

PELICAN RIVER WATERSHED DISTRICT
MEETING ANNOUNCEMENT

Regular Monthly Managers' Meeting
Thursday July 21, 2022 at 5:00 PM

Wells Fargo Building, Second Floor Meeting Room, 211 Holmes St. West,
Detroit Lakes, MN
(218) 846-0436

AGENDA

5:00 PM	1. Call to Order 2. Approval of Consent Agenda A. Secretary Report—June 16, 2022 Regular Meeting Minutes B. Administrator's Report C. Ditch Inspector's Report D. Rules/Permitting Report
5:10 PM	4. Committees Reports A. Personnel B. Citizen/Technical Advisory C. Otter Tail 1W1P Updates-Policy and Technical Committees D. MAWD Strategic/Finance Committees
5:40 PM	5. New Business A. Schedule District Tour date B. Intern introduction and presentation
6:10 PM	6. Unfinished Business A. None
6:10 PM	7. Treasurer's Report A. Approve July 2022 Bills and 2nd Qtr Manager Per Diems & Expenses B. Approve July Fund transfer C. Review January–June 2022 Revenue & Expenses Report
6:25 PM	8. Public Forum (5 minutes)
6:30 PM	9. Attorney's Report 10. Engineer's Report 11. Pulled Consent Agenda Items
6:40 PM	12. Announcements—September 8, 2022 at 5:00 PM Public Hearing for 2023 Budgets, Levies, and Assessments followed by Regular Board Meeting.
6:45 PM	13. Meeting Adjournment (action items in bold face)

**PELICAN RIVER WATERSHED DISTRICT
REGULAR MEETING BOARD MINUTES
JUNE 16, 2022**

Managers Present: Dennis Kral, Chris Jasken, Rick Michaelson, Charlie Jasken, Ginny Imholte, Phil Hansen,

Managers Absent: Orrin Okeson

Staff: Administrator Guetter, Kemper, Moses

Consultants: Attorney Skoyles, Engineer Mackowick (via IT)

Advisory Committee: John Okeson **Others:** Susan Schiessl (Auditor), Matthew Ask (Bremer Bank), Kyle Vareberg (Becker County Planning & Zoning), Pam Krueger (Munson Lake)

CALL TO ORDER. The Regular Managers' meeting was called to order by President Kral at 5:05 PM.

APPROVE CONSENT AGENDA. Motion to approve the Consent Agenda (*addition of update status on Oehlke property*), including the Secretary's Report –May 19, 2022 Regular Meeting Minutes, June 2022 Administrator's Report; June 2022 Rules/Permitting Report, and the June 2022 Ditch Inspector's Report (Imholte, Michaelson); carried unanimously.

Public Forum. Pam Krueger, Munson Lake resident, apprised the Managers of a flooding issue (reaching 40 year high) on an East Munson Lake Road segment that has been affecting several riparian properties the past two months. The impacted road segment is located between several riparian lots and a flooding wetland. In the past, minor flooding has subsided within a couple of weeks. Kreuger inquired if the watershed district could help resolve the issue. After discussion it was determined to be a township matter. Guetter will review the site with Ed Clem, Becker Soil and Water Conservation District wetland specialist. No action was taken.

COMMITTEE REPORTS.

Personnel Committee: Nothing to report.

Citizen Advisory Committee: Lake Detroiters and Sallie/Melissa Lake Improvement Associations will hold their annual meetings on Saturday, June 18th. District lake reports will be distributed at the meetings.

BWSR Meeting. On June 15, 2022, Administrator Guetter met with Justin Hanson, the new BWSR Assistant Executive Director and Pete Waller, Board Conservationist. PRWD programs and projects were reviewed and Mr. Hanson was complimentary of the work the District is doing and understood the complexity of the issues the District faces, especially with the Rice Lake Project, given all the hurdles the District had to overcome over a 20-year period.

Otter Tail 1W1P Policy and Technical Advisory Committees: No additions to the Admin Report.

MAWD Strategic Plan (Kral) & Finance (Kral, Guetter) Committees: Kral and Guetter reported the Finance Committee met and is making a recommendation to the MAWD Board for 2023 membership dues. Kral reported the strategic plan committee continues to meet and a draft pan will be presented at the MAWD annual meeting in December.

NEW BUSINESS.

- a. **2021 Annual Audit:** Susan Schiessl of Clasen & Schiessl CPAs, reviewed the 2021 audit with the managers. She reported that the District financial records are in good order, no deficiencies were found, and fund balances are adequate **Motion to approve the 2021 Financial audit as presented (Michaelson, Charlie Jasken) carried unanimously. The report will be files with the State Auditor's office and on the District's website.**
- b. **Bremer Bank Services:** Matthew Ask, of Bremer Bank and also representing Raymond James Investments, presented different investment options for public funds including municipal bonds. No action was taken.
- c. **HEI/Little Floyd Lake Outlet Modification.** The MN DNR and PRWD will submit a grant application in September for the outlet modification. Preliminary engineering work is eligible for the grant match. **Motion to approve up to \$10,000 for engineering and design services for the Little Floyd Lake Outlet, Becker County per Houston Engineering June 6, 2022 proposal letter and 2022 fee schedule (attached hereto) and obtaining permission to enter the property from the landowner. (Kral, Chris Jasken) carried unanimously.**
- d. **Mahube – Road vacation.** More information is needed. No action taken.

**PELICAN RIVER WATERSHED DISTRICT
REGULAR MEETING BOARD MINUTES
JUNE 16, 2022**

UNFINISHED BUSINESS.

- a. **Projects 1B and 1C Roadside Service Update:** Miller Landscaping reported the weekly pickup is going smoothly. The District has not received any complaints to date. The sale of District equipment will be addressed later this summer.

TREASURER'S REPORT.

- a. **Approval of June 2022 Bills.** Treasurer Michaelson presented the June 2022 claims to the Managers. **Motion to approve the June 2022 claims, (Checks 14972-14983 and EFT 1910-1915) in the amount of \$21,646.01 (Michaelson, Charlie Jasken); carried unanimously (attached hereto).**
- b. **June 2022 Fund Transfer.** Treasurer Michaelson recommended transferring \$50,000 to cover the regular monthly expenses. **Motion to transfer \$50,000 from the Bremer Bank savings account to the checking account (Michaelson, Charlie Jasken); carried unanimously.**
- c. **Financial Report.** The January-May 2022 Revenues and Expenses Report was reviewed by the managers. **Motion to approve the January-May 2022 R & E Report (Michaelson, Hansen); carried unanimously.**

ATTORNEY REPORT. Skoyles expressed her appreciation as a member of the City of Detroit Lakes Park Board for the work that Watershed District staff did on the South Shore Park planting plan. The grand opening of the park was held on Wednesday, June 15, and only favorable comments were received.

ENGINEER REPORT. Engineer Mackowick stated he recently reviewed the Airport project, but currently there are no applications/plans requiring review by him. FEMA Flood Study Grant: Mackowick reported a recent meeting between Stantec staff and Guetter went very well.

PULLED CONSENT AGENDA ITEMS:

Rule Violation: The Letter of Credit on the Oehlke property will expire on 7/1/2022. Staff has asked for a new Letter of Credit to expire on 7/1/2023 with an increased dollar value per the quote of his contractor and a 10% contingency.

The Becker County Planning Commission has voted to allow 12 non-conforming riparian lots for property owned by Victoria Williams on Melissa. This same request was denied in 2015 and staff questions whether this will be allowed under state statute.

ANNOUNCEMENTS. NONE

ADJOURNMENT. Motion to adjourn the regular meeting at 7:17 PM (Kral, Imholte); carried unanimously.

Respectfully Submitted,

Chris Jasken, Secretary

Meeting Approved: _____

**Pelican River Watershed District
Claims Paid - June 2022**

	<u>Date</u>	<u>Num</u>	<u>Amount</u>
<u>Employee Expenses (ACH)</u>			
*Guetter, Tera	06/20/2022	EFT 1910	75.00
*Kemper, Gina	06/20/2022	EFT 1911	112.79
*Moses, Brenda	06/20/2022	EFT 1912	24.38
			\$ 212.17
<u>Vendor Auto Pay</u>			
Bremer Bank	06/16/2022	ACH	15.00
Loffler Companies, Inc.	06/16/2022	ACH	176.91
			\$ 191.91
<u>Vendor Expenses (ACH)</u>			
Lakes Computer, Inc.	06/20/2022	EFT 1913	200.00
RMB Environmental Labs, Inc.	06/20/2022	EFT 1914	192.00
Wells Fargo-Office Lease	06/20/2022	EFT 1915	1,299.58
			\$ 1,691.58
<u>Vendor Expenses (Checks)</u>			
Arvig	06/17/2022	14972	64.15
Bank of America	06/17/2022	14973	736.50
Clasen & Schiessl CPAs	06/17/2022	14974	6,328.00
County 6 Amoco & Bait	06/17/2022	14975	219.77
Erickson's Smokehouse Grill	06/17/2022	14976	728.10
Forum Communications	06/17/2022	14977	139.00
^Kruse, John	06/17/2022	14978	28.78
Loffler	06/17/2022	14979	172.91
Office of MNIT Services	06/17/2022	14980	67.14
PLM Lake and Land Management	06/17/2022	14981	11,023.00
Premium Waters, Inc.	06/17/2022	14982	8.35
Tech Sales Co.	06/17/2022	14983	34.65
			\$ 19,550.35
<u>Payroll Expenses (ACH)</u>			
Supplemental Benefits	06/08/2022	EFT 1902-1904	2,572.50
Employee Payroll	06/09/2022	EFT 1905-1909	5,396.00
Federal withholding tax	6/10/2022	ACH	2,213.00
Employee Payroll	06/23/2022	EFT 1916-1920	5,406.99
Federal withholding tax	6/30/2022	ACH	1,655.02
MN State Retirement	6/30/2022	ACH	5,526.00
MN Revenue	6/30/2022	ACH	649.00
PERA	6/30/2022	ACH	2,240.00
			\$ 25,658.51
Total June Expenses:			<u>\$ 47,304.52</u>

June 6, 2022

via Email: tera.guetter@arvig.net

Pelican River Watershed District
Attn: Tera Guetter, Administrator
211 Holmes St. West, Suite 201
Detroit Lakes, MN 56501

**Subject: Proposal for Engineering and Design Services
Little Floyd Lake Outlet, Becker County**

Dear Tera,

We are pleased to provide a scope of services for preliminary survey and engineering design work associated with the Little Floyd Lake Outlet Project to the Pelican River Watershed District. From discussions with the DNR, it appears the design of a rock arch rapids downstream of the existing outlet dam is desired. A rock arch rapids will provide improved upstream migration of fish into Little Floyd Lake.

SCOPE OF WORK

In order to produce construction plans and accurate quantities for cost estimates for the project, survey information is needed in the vicinity of the existing outlet. We would propose to complete survey as needed to complete the design of a rock arch rapids at the existing lake runoff.

In addition to using the survey work for the completion of preliminary construction plans for the project, the survey information will be used to ensure that the proposed work will not adversely affect water levels upstream of the outlet. Hydraulic modeling of the existing outlet and the proposed project will be completed. The hydraulic modeling will be used during the project design.

All of these efforts would provide information for the PRWD to submit a Conservation Partners Legacy (CPL) grant application. Typically, the CPL grant program applications are due in September, so we would have information ready for the grant application period.

The following tasks would be completed:

Task	Task Activities
1	Gather existing Little Floyd Lake Outlet information, field review Little Floyd Lake Outlet, complete field survey for project design/modeling, as needed.
2	Preliminary project design, complete existing and proposed conditions HEC-RAS models, assemble Preliminary Construction Plans, and Opinion of Probable Cost for project

We propose to provide the engineering services described in Tasks 1 and 2 for a fee of \$10,000. Work would be completed on an hourly basis.

Tera Guetter
Pelican River Watershed District
June 6, 2022
Page 2



Additional work or meetings will be completed on an hourly basis based on our standard rate schedule. We recognize that this work is intended to provide the information to inform the CPL grant application in September 2022. Any additional work would likely count toward match for the CPL grant which requires a 10% non-state match. Generally, the CPL grant allows for costs spent within 18 months of the grant to be used as match. Once grant funding is obtained, additional work will be required that will build on the work included in this scope.

Assumptions:

1. Additional work or meetings can be completed on an hourly basis using our standard WRWD rates.
2. No construction phase services are anticipated in this scope of work. Construction phase services will be contemplated after award of grant funds for implementation of the anticipated rock arch rapids structure.
3. The proposed project will require some interaction with the MN Department of Natural Resources – Fisheries and River Ecology Unit staff.

TIME SCHEDULE

The work outlined in this proposal will be completed in a timely manner. The work will commence upon the PRWD's authorization to proceed. We will make every effort to deliver the plans and Opinion of Probable Cost as quickly as possible. We anticipate completing our work in advance of the CPL grant submittal timeframe discussed above.

If you have any questions, please feel free to contact me at 701-499-2055.

Sincerely,

HOUSTON ENGINEERING, INC.

A handwritten signature in blue ink that reads 'Erik S. Jones'.

Erik S. Jones, PE
ESJ:ej

2022 FEE SCHEDULE



LABOR RATES

The following is a schedule of hourly rates and charges for services offered by Houston Engineering, Inc. These rates are subject to a modest increase on January 1st of each year (typically no more than 5%).

Category	2022 Rates	Category	2022 Rates	Category	2022 Rates
Engineering Intern	\$104	Technician Intern	\$91	Project Assistant 1	\$74
Engineer 1	126	Technician 1	104	Project Assistant 2	85
Engineer 2	133	Technician 2	111	Project Assistant 3	91
Engineer 3	140	Technician 3	119	Project Assistant 4	95
Engineer 4	146	Technician 4	126	Project Assistant 5	101
Engineer 5	156	Technician 5	133	Project Assistant 6	106
Engineer 6	166	Technician 6	140	Planner 1	\$146
Engineer 7	175	Technician 7	147	Planner 2	160
Engineer 8	184	Technician 8	155	Planner 3	174
Engineer 9	193	Technician 9	162	Planner 4	202
Engineer 10	202	Technician 10	170	Planner 5	212
Engineer 11	211	Technician 11	177	Land Surveyor 1	\$133
Engineer 12	221	GIS Intern	\$64	Land Surveyor 2	152
Engineer 13	230	GIS Analyst 1	99	Land Surveyor 3	168
Scientist 1	\$123	GIS Analyst 2	109	Land Surveyor 4	180
Scientist 2	133	GIS Analyst 3	119	Land Surveyor 5	202
Scientist 3	146	GIS Analyst 4	130	Land Surveyor 6	221
Scientist 4	157	GIS Analyst 5	140	CAD Technician 1	\$91
Scientist 5	167	GIS Analyst 6	150	CAD Technician 2	97
Scientist 6	196	Project Manager 1 – Technology	152	CAD Technician 3	104
Scientist 7	221	Project Manager 2 – Technology	168	CAD Technician 4	111
Hydrogeologist 1	\$133	Project Manager 3 – Technology	196	CAD Technician 5	119
Hydrogeologist 2	147	Software Engineer 1	\$115	CAD Technician 6	126
Hydrogeologist 3	167	Software Engineer 2	129	Drone Pilot	\$141
Hydrogeologist 4	208	Software Engineer 3	139	Drone Visual Observer	56
Hydrogeologist 5	221	Software Engineer 4	149	Landscape Architect 1	\$121
Senior Consultant 1	\$187	Software Engineer 5	160	Landscape Architect 2	131
Senior Consultant 2	233	Software Engineer 6	170	Landscape Architect 3	141
Senior Consultant 3	243	Computer Technician	\$161	Landscape Architect 4	151
Senior Consultant 4	252			Landscape Architect 5	161
Senior Consultant 5	262				

SURVEY CREWS & REIMBURSABLE EXPENSES

Category	2022 Rates	Category	2022 Rates
Survey Crews:		ATV/Snowmobile/ Boat	\$15/hour
1-Person Crew (plus equipment)	\$162/hour	ATV w/Tracks	\$30/hour
2-Person Crew (plus equipment)	\$197/hour	Hydrone RCV	\$50/hour
3-Person Crew (plus equipment)	\$244/hour	Small UAS (Drone)	\$25/hour
4-Person Crew (plus equipment)	\$273/hour	Large UAS (Drone)	\$50/hour
Meals	Actual Cost	Deliveries/Postage/Printing	Actual Cost
Hotel	Actual Cost	Surveying Materials: Lath, Hubs, Pipe, etc.	Actual Cost
Mileage – Vehicles:		Special Equipment and Other Materials Required	Actual Cost
2-Wheel Drive	IRS Standard Mileage Rate	Subconsultants	Actual Cost + 10%
4-Wheel Drive	IRS Standard Mileage Rate + \$.20/Mile		
GPS Equipment	\$25/hour/unit		
Robotic Total Station	\$40/hour		

DISTRICT ADMINISTRATOR'S MONTHLY REPORT

JULY 15, 2022

CAPITAL IMPROVEMENT PROJECTS AND PROGRAMS

Rice Lake Capital Improvement Project (CIP). Phase 1 – Upper Structure. Completion of the additional stabilization measures (rock and erosion control blanket) on certain sloped areas were completed the week of June 20th. The BWSR grant interim report was submitted on June 24th. MN DNR also reseeded additional bank areas. **Phase 2 – Lower Structure** - Guetter, HEI, MN DNR, BWSR will be meeting to review next steps for construction completion in July.

Campbell Creek Project (CIP). Guetter, Schroeder (MPCA), Cindi Osborn (MPCA) finalized the work plan the week of June 27th.

FEMA Flood Hazard Grant. The “kickoff” meeting with Stantec was held on June 15th. We will be coordinating our efforts with the MN DNR FEMA study. Guetter submitted a survey/comments to the MN DNR FEMA study.

East Munson Lake Road – Guetter and Ed Clem, Becker County Soil and Water Conservation District reviewed the area and elevation maps. Further investigation is warranted to look at installing a culvert further down the road.

EDUCATION AND OUTREACH (Website, Social Media, and Workshops)

Hodge Podge. Kemper was the guest on Hodge Podge on June 16th and talked about the attendance at the MAISRC Event and the South Shore Park Grand Opening. She also addressed the water levels and the importance of contacting us about permits to do work within the SIZ.

Social Media Posts (Facebook) –June 2022

- 6-1-22 – Volunteer water monitors needed
- 6-1-22 – CLP Treatment Notice
- 6-3-22 – Interns on the lakes
- 6-3-22 – Kemper & Interns training in Baxter, MN
- 6-7-22 – Free State Park Day 6/11/22
- 6-10-22 – MAISRC Event in DL a great success
- 6-15-22 – Interns at work
- 6-17-22 – Starry Stonewort trip to Lake Koronis 7/11/22
- 6-22-22 – 6/20/22 Pollinator week in MN
- 6-24-22 – FR treatment scheduled for 6/28/2022

Lake Association Meetings. Lake Detroiters met on June 18th and Manager Imholte and Guetter gave a brief update on the roadside pickup service, Rice Lake Project, and the successful Flowering rush treatment progress. Melissa/Sallie Lake Association Meeting was held on June 18th. Lake reports were developed and distributed at these meetings.

Becker County Fair. Staff is gearing up for the Becker County Fair to be held July 27-30. The District will host a table in the MN DNR building as in the past.

ECOLOGICAL INTEGRITY

River/Stream Connectivity

Little Floyd Lake Structure Modification – The Board approved the HEI preliminary engineering design proposal at the June meeting. Guetter obtained landowner permission to conduct the surveying work. HEI surveyed the site on June 24th.

Bucks' Mill Dam – Nick Kludt, MN DNR is currently working the Becker County and the landowners to finalize the land purchase. Nothing further to report on PRWD end.

DISTRICT ADMINISTRATOR'S MONTHLY REPORT

JULY 15, 2022

Aquatic Plant Management Programs.

Project 1B (Sallie/Melissa) & Project 1C (Detroit/Curfman)

Flowering Rush (FR) AIS Control. Guetter, Kemper, and Henderson reviewed Detroit and Curfman shorelines for Flowering rush growth on June 20th (heat advisory day!) and on Sallie and Melissa on June 22nd (also pretty darn warm). Areas were treated on June 28th. Many areas were not treated, but there were a few spots that haven't been on the treatment maps for a few years and were treated for re-growth. We also mapped out new Curly leaf pondweed beds on Little Detroit, Melissa, and Sallie. Public Notices for treatments were placed in the DL newspaper, District website, and sent to the respective lake associations. A second FR herbicide application will take place in the next couple of weeks.

Roadside Aquatic Plant Pick-up. Miller Landscaping continues to pick up the vegetation piles and the program seems to be running very smoothly. Josh Miller attended the Lake Detroiters and Melissa/Sallie Lake Association Meetings.

WATER MANAGEMENT RULES – All office staff has been kept busier than normal with the permit process the last two months due to excessive shoreline damage from high lake water levels. Permit violations continue to be a time drain as well. See monthly report.

INCENTIVE PROGRAMS – Nothing further to report.

DISTRICT OPERATIONS/ADMINISTRATION

Grant Oversight.

- **Campbell Creek Watershed Restoration (MPCA Section 319 Small Watersheds Focus Group C Grant Funding).** The work plan is in progress, see CIP section
- **FEMA Grant** – FEMA localized flooding study. See CIP section
- **BWSR Clean Water Rice Lake Project.** See CIP section.

Otter Tail 1W1P Partnership – Work Plans, Meeting Agendas and Minutes can be found on the website.

WEBSITE: <https://www.eotswcd.org/ot1w1p/>

- a. **Policy Committee** (Kral, Imholte-Alt). A meeting was held on June 23rd at the Otter Tail Sheriff's Operation Center in Otter Tail.
- b. **Steering Committee** (Guetter). The steering committee met on July 11th to plan upcoming Policy Committee meeting.
- c. **Technical Advisory Committee** (Guetter) –Guetter attended the June 23th TAC meeting (see meeting minutes)..
- d. **Citizen Advisory Committee.** Nothing further to report.
- a. **Forest Land Stewardship Plan** (Kemper). Kemper attended the July 12th meeting where all comments were incorporated in the draft plan. Kemper and Bringer (USFWS) provided a plethora of comments!

MAWD – A North Country MAWD meeting will be held in Barnesville on July 20th at 9:30 AM. **The Summer Tour** will be held in the Grand Forks Area August 23- 25. Kral attended a Strategic Plan meeting in July.

City of DL - South Shore Park Update: Kemper and Moses attended the official ribbon cutting ceremony on June 15th. Moses, Kemper, Tom Gulon (City of DL), and Bill and Nancy Henke spent many hours meeting, planning and presenting to the Park Board as well as worked on ordering the trees, shrubs, and seed mixes and coordinating the planting work! Many thanks for your efforts.

BWSR – Guetter, Waller, and Justin Hanson (new Assistant Executive Director) met on June 15th.

DISTRICT ADMINISTRATOR'S MONTHLY REPORT

JULY 15, 2022

FISCAL MANAGEMENT

2021 Audit – The auditors completed the audit and uploaded the required information on the MN State Auditor site. The District will be requesting a quote in the fall for auditing services.

DRAINAGE SYSTEM REPORT

Ditch 11 - Nothing to report

Ditch 12 - Nothing to report.

DITCH 13 (Little Floyd Lake to Big Detroit) –

- Beaver Dam noted on June 10th. A work Order was sent to Josh Campbell to commence trapping. Campbell investigated the area, but reported no recent beaver activity was present.
- Report of a dock near the 8th street/trailer park court area. Pictures were taken and a letter will be sent to remove the dock from the ditch.

DITCH 14 and BRANCH 1 (HWY 10 to St. Clair Lake to Pelican River) - Nothing to report.

DATA COLLECTION AND MONITORING PROGRAM

July 2022

2021 Annual Monitoring Report –will be uploaded on the website.

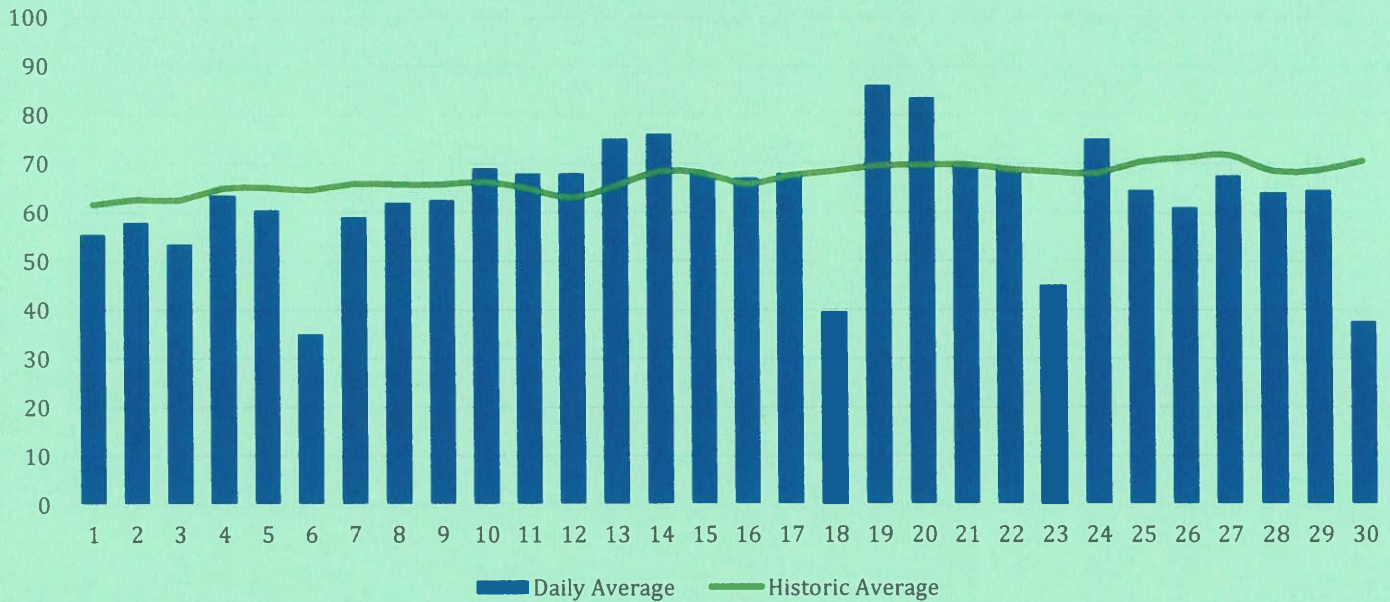
Intern Update: Interns continue to conduct the routine lake and river monitoring and stream ratings on District main lakes and stream segments. District lakes are exhibiting good water quality so far! RMB lab results are slower to arrive than usual. They have completed the Melissa and Lind Lake shoreline surveys and will finish the Sallie shoreline survey next week. Vegetation surveys on Muskrat, Mill Pond, Fox, and Meadow Lakes will start after the shoreline surveys are finished. A couple of storm event samplings have been conducted this month, with results showing very high e.Coli results between Hwy 34 and Detroit Lake. Guetter and Henderson delineated the FR beds. The interns also participated in the MN DNR goose banding project in DL and in Park Rapids. They will be assisting with the education display at the Becker County Fair and manning the booth (July 27-30th).

Equipment- the boat motor needs repair done. J & K Marine estimates parts and labor costs around \$1,000. The boat trailer light wiring has been worked as well.

DISTRICT ADMINISTRATOR'S MONTHLY REPORT

JULY 15, 2022

June Temperatures



June 2022 Temperatures

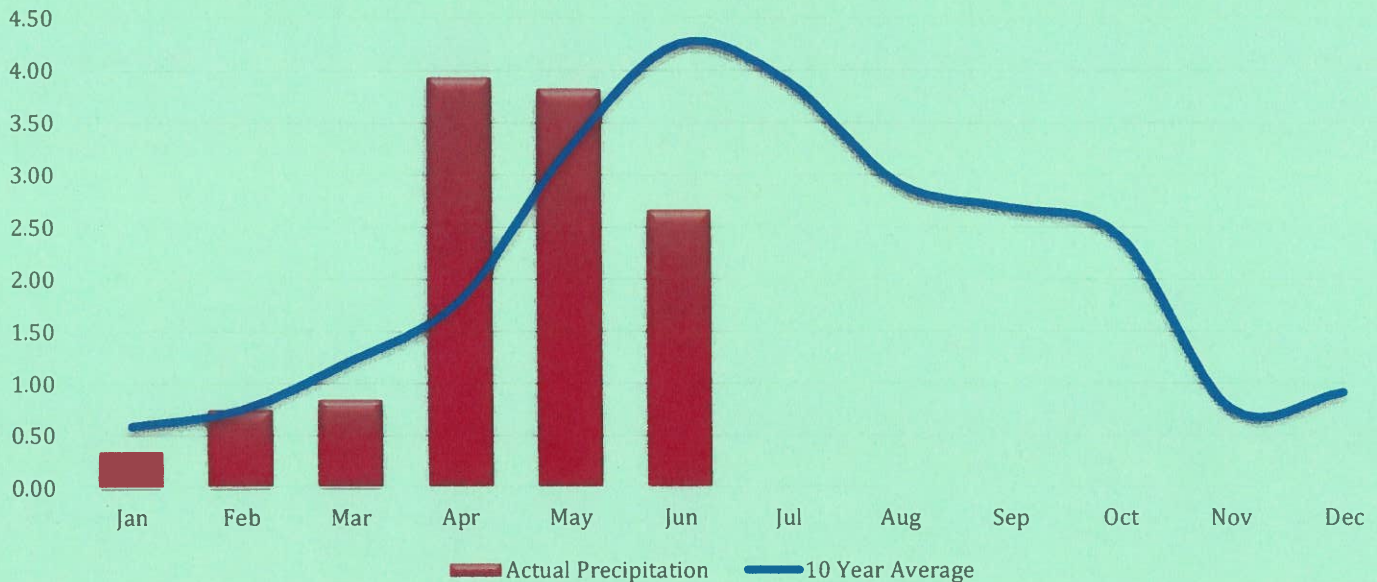
With vivid memories of last June (2021) which was the 3rd warmest in state history, Minnesota citizens have been somewhat surprised to witness the first 9 days of this June with average temperatures that are 2 to 5 degrees F cooler than normal. Detroit Lakes saw an average high of 86°F on the 19th and the average low was on June 6th with 36°F.

With the cooler temperatures, Minnesota crops are emerging and growing at a slower pace than normal. Hopefully with warmer than normal temperatures expected for the second half of the month, crop growth and development may catch up to near normal pace by the July 4th holiday.

DISTRICT ADMINISTRATOR'S MONTHLY REPORT

JULY 15, 2022

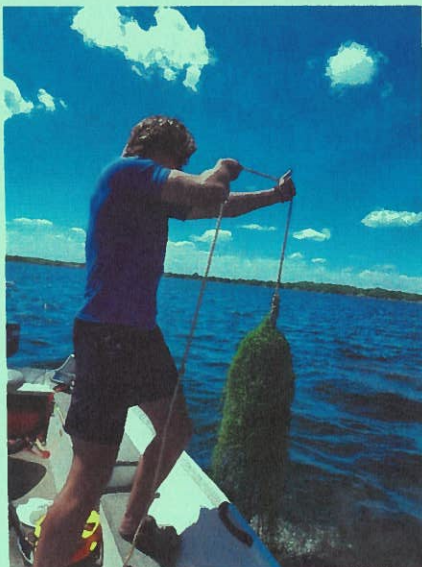
2022 Precipitation



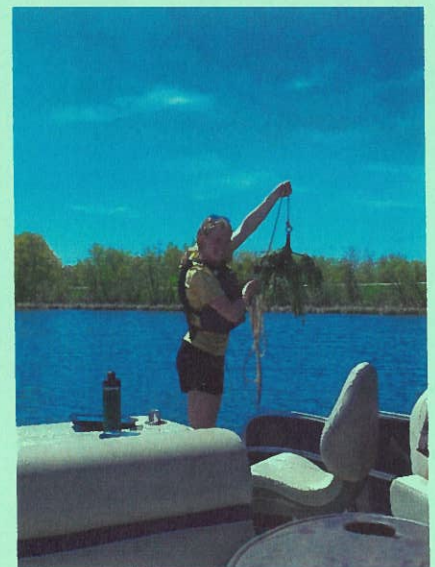
June 2022 Precipitation

Most climate stations are reporting less than normal rainfall for the month. At least stored soil moisture is adequate or surplus in most areas of the state for this time of year, so that serves as a buffer for crops to avoid moisture stress. It is too early in the season to assess whether drought conditions will emerge in the state later this summer.

Heavy rainfall reports came from strong thunderstorms and a few tornados across central Minnesota counties over June 23-24. There was an EF-2 tornado causing major damage that stretched 31 miles long by 600 yards wide from Rochert to Menahga, with estimated peak winds of 115 mph. Many observers reported amounts of rainfall ranging from 2 to 5 inches. In Detroit Lakes during the June 23-24 storms, 1.54 inches of rainfall was recorded. There was an average of 2.66 inches of rain for the month of June.



Interns, Blaine Henderson and Beatrice Jaszczak are performing rake throws to locate Curley Pondweed for treatment.



Watershed Newsletter

Volume 3 • June 2022



Plan Progress

The Otter Tail River One Watershed One Plan Partners are making steady progress and have completed the draft goals for the plan. The goals identify the desired change in the focus resource (lake or stream) and indicate how progress will be measured during implementation. Data and existing studies were used to make the goals measurable, for example, acres of soil health practices added to agricultural lands and pounds of phosphorus reduced in lakes.

Draft Goal	Issues Addressed
Phosphorus Reduction	<ul style="list-style-type: none"> Nutrient loading Untreated stormwater Destruction of riparian habitat
Sediment Reduction	<ul style="list-style-type: none"> Wind & water erosion Destruction of riparian habitat
Increased Protection	<ul style="list-style-type: none"> Protection of outstanding resources Fragmentation of forests and grasslands Destruction of riparian habitat
Groundwater Quality	<ul style="list-style-type: none"> Groundwater quality Groundwater quantity
Soil Health	<ul style="list-style-type: none"> Soil Health Nutrient loading
Aquatic Connectivity	<ul style="list-style-type: none"> Barriers to fish movement
Water Retention	<ul style="list-style-type: none"> Altered Hydrology
Stream Stabilization	<ul style="list-style-type: none"> Soil Health Nutrient loading
E.coli Reduction	<ul style="list-style-type: none"> High E.coli
AIS Prevention and Management	<ul style="list-style-type: none"> Aquatic Invasive Species

Project Partners

Becker SWCD
 Becker County
 East Otter Tail SWCD
 West Otter Tail SWCD
 Otter Tail County
 Pelican River Watershed District
 Cormorant Lakes Watershed District

Accomplishments

- Public Open Houses
- Public Survey
- Land & Water Resource Narrative
- Vision Statement
- Focus Issues
- Focus Resources
- Draft Goals

Next Steps

- Actions

Project Contact

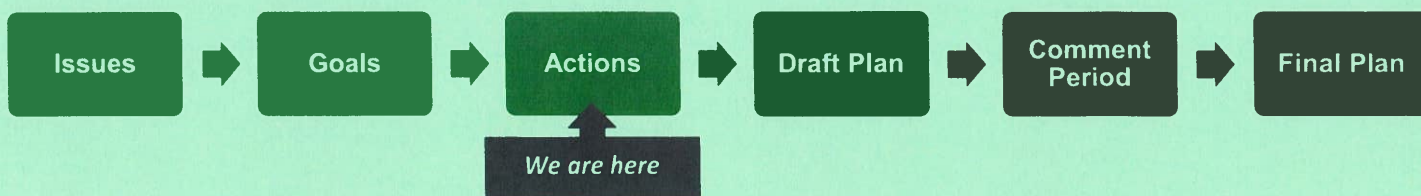
Don Bajumpaa
 East Otter Tail & Wadena SWCDs
 don.bajumpaa@eot.mnswcd.org
 218-228-2383

Project Website

<https://www.eotswcd.org/ot1w1p/>

Plan Timeline

The planning committees are currently finalizing the numbers for the measurable goals and developing actions that can be implemented to meet the goals.



RULES OF ENFORCEMENT

July 2022

SS: Small Site LS: Large Site Gov: Government Project

Permits Issued

<u>No.</u>	<u>Name</u>	<u>Address/Area</u>	<u>Approved Project</u>
22-17	Friesen, Paul & Margaret	20877 County Hwy 21	SIZ: Place edgers at ground level, level area between base of slope and shoreline for plantings. Install 4' wide access stairway. Remove and replace 3 native species trees in SIZ.
22-18	City of Detroit Lakes Boys & Girls Club	150 Richwood Dr.	SW Mgmt for construction of a playground area. Removal of 3 trees if required to level out area.
22-19	Sale, Rebecca	24585 N. Melissa Dr.	SIZ: shoreline stabilization including riprap and native plants, Perched sand blanket.
22-20	Sawaya, Carol	1756 East Shore Dr.	SIZ: install perched sand blanket, repair riprap and add gro low sumac or similar plants, repair existing block landing area.
22-21	Wolf, Gregg & Amy	2359 Hwy 10 W	SIZ: install 2 sets of 4' wide steps, remove all railroad ties, small Boulders may be used to separate grass and beach.
22-22	Roberts, Jeff	26587 Paradise Pt. Rd.	SIZ: remove retaining wall, install riprap with 3:1 slope, add gro Low sumac on slope, 4' wide flagstone steps to lake.
22-23	Schultz, Ron,	1052 South Shore Dr.	SW Mitigation: Sidewalk replacement.
22-24	Mazour, Craig & Brenda	26541 Paradise Pt. Rd.	SIZ: remove shoreline blocks and replace with shrubs and riprap.
22-25	Sauvageau, Robert	1260 East Shore Dr.	SIZ: repair riprap and add vegetation/shrubs. Remove loose blocks.
22-26	Brill, Kenneth & Mary	488 Shorewood Dr.	SIZ: remove bricks and repair existing riprap. Berm and place Edger flush with ground. Add perched sand blanket.
22-27	Schaff, Troy & Kirsten	1103 Long Beach Dr.	SIZ: install new riprap, install perched sand blanket with berm, Add shoreline vegetation (8 gro low sumac).
22-28	Brekke, David	26505 Paradise Pt. Rd.	SIZ: remove concrete retaining wall (75'); install riprap at 3:1 slope, Remove old filter fabric and concrete and replace w/crushed rock.
22-29	Goodrich, Tanner & Stephanie	611 North Shore Dr.	SIZ: residential >25% impervious lot coverage/City mitigation.
22-30	Kuntz, Curtis & Alissa	26319 Paradise Pt. Rd.	Bluff Impact Zone: repair shoreline erosion, riprap installation. Install 4' wide boardwalk access from landing to dock.
22-31	Waalén, Chris & Wendy	11576 Ravenswood Beach	SIZ: Riprap repair, 4' wide access path.
22-32	Johnsen, Richard	20060 Co. Rd. 131	SIZ: Remove existing shoreline railroad ties, replace w /riprap.
22-33	Nielsen, Paul & Kim	24127 Woodland Dr.	SIZ: remove 3 trees-replace 2 in SIZ, add perched sand blanket, 10'x12'x6" deep, add to existing riprap level w/berm, add edger to Be buried flush, plant arborvitae on west edge of property.
22-34	Evans, Steve	19878 County Road 131	Impervious Surface >25%; SW Mgmt practices, SIZ: lake access Path, pervious deck addition, shoreline vegetative buffer & riprap.
22-35	Ericksen, Michael & Ana	24601 N. Melissa Dr.	SIZ: Repair shoreline erosion with riprap, shrubs, vegetation buffer.
22-36	Ericksen, Mark	11931 Fern Beach	SIZ: Apply sand to existing sand blanket, add rip rap and backfill.
22-37	Tintes, Phil	26451 Paradise Pt. Rd.	SIZ: Shoreline stabilization. Add rip rap and shrubs.
22-38	Raboin, Brandon	1325 Fairhaven Lane	SIZ: Removal of 1 dead tree-replaced with native tree species, Perched sand blanket, add new riprap and 4' lake access steps.
22-39	Zips Car Wash	1414 US Hwy 10 W	Commercial over 25% Impervious: SW management plan 05-41.

Permits Issued

<u>No.</u>	<u>Name</u>	<u>Address/Area</u>	<u>Approved Project</u>
22-40	Weinberger, Dion & Kris	25870 Brolin Beach Rd.	SiZ: Removal of diseased tree. Replace tree with native species.
22-41	Olstad, Bradley & Erin	25527 Englewood Dr.	SiZ: riprap repair and 10' x 50' perched sand blanket.
22-42	Oehlke, Tim & Angela	1836 E Shore Dr.	SiZ: Shoreline restoration-violation: City Stormwater Mitigation for over 25% impervious surface coverage.
22-43	Kennedy, Thomas & Ashley	11804 Ravenswood Beach Rd.	SiZ: Grinding of existing stumps, reface the riprap 3:1 slope, construct a 46' x 10' perched sand blanket.
22-44	Herzog, Joshua	1010 Villa Lane	Stormwater mitigation: >25% impervious surface.
22-45	Highland Storage Brian Johnson	28191 Mountain Rd.	Greater than 1 acre impervious coverage. Construct 12 storage units

Permit Applications Pending

Minnesota Energy Resources, 1048 Cormorant Ave.—Commercial >25 impervious lot coverage. Covered under Industrial Park SW plan. Permit fee needed to issue permit. Staff has contacted multiple times.

John Flynn, 739 North Shore Dr.—Staff met with Flynn to review City approval conditions. A stormwater plan will be required for the building addition area only. No application or permit fee received.

Eventide—Meeting held at PRWD office on 4/11 to discuss a concept project plan on East Shore Drive. Nothing further to report.

Aaron Tovson, 15549 W Munson Lane. A site visit is scheduled.

AK Properties, 2359 US Hwy 10. Commercial development over 25% impervious lot coverage. Storage unit construction.

Violation *****

SS Oehlke, Tim & Angela, 1836 East Shore Drive, trees removed in SiZ without a permit . **Update 7/11/2022**—permit issued with conditions to be completed by 7/1/2023.

SS McCollum, Joe & Amy, 21749 Floyd Lake Dr., SiZ alterations—work did not comply with permit 20-27. **Update 7/6/2022**—Site is now in compliance.

Village of Riverview-Easement Violation—Surety document and fee has been received from their board. Guetter to schedule walk through to check for compliance.

SS Chad Kylo, 1324 East Shore Dr. **Update 7/13/2022:** Site is now in compliance.

SS Raymond Reading, 25213 Town & Country Estate Roads. In violation of permit 21-50. Installing non permitted retaining wall.

Pending Permit Updates:

Residential Subdivision—14795 US Hwy 59/Pelican River, Detroit Lakes—Owners Jesse and Karen McCollum and Dave Stall. **Update:** 7/13/22: The City of Detroit Lakes is not annexing this property. The District has received phone calls regarding a dock system that has been installed . We have referring the matter to the MN DNR who is requiring a permit.

District Comments to City of Detroit Lakes Planning & Zoning—June 23, 2022 Meeting—no comments

District Comments to Becker County Planning & Zoning—July 21, 2022 Meeting

Raymond Reading-25213 Town & Country Estates Rd., currently in violation of permit 21-50. Constructed retaining wall needs to be removed before issuing a permit.

Boat Properties-24147 Wine Lake Rd. Addition would require stormwater mitigation plan from the District.

Paul Hasson-12603 So. Abbey Lake Lane. Deck construction 48' from OHW deviating from 50' requirement. If impervious deck, a stormwater management plan is needed.

Becker County Planning & Zoning Update:

Michael & Dana Hjeldness—27300 125th St., Detroit Lakes— Build storage units by Abbey Lake. Seeking CUP. Planning and Zoning approved application—County board of Comm approved with a maximum of 20 units. A stormwater management plan will be needed.