assessment.** MN DNR staff and Guetter, Alcott, Manager Okeson, and summer interns assisted with data collection for the Campbell Creek Streambank assessment. Staff noted areas of bank erosion, sediment deposition, and tree snags. The section between Floyd Lake to County Rd 149 was completed and on Sept 4 & 5, we will assist with the section between Becker County 149 to 230<sup>th</sup> Street and on the Pelican River between HWY 10 and Detroit Lake.
- b. **Ditch 12/Monitoring.** Staff noted sediment sampling on Campbell Creek indicates the sediment source to Floyd Lake is mainly from streambank erosion between 230<sup>th</sup> Street and Floyd Lake. Manager Okeson also reported there are 8-10 downed trees between Campbell Lake and 230<sup>th</sup> Street. Okeson stated he will use his equipment to remove the trees and will need help from his son to remove the snags. Staff will review the site and issue work order, and mail required forms to be completed prior to work conducted (Drainage System Independent Contractor Certification, W-9, Drainage Systems Tree Removal, Beaver Control, and Dam Removal Policy, and Drainage System Work Expense Claim Form).

**PUBLIC FORUM –**

Commissioner John Okeson reported on the Airport construction. Managers inquired about permit system software development progress and electronic funds transfer capabilities.

Terry Anderson reported on aquatic plant roadside pick up program on Detroit, Curfman, Sallie and Melissa lakes. Anderson noted issues with residents placing large quantities of Chinese mystery snails and sand mixed in with the plants in the curbside piles. The roadside program is for aquatic plants and the equipment does not pick up sand or snails.

**ATTORNEY REPORT-** Nothing further to report.

**ANNOUNCEMENTS –** The Public Hearing for 2019 Budget, Levies, Assessments and Fees is set for Tuesday, Sept. 11, 2018 at 6:15 PM followed by the September Board meeting.

**ADJOURNMENT.** Motion to adjourn the meeting at 8:01 PM (Kral, Okeson), carried unanimously.

Meeting Approved: \_\_\_\_\_

Respectfully Submitted,  
Secretary, Janice Haggart



**Pelican River Watershed District**  
**Claims Paid**  
**August 2018**

<u>Date</u>		<u>Num</u>	<u>Amount</u>
<b><u>Employee ACH</u></b>			
08/20/2018	*Alcott, Brent	EFT-786	103.77
08/20/2018	*Guetter, Tera	EFT-787	42.73
08/20/2018	*Moses, Brenda	EFT-788	688.81
			<b>835.31</b>
<b><u>Vendor ACH</u></b>			
08/20/2018	Lakes Computer Repair & Consulting	EFT-789	200.00
08/20/2018	RMB Environmental Laboratories, Inc.	EFT-790	2,523.00
08/20/2018	Wells Fargo-Office Lease	EFT-791	1,299.58
08/20/2018	Wenck Associates, Inc	EFT-792	3,107.43
08/20/2018	Xerox Corporation	EFT-793	298.83
			<b>7,428.84</b>
<b><u>Vendor Checks</u></b>			
08/20/2018	Arvig	14499	56.85
08/20/2018	Bank of America	14500	761.31
08/20/2018	^Campbell, Joshua	14501	1,500.00
08/20/2018	County 6 Amoco & Bait	14502	590.46
08/20/2018	^Habedank, Rhoda	14503	250.00
08/20/2018	L & M Supply	14504	33.14
08/20/2018	Office of Enterprise Technology	14505	107.89
08/20/2018	Professional Lake Management	14506	19,512.12
08/20/2018	^Terry, Karen	14507	40.00
08/20/2018	The Ice Cream Truck	14508	70.00
08/20/2018	Verizon	14509	40.16
			<b>22,961.93</b>
<b><u>Rice Lake Project</u></b>			
08/20/2018	Houston Engineering Inc.	14510	4,526.50
08/20/2018	Vogel Law Firm	14511	1,069.00
			<b>5,595.50</b>
<b><u>Cost Share Project</u></b>			
08/20/2018	^Anderson, Anne	14512	500.00
08/20/2018	^Ufkin, Bill	14513	500.00
			<b>1,000.00</b>
08/09/2018	Employee Payroll	EFT 776-782	7,130.49
08/13/2018	Supplemental Benefits	EFT 783-785	2,377.72
08/13/2018	Federal Withholding		2,761.08
08/23/2018	Employee Payroll	EFT 794-800	6,999.11
08/31/2018	Federal Withholding		2,175.26
08/31/2018	MN HCSP		500.00
08/31/2018	MN Revenue		782.00
08/31/2018	NACO		1,884.00
08/31/2018	PERA		2,026.25
	<b>Total August Expenses</b>		<b>\$ 64,457.49</b>



**Pelican River Watershed District  
Administrator Monthly Report  
September 6, 2018  
[www.prwd.org](http://www.prwd.org)**

## **MAIN DISTRICT WATER QUALITY INITIATIVES**

**Targeted Watershed Nutrient Reduction Grant/Rice Lake Project.** Guetter, Bennett Johnson (Vogel) and Ted Rud are working on updating the 4 remaining easements, completing the final order for the impoundment on Ditch 13, and working with Detroit Township on partial road abandonment. Guetter sent the updated Joint Powers Agreement to Larry Remmen to review. Guetter met with Henry VanOfflen and Brett Arne, BWSR staff and gave a project update.

**Otter Tail Basin Watershed Restoration and Protection Strategies (WRAPS).** District Staff joined the MN DNR to complete survey of stream bank stability and erosion on Campbell Creek from Co Rd 149 to 230<sup>th</sup> St. on September 5<sup>th</sup>. This area is seasonally pastured and there were several bank areas which were trampled down by cattle watering and crossing use, exposing fine sediment. DNR staff will use the data to model and predict sediment loss from streambank erosion. It was suggested to add eColi to the CC1 monitoring station. A survey of the Pelican River between Highway 10 and Detroit Lake will be completed on September 7<sup>th</sup>.

**Pelican River Watershed District 103E Systems Only Buffer Rule**—The District received an approval letter from the Board of Water and Soil Resources (BWSR) of the District's Buffer Enforcement Rule, see enclosure.

**St. Clair and North Floyd Lake.** Towards determining best management practices to reduce in-lake internal Phosphorus loading from St. Clair and North Floyd bottom sediments, the District requested and received a preliminary study cost estimates for both lakes. The study entails collecting sediment samples, lab analysis, and a report which will include lab results, phosphorus budgets, historic water quality data, monitoring recommendation, and alum dosing rates.

**Ditch 14 Wetland.** The District also requested input to determine whether an alum treatment on St. Clair (removal of around 22lbs/year for \$450,000 (two treatments) will result in the necessary phosphorus reductions to Sallie. The new waste water treatment plant will average discharging 1.2 M gallons/day of treated water year-round through St. Clair Lake and Ditch 14 wetland. This type of study work is not as "straight forward" as the in-lake studies. Options such as a wetland bypass to limit /reduce flows through the wetland or creating pools to change the hydrologic function (Rice Lake Project) will need to be considered if it is determined that P release is an issue. Additional information and discussions are needed.

## **WATER MANAGEMENT RULES**

**Permits** - see enclosed report.

## **MONITORING**

**Stream Monitoring**— With little rainfall over the past month, stream flow and nutrient (phosphorus and sediment) concentrations are at lower levels than last month. At CC1 (Campbell Creek/County Rd 149) Sediment concentrations (TSS) were 3.8 ppb (53.4 ppb average) and phosphorus at 61 ppb (124 ppb average) with only 2.8 cubic ft/second of flow. In contrast, Ditch 14 (Lake St. Clair outlet) has an increase of water flow due to groundwater dewatering for the construction of the new waste water treatment facility. Last week total phosphorus levels were measured at 111ppb at the outlet of St. Clair and 164ppb at the Ditch 14 outlet to the Pelican River. More interesting (or concerning) is the increase in dissolved phosphorus through the wetland from 4ppb to 77ppb at the Ditch 14 outlet.

**Lake Monitoring** – With the lower nighttime temperatures, surface water temperatures have also begun to cool, starting the mixing process of thermally stratified lakes. With that biannual water mixing of most of the District Lakes, often there is a late season algal bloom as the bottom phosphorus laden layer is mixed up to the top surface area and feeds the algae.

**Notable water quality trends.** Water quality results on Big Detroit have been consistently equal or better than Little Detroit, which is opposite of the long-term trend, This past week, water clarity on Big Detroit was 13.5 feet while Little Detroit was only at 9.5 feet. Another standout is Lake Sallie, where water quality is also higher than long term trends. In 2017, summer season water clarity averaged 9.3 feet, and so far this year water clarity is averaging at 13.75 feet, with two more measurements in September. Phosphorus concentrations are also measuring better than the long term



average, where most of the results range between 18 – 25 ppb (37ppb long term average). It is not yet known if these results are a by-product of Zebra mussel water filtering or from other factors (weather, etc.).

**Summer Interns.** Ali Chalberg and Eli Disse completed their summer internship (both received college credits) at the District at the end of August. Staff felt both interns performed their tasks exceptionally well, were self-motivated, and needed limited supervision. They were particularly helpful with giving us ideas on how to better advertise the summer internship at Bemidji State, such as posting on organizational club social media sites. We already greatly miss their cheerfulness and energy!

## **EDUCATION**

**KDLM Radio** – Alcott and interns spoke on Hodge Podge on August 17<sup>th</sup>. Ali Chalberg and Eli Disse talked about their learning experience with the District and the value of having the opportunity apply their classroom knowledge in the field, such as the stream and lake monitoring collection and the data review. They enjoyed working with the public at the County fair and at the AIS Research Conference. Alcott reviewed summer lake and stream water quality trends, the Aqua Chautauqua event, recent Flowering Rush treatments, and the upcoming Campbell Creek stream bank assessment.

**Aqua Chautauqua Event-** The event was held on August 9<sup>th</sup> at Becker County Dunton Park, and was a huge success with over 300 people attending. It was an excellent collaborative event with staff from MN DNR, MPCA, U of MN Extension, Becker County and Becker SWCD, Becker COLA and the Becker County Museum working together. Moses wrote up a summary of the event which can be used for future planning. She submitted the required documentation to the U of MN Extension for the \$500 Grant we were awarded to help offset costs of the event.

**Floyd Lake Point Meeting-** Alcott attended the Floyd Point meeting on August 25<sup>th</sup>. He discussed water quality trends of Big, North, and Little Floyds; the MN DNR Campbell Creek stream bank assessment; and have a brief demonstration of the MN DNR lake finder webpage and highlighted features. Manager Kral also attended the meeting.

**BWSR Academy** – Staff has received the information for the Annual BWSR Academy to be held at Breezy Point at the end of October. Training sessions are geared more toward Watershed employees than in the recent past and Alcott and Moses have enrolled for two days of training.

**International Red River Basin Board.** – On August 28, Guetter gave an overview and led a bus tour of PRWD projects- Rice Lake, Stormwater management corridor (Industrial park, HWY 10), Lodge on the Lake Commercial Property, Detroit Overlook, City Park rain gardens, City Beach and the DL Waste Water Treatment plant. Almost all of the 30 people on the tour were from Canada.

## **GENERAL ADMINISTRATION**

**MAWD finance Committee Meeting** – Guetter will be attending the MAWD finance Committee meeting on Sept 10<sup>th</sup>, where the committee will be reviewing the MAWD budget and District membership dues structure.

## **AQUATIC INVASIVE SPECIES MANAGEMENT**

**MN DNR AIS Advisory Committee Meeting.** Guetter attended the August 23<sup>rd</sup> meeting in St. Cloud. The committee members heard from MN DNR regarding their Community based social marketing program, AIS summer learning sessions for LGU's, Wright County Regional Inspection Pilot Project, Minnesota AIS Research Center – Research Priorities input from Committee, the group's legislative priorities, and discussion topics for upcoming meetings. Guetter also requested MAISRC to develop rapid response plans (MN DNR is slow to develop). Guetter is currently communicating with Ryan Wersel, who helped John Madsen with our Flowering Rush research and is now a professor at Mankato State. Guetter requested a proposal to develop a rapid response plan for Starry Stonewort and Eurasian Water Milfoil since Dr. Wersel has been extensively involved with treating these species.

**2018 Flowering Rush Treatment.** Alcott completed the post-treatment surveys on Detroit, Curfman, Sallie, and Melissa. The adaptive management treatment strategy continues to be effectively maintaining low Flowering rush densities. After observing poor near shore control after the late June treatment on Lake Sallie in the new mixed Flowering rush/ bulrush 32 acre treatment area, particularly in the area between Dunton Rapids and the MN DNR building, staff called PLM to find out more about the treatment method. Patrick Selter reviewed the data, and it was determined the treatment dosing rate was incorrect, due to incorrect near shore water depth data (should have been 4 ft, not 2 ft). Alcott field verified the water depth and PLM recalibrated the dosing rate in this area with the updated information.. The control from the 2<sup>nd</sup> treatment was very effective near the shoreline, however, the near-shore area near Dunton Rapids continues to be a challenge due to water movement and reduced chemical contact time.



**DRAINAGE SYSTEM REPORT**  
**September 2018**

**Ditch 11/12**

Work Order – Issued on August 22, to Matt Okeson for removing tree snags between Campbell Lake and 230<sup>th</sup> Street  
Work Order- Issued on September 6 to Josh Campbell for trapping beaver and removing two beaver dams, one just upstream of 230<sup>th</sup> Street and the other downstream located near the south line of the farm field.

**Ditch 13**

Work Order - Issued on September 6 to Josh Campbell to trap beaver and remove dam located just downstream from the Rice Lake Outlet.

**Ditch 14** – Nothing to report.



# RULES OF ENFORCEMENT

## September



### Permits Issued

<u>No.</u>	<u>Name</u>	<u>Address/Area</u>	<u>Approved Project</u>
18-37	Andrew Satter Satter Holding	939 Cormorant Ave. DL Industrial Park	New building construction. Impervious surface coverage over 25%.
18-38	Swanson's Repair	1220 Randolph Rd. DL Industrial Park	New building construction. Impervious surface coverage over 1 acre.
18-39	Graham, Judd	1866 Brainard Blvd. Long Lake	SIZ alteration-remove retaining wall, install native buffer and new patio.
18-40	Bekkerus, Robert /Bonnie	126 Shorewood Dr. Detroit Lake	New home construction. Over 25% impervious surface coverage.
18-41	Spillman, Robert Highland Estates	1335 Highland Dr.	Construction of 22 unit condo complex and parking. Impervious surface over 10,000 sq. ft. in the Shoreland District.
18-42	Corwin, Drew	24700 So. Melissa Dr. Lake Melissa	New home and driveway construction. Impervious surface over 10,000 sq. ft. SIZ alteration-remove rip rap, install native plants and buffer.
18-43	Johnson, Jeff/Danyel	23310 So. Melissa Dr. Lake Melissa	SIZ alteration-remove retaining wall, install rip rap and native buffer.
18-44	City of Detroit Lakes Airport Phase 2 Exp.	24813 US Hwy 10	1,100 ft of runway extension, new taxiway. Impervious surface coverage of 3.03 acres.
18-45	Vilmo, David/Karen	224 Shorewood Dr. Detroit Lake	SIZ alteration. Reduce ice pressure ridge, install rip rap and native plants.
18-46	Blom, Andy/Rolf	12951 W Lake Sallie Dr. Lake Sallie	SIZ alteration-remove 10 storm damaged trees.
18-47	Waldera, Jean Anne	23620 So. Melissa Dr. Lake Melissa	SIZ alteration-sand blanket, add fill to muskrat burrows reseed lawn.
18-48	Pelican Landing LLC	1325 Pelican Lane	New senior living facility. 2.5 acres impervious surface coverage. Storm water management plan needed.

### Permit Applications submitted

**Becker County Hwy Dept**—County Hwy 131. Reconstruction of road from Hwy 59 to Tower Rd. Rate calcs received 8/30. Wenck reviewing.

**Thrifty White Pharmacy**—321 West Main St. New building construction and site redevelopment. Wenck currently working on second review.

**Friesen's**—1389 Cormorant Ave. Building additional and parking lot construction. Wenck currently on second review.

**Laker Island Storage**—25174 Cty Hwy 6, storage facility, Wenck currently reviewing.

**Apex Townhomes**—1401-1440 Apex Court, construction of (5) 6-unit townhomes. Wenck currently reviewing.

### Permit Applications expected

**City of Detroit Lakes**—Randolph Road reconstruction-fall 2018.

**Spitfire Grill**—1100 North Shore Drive, no application received.

**Historical Society Museum**—Plans are being developed for both building and parking lot redevelopment.

**Detroit Mountain Recreational Area**—Apex working on stormwater management plan for entire complex.

### Violations Under Remediation

**Ault, Barry and Kathryn**—15611 W Munson lane—SIZ tree removal without a permit. Stop work order sent 8/23/18.

**Aabye, Marjean**—20818 Clarks Grove Rd. SIZ Violation in late 2017. Guetter met with owner on site 7/2 and agreed on plan. The south 25' of retaining wall and new sand area will be removed and slope regraded with grass planted. They will maintain 25' of sand blanket area on northern half of property. Work to be completed by mid September.

### Progress Report

**Golden Bay Shores**—Retaining wall has been constructed as designed and meets City requirements. Reseeded stormwater ponds is complete. We will continue to monitor the site throughout the summer.