

PELICAN RIVER WATERSHED DISTRICT

MEETING ANNOUNCEMENT

Regular Monthly Managers' Meeting

Thursday, August 19, 2021

5:00 PM

Wells Fargo Building, Second Floor Meeting Room, 211 Holmes St. West, Detroit Lakes, MN

Virtual Zoom Option

Request Zoom link at prwdinfo@arvig.net by 12:00 PM (Noon) of meeting date.

(218) 846-0436

AGENDA

5:00PM

1. **Call to Order**
2. **Approval of Consent Agenda**
 - A. Secretary Report—July 15, 2021 Regular
 - B. Administrator's Report
 - C. Ditch Inspector's Report
 - D. Rules/Permitting Report

5:10 PM

3. Committees Reports
 - A. Personnel—Mortenson, WRC
 - B. Citizen/Technical Advisory
 - C. 1W1P—Otter Tail Policy Committee Update (Kral, Imholte)
 - D. Region 1 North Country Watershed District Meeting Update

5:40 PM

4. **Treasurer's Report**
 - A. Approve August 2021 Bills
 - B. Approve August Fund transfer
 - C. Review January—July 2021 Revenue & Expenses Report

5:55 PM

5. Unfinished Business
 - A. Rice Lake Project Construction Update—Ted Rud, HEI
 - B. PRWD Summer Tour Date

6:30 PM

6. New Business
 - A. Review 2022 Preliminary Budget, Levies, Assessments and Fees
 - B. **South Shore Park**

7:15 PM

7. Public Forum (5 minutes)

7:20 PM

8. Attorney's Report
9. Engineer's Report
10. Pulled Consent Agenda Items

7:30 PM

11. Announcements

7:35 PM

12. **Meeting Adjournment**

(action items in bold face)

**PELICAN RIVER WATERSHED DISTRICT
PUBLIC HEARING DCM-01 PROJECT AND
REGULAR MEETING BOARD MINUTES –JULY 15, 2021**

Managers Present: Kral, Okeson, Imholte, Michaelson, Chris Jasken, Haggart, Charles Jasken

Managers Absent: None

Staff: Administrator Guetter, Mortenson, Interns – Powers & Cuchna

Consultants: Attorney Skoyles, Engineer Mackowick-Wenck part of Stantec (via IT)

Advisory Committee: John Okeson **Others:** Pete Waller, Board of Soil and Water Resources, Darren Mayers, Board of Soil and Water Resources (via IT), Steve Henry, Pelican Lake LID

Public Hearing – DCM-01 Project.

President Kral called the Public Hearing to order at 5:00 PM. Administrator Guetter provided an overview of the proposed project.

Public Comments: Steve Henry, a consultant with Pelican Lake Improvement District commented the Pelican Lake LID supports the DCM-01 project and the activities outlined in the Engineer's Report. The Managers thanked Mr. Henry for his comments. No other public comments or testimony was received by the District.

President Kral closed the public hearing at 5:04 PM.

CALL TO ORDER. The Regular Managers' meeting was called to order by President Kral at 5:04 PM.

Resolution Ordering the Establishment of Lake Management Project No. DCM-01 (Okeson, Charlie Jasken), approved unanimously, (attached hereto). Certified copies of the resolution will be mailed to Board of Water and Soil Resources Executive Director, MN DNR Ecological Water Resources Division Director, MN DNR Commissioner, MN Department of Health Commissioner, MN Pollution Control Agency Commissioner, Becker County Auditor and the Ottertail County Auditor.

APPROVE CONSENT AGENDA. Motion to approve PRWD Secretary's Report – June 17, 2021 Regular Meeting Minutes; July 2021 Administrator's Report (with correction to Otter Tail 1W1P Policy Committee Meeting date June 22); July 2021 Rules/Permitting Report, and the July 2021 Ditch Inspector's Report, (Michaelson, Chris Jasken); carried unanimously.

COMMITTEE REPORTS.

Personnel Committee- Nothing further to report.

Citizen Advisory Committee – Nothing further to report.

NEW BUSINESS.

- a. **PRWD Summer Project Tour Date.** The Managers generally agreed that the August 10 tentative date was too early and that a September tour date would be better. Staff will send out a poll in late August and try to schedule at that time. Manager suggestions were Buck's Mill Dam (Nick Kludt, MN DNR), Detroit Lake South Public Access/City of Detroit Lakes South Shore Park project, Rice Lake Project, Little Floyd Lake Dam, Campbell Creek.
- b. **BWSR Legislative Update.** Peter Waller, Board of Soil and Water Resources, gave an update of the State of MN legislative session, the new Water Storage and Treatment Program, and Clean Water Funds allocations for Watershed Implementation Funding.
- c. **Project 1B/Project 1C Roadside Program Update.** The weekly pickup program was halted for a couple of weeks due to mechanical issues with Bobcat and the truck, both are currently up and running. Guetter informed the Managers Terry Anderson will not be returning next year and the District will need to review the program and available options this fall (contract out, hire seasonal staff, etc.). The program is popular with the lake residents and there is wide support for it to be continued.
- d. **MAWD Resolutions.** The Managers discussed the motions that were written in late 2020 and would like to move forward with them in 2021 with minor edits. **Motion to submit PRWD Resolutions to MAWD as drafted in 202 with minor edits (Imholte, Haggart) carried unanimously.**

Secretary Haggart left the meeting at 6:21 PM. Manager Imholte was appointed to continue to take minute notes.

**PELICAN RIVER WATERSHED DISTRICT
PUBLIC HEARING DCM-01 PROJECT AND
REGULAR MEETING BOARD MINUTES –JULY 15, 2021**

UNFINISHED BUSINESS

- a. **Rice Lake Project Construction Update.** Manager Charlie Jasken apprised the Managers, the Detroit Township Board is requesting an additional \$5,000 to complete the Anchor Road turnaround past Colin Bushette/Lage residence. Keith Drewes Construction is reconstructing, installing geotextile fabric where needed, and building up Anchor Road to Becker County CSAH 25 and will also need to raise the Anchor Road terminus area to match the re-construction final grade. The "Memorandum of Understanding between the Pelican River Watershed District and Detroit Township-May 2019" outlines the respective LGU responsibilities, including the District's responsibility for the development of the Anchor Road turn-around area. **Motion to approve up to an amount of \$5,000 for the required construction costs associated to complete the Anchor Road turnaround area west of the Colin Buschette/Lage driveway, payable to Keith Drewes Construction with the understanding this action fulfills all obligations and commitments by PRWD to Detroit Township on Anchor Road as outlined in the "Memorandum of Understanding between the Pelican River Watershed District and Detroit Township-May 2019", (Michaelson, Imholte); carried unanimously.**

TREASURER'S REPORT.

- a. **Approval of July 2021 Claims.** Treasurer Michaelson presented the July 2021 claims and 2nd Quarter 2021 Manager Per Diems and Expenses. **Motion to approve the July 2021 claims and 2nd Quarter 2021 Manager Per Diems and Expenses (Checks #14852-14865 and EFT 1658-1673 in the amount of \$165,405.42 (Michaelson, Charlie Jasken); carried unanimously (attached hereto).**
- b. **July 2021 Fund Transfer.** Treasurer Michaelson recommended transferring \$210,000 to cover the monthly payments and expenses. **Motion to transfer \$210,000 from the Bremer Bank savings account to the checking account (Michaelson, Imholte); carried unanimously.**
- c. **Financial Report.** The January-June 2021 Revenues and Expenses Report was reviewed by the managers. **Motion to approve the January-June 2021 R & E Report (Michaelson, Okeson); carried unanimously.** The report will be filed for audit.

PUBLIC FORUM. Steve Henry, RMB Labs and Pelican Lake LID consultant gave a brief talk on what services RMB provides and his work at Pelican Lake LID. Mr. Henry was very complimentary of the District's projects and programs.

DISTRICT SUMMER INTERNS. Meagan Powers - UND and Isaac Cuchna- NDSU gave an update on their summer activities.

ATTORNEY REPORT. Attorney Skoyles- nothing further to report.

ENGINEER REPORT. Mackowick reported he is reviewing stormwater management plans for Mary Ann Apartments on Legion Road, West Lake Drive Reconstruction, Ridgeview Subdivision, and Mygeto retaining wall on Long Lake.

ANNOUNCEMENTS. None.

ADJOURNMENT. Kral adjourned the meeting 7:24 PM.

Respectfully Submitted,

Ginny Imholte, Acting Secretary

Meeting Approved: _____

**Pelican River Watershed District
Claims Paid - July 2021**

	<u>Date</u>	<u>Num</u>	<u>Amount</u>
<u>(ACH) Employee Expenses</u>			
*Cuchna, Isaac	07/20/2021	EFT1658	21.28
*Guetter, Tera	07/20/2021	EFT1659	180.28
*Mortenson, Adam	07/20/2021	EFT1660	120.08
*Moses, Brenda	07/20/2021	EFT1661	57.87
			\$ 379.51
<u>(ACH) Vendor Expenses</u>			
Lakes Computer, Inc.	07/20/2021	EFT1670	200.00
RMB Environmental Labs, Inc.	07/20/2021	EFT1671	2,719.00
Wells Fargo-Office Lease	07/20/2021	EFT1672	1,299.58
Xerox Corporation	07/20/2021	EFT1673	348.98
			\$ 4,567.56
<u>(Checks) Vendor Expenses</u>			
Arvig	07/20/2021	14852	61.95
Bank of America	07/20/2021	14853	894.38
County 6 Amoco & Bait	07/20/2021	14854	288.35
Detroit Lakes Tribune	07/20/2021	14855	86.32
Fergus Falls Daily Journal	07/20/2021	14856	154.00
Gross Welding & Machine	07/20/2021	14857	2,326.00
Holiday Companies/washes	07/20/2021	14858	13.00
Office of MNIT Services	07/20/2021	14866	75.41
Onset Computer Corp.	07/20/2021	14859	1,032.10
PLM Lake and Land Management	07/20/2021	14860	17,713.84
Premium Waters, Inc.	07/20/2021	14861	7.35
Solinst	07/20/2021	14862	901.11
Swanson's Repair	07/20/2021	14863	4,223.13
			\$ 27,776.94
<u>(Checks) Rice Lake Expenses</u>			
Houston Engineering Inc.	07/20/2021	14864	26,502.76
Williams Excavation & Sedding LLC	07/20/2021	14865	102,909.64
			\$ 129,412.40
<u>(ACH) 2nd Quarter Manager Expenses</u>			
.Deede, L	07/20/2021	EFT1662	12.32
.Haggart, J.	07/20/2021	EFT1663	11.20
.Imholte, G.	07/20/2021	EFT1664	11.20
.Jasken, Charles	07/20/2021	EFT1665	6.16
.Jasken, Chris	07/20/2021	EFT1666	11.20
.Kral, D.	07/20/2021	EFT1667	50.40
.Michaelson, R.	07/20/2021	EFT1669	39.20
.Okeson, O.	07/20/2021	EFT1668	33.60
			\$ 175.28

**Pelican River Watershed District
Claims Paid - July 2021**

	<u>Date</u>	<u>Num</u>	<u>Amount</u>
<u>(ACH) 2nd Quarter Manager Per Diems</u>			
.Deede, L	07/20/2021	EFT1650	230.87
.Haggart, J.	07/20/2021	EFT1651	401.72
.Imholte, G.	07/20/2021	EFT1652	401.72
.Jasken, Charles	07/20/2021	EFT1653	115.44
.Jasken, Chris	07/20/2021	EFT1654	401.73
.Kral, D.	07/20/2021	EFT1655	701.86
.Michaelson, R.	07/20/2021	EFT1656	438.66
.Okeson, O.	07/20/2021	EFT1657	401.73
			<u>\$ 3,093.73</u>
Supplemental Benefits	7/6/2021	EFT 1640-1642	2451.50
Employee Payroll	7/8/2021	EFT1643-1649	7759.34
Federal Withholding	7/9/2021		3145.72
Employee Payroll	7/22/2021	EFT 1674-1680	8097.64
Federal Withholding	7/31/2021		3109.92
MN State Retirement	7/31/2021		2460.00
MN Revenue	7/31/2021		976.00
PERA	7/31/2021		2188.86
			<u>\$ 30,188.98</u>
		TOTAL JULY EXPENSES:	<u><u>\$ 195,594.40</u></u>

PELICAN RIVER WATERSHED DISTRICT

FINDINGS OF FACT, RESOLUTION AND ORDER ESTABLISHING DATA COLLECTION and MONITORING PROJECT NUMBER DCM-01

RECITALS

1. The Pelican River Watershed District (the "District") is a duly constituted political subdivision of the State of Minnesota authorized pursuant to Minn. Stat. 103D; and
2. The District's Revised Management Plan was prescribed by the Minnesota Board of Water and Soil Resources on March 25, 2020 in accordance with Minnesota Statute 103D.411.
3. On June 18, 1998, the District's Board of Managers established the District's Basic Water Management Project "to improve lake water quality by reducing nutrient loadings from District lakes." The Basic Water Management Project is District-wide, ongoing and includes District-wide water quality monitoring and assessment, education, regulation and permitting, best management practice (BMP) implementation and enhancement, storm water treatment and diversion measures, groundwater treatment, nutrient removal from ditch and stream discharges, chemical treatment of individual lakes, and establishing buffer zones and other BMPs for ditches and streams. Since these components of the District's Basic Water Management Project address district wide problems and causes of problems, and would result in benefits throughout the District, these components may be funded by (1) a district wide ad valorem tax, (2) by cooperative agreements with other governmental units under Minn. Stat. 103D.605 and 103D.611, or (3) by the creation of a district-wide Water Management District (WMD) in accordance with Minn. Stat. 103D.729 Subd.1, or some combination of the foregoing.
4. On October 13, 2020 the City of Detroit Lakes, Minnesota, a city that lies entirely within the District, petitioned the Board of Managers of the District to establish a Data Collection and Monitoring Project (the "Project") pursuant to Minn. Stat. 103D.605 Subd. 1 (2) in order to collect data, conduct research and studies to make informed management decisions on waters within the Pelican River Watershed District and to monitor the waters as part of the Basic Water Management Project identified in the Watershed Management Plan of the District (the "Petition"). The Petition recognized that the Project would be funded by the levy of a tax pursuant to Minn. Stat. 103D.905 Subd. 3 not to exceed 0.00798 percent of taxable market value for a period not to exceed 15 consecutive years to pay the costs attributable to the basic water management features of the Project.
5. On December 17, 2020 the Board of Managers of the District accepted the Petition and Ordered the District's Engineer to prepare an engineer's report and project plan pursuant to Minn. Statutes 103D.711 and 103D.605.
6. On May 20, 2021, the Managers accepted the engineer's report and project plan and ordered complete copies of the report and plan be sent to the Minnesota Board of Soil and Water Resources

Board and the Minnesota Department of Natural Resources Ecological and Water Resources Director as required by Minn. Stat. 103D.711 and Minn. Stat. 103D.605.

7. The Minnesota Board of Soil and Water Resources and the Minnesota Department of Natural Resources has issued and filed with the Managers their advisory reports and the Managers have considered the reports.

8. On July 15, 2021 the Managers held a public hearing on the proposed project pursuant to notice as specified in Minn. Stat.103D.605 Subd. 3.

9. After review of the engineer's report and project plan, review of the advisory reports of the Minnesota Board of Water and Soil Resources and Minnesota Department of Natural Resources, and after consideration of the comments made at the public hearing, the Managers did make the following Findings of Fact.

FINDINGS OF FACT

1. The Recitals stated above are hereby incorporated into these Findings of Fact.
2. The Pelican River Watershed District has due and proper jurisdiction relative to the establishment of a district-wide Data Collection and Monitoring Project pursuant to Minnesota Statute 103D.605 Subd. 1 (2), funded by the levy of a tax pursuant to Minn. Stat. 103D.905 Subd. 3 not to exceed 0.00798 percent of taxable market value for a period not to exceed 15 consecutive years to pay the costs attributable to the basic water management features of the Project.
3. The procedures for establishment of the project set forth in Minn. Stat. 103D.605 have been followed and the project hearing notice specified in Minn. Stat. 103D.605 was duly published and mailed as required by statute.
4. A district-wide Data Collection and Monitoring Project, as outlined in the 2020 Revised Management Plan, is within the scope of the powers and duties of this Watershed District and is compliant with the Watershed District's 2020 Revised Management Plan.
5. The Project will be conducive to public health, promotes the public interest, convenience, and welfare, is practicable and conforms with the Watershed District's 2020 Revised Management Plan and the provisions of Chapter 103D of Minnesota Statutes.

RESOLUTION AND ORDER

IT IS HEREBY RESOLVED BY THE MANAGERS OF THE PELICAN RIVER WATERSHED DISTRICT:

1. The Managers of the Pelican River Watershed District hereby adopt the foregoing Findings of Fact.
2. The Managers of the Pelican River Watershed District hereby Order as follows:

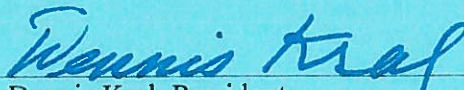
IT IS HEREBY ORDERED:

1. Pelican River Watershed District Data Collection and Monitoring Project Number DCM-01 is hereby established pursuant to the requirements of Minnesota Statute 103D.605 Subd. 5.
2. Pelican River Watershed District Data Collection and Monitoring Project Number DCM-01 shall be funded by the levy of a tax pursuant to Minn. Stat. 103D.905 Subd. 3 not to exceed 0.00798 percent of taxable market value for a period not to exceed 15 consecutive years to pay the costs attributable to the basic water management features of the Project.

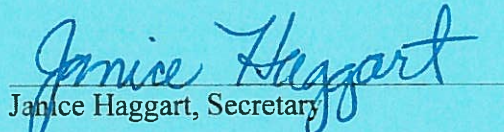
THESE FINDINGS OF FACT, RESOLUTION AND ORDER ARE ADOPTED BY UNANIMOUS VOTE OF THE BOARD OF MANAGERS OF THE PELICAN RIVER WATERSHED DISTRICT ON THE 15TH DAY OF JULY, 2021.

PELICAN RIVER WATERSHED DISTRICT

DATED: 7/15/2021

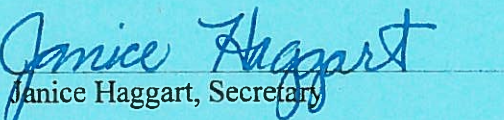
by: 
Dennis Kral, President

DATED: 7/15/2021

by: 
Janice Haggart, Secretary

CERTIFIED to be a true and correct copy of the original on file with the Secretary of the Pelican River Watershed District.

DATED: 7/15/2021

by: 
Janice Haggart, Secretary

DISTRICT ADMINISTRATOR'S MONTHLY REPORT

AUGUST 13

CAPITOL IMPROVEMENT PROJECTS AND PROGRAMS

Rice Lake Capital Improvement Project (CIP). Construction of the upper structure access road and staging area continues. Project Engineer Ted Rud informed Administrator Guetter the structure will be delivered in mid-Aug. The construction schedule is still on track for finishing by November. No other issues were identified. Regarding the lower structure construction timeline, the District will apply for Clean Water Funds in August 2022 for construction in 2023.

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

Hodge Podge. On the Friday, July 16 program, Mortenson spoke about the Flowering rush treatments, warm water temperatures and low water levels, Big Floyd Lake turnover and the upcoming Becker County Fair.

Becker County Fair (July 28-31). The District interns worked in the PRWD booth set up in the MN DNR building. There was good Fair attendance and the interns gained some experience in educating all age groups. The button maker continues to be a big hit with the children.

Social Media Posts (Facebook) – July 2021

- July 1 – Roadside pick-up announcement
- July 2 – Summer interns discussed blue green algae and work with MN DNR banding 500 geese
- July 8 – Roadside pick-up equipment repaired and crew is working
- July 9 – Summer interns wrote about stream storm sampling and vegetation surveys on Melissa & Sallie
- July 9 – MAISRC funding bill information shared
- July 13 – MPCA post regarding Blue-green algae shared
- July 16 – Summer interns reported low flow on Campbell Creek and Zooplankton sampling on Long, Sallie, Melissa, Big, North and Little Floyd lakes.
- July 21 – The second Flowering rush treatment is scheduled for 7/28 or 7/29 pending weather conditions.
- July 22 – Personal Watercraft Safety
- July 23 – See us at the Becker County Fair
- July 23 – The Future of Bucks Mill Dam as told by Dr. Nick Kludt
- July 23 – Interns sampling Campbell Creek, place piezometer on St. Clair Lake
- July 28 – Flowering rush treatments rescheduled to August 9 week.
- July 28 – Take our survey

BWSR Media – Rice Lake Project will be featured in monthly BWSR Project Spotlight.

ECOLOGICAL INTEGRITY

Aquatic Plant Management Program.

Project 1B (Sallie/Melissa)

- **AIS Treatments.** On 8/9/21, Flowering rush was treated in Sallie (37 acres) and in Melissa (24 acres). The summer interns are noting flowering rush locations on August 13th. These locations will be re-checked next spring.
- **Aquatic Vegetation Roadside Pickup Program.** Things have been running smoother since the equipment has been repaired. With the lower water levels and good water clarity, the native aquatic vegetation is flourishing and the crew has been working hard to keep up with the large roadside vegetation piles!

Project 1C (Detroit/Curfman)

- **AIS Treatments.** On 8/9/21, Flowering rush was treated in Big Detroit (31.1 acres) and in Curfman (1.8 acres).
- **Aquatic Vegetation Roadside Pickup Program.** Things have been running smoother since the equipment has been repaired. With the lower water levels and good water clarity, the native aquatic

DISTRICT ADMINISTRATOR'S MONTHLY REPORT AUGUST 13

vegetation is flourishing and the crew has been working hard to keep up with the large roadside vegetation piles!

Becker County AIS Control Grant. The District received grant payment of \$4000 for chemical treatment of CLP on Big Detroit on 8/3/2021.

MN DNR AIS Control Grants. The District received a grant payment of \$3,000 for FR treatment on Lake Melissa on 8/4/2021.

WATER MANAGEMENT RULES – see monthly report.

INCENTIVE PROGRAMS

Cost Share Stewardship Grants. Nothing further to report.

Environmental Education Grants. Moses has been in contact with Detroit Lakes schools regarding education grant needs and the district is currently assessing the needs based upon curriculum changes and new administration staff. Moses continues to stay in touch and hopes to have more information for the September board meeting.

DISTRICT OPERATIONS/ADMINISTRATION

North Country MAWD (Region 1 Red River Valley Managers/Administrator). A regional meeting was held on August 3rd in Ada, MN with in-person and virtual meeting options available. Guetter, Kral (via IT), Imholte (via IT) attended the meeting.

MAWD Annual Conference. December 1-4, 2021 Summer Tour scheduled for June 22-24, 2022.

Grant Oversight.

- **Campbell Creek Watershed Restoration (MPCA Section 319 Small Watersheds Focus Group C Grant Funding).**
- **FEMA Grant** – FEMA localized flooding study. LiDAR flyover scheduled for fall 2021.
- **BWSR Clean Water Rice Lake Project-** The District completed interim report in e-LINK on June 29th.

Project DCM-01 Data Collection and Monitoring. At the July meeting, the Managers ordered the establishment of the DCM-01 project for data collection, monitoring, special studies, and education. Copies of the order were sent to the required state and local units of government.

Advertisement for Position. Adam Mortenson accepted a position with Becker SWCD as a farm bill technician and will be starting his new position on September 7th. His last day with the District is on Friday, September 3rd. Mortenson will continue to assist the District in the next several weeks with the permitting and monitoring program. We will advertise for his position next week.

FISCAL MANAGEMENT

2022 Budget, Levies, Assessments & Fees – Guetter and Moses have been working on the 2022 Budgets, Levies, Assessments, Fees.

COLLABORATION WITH OTHER UNITS OF GOVERNMENT AND PARTNERS

Otter Tail 1W1P Partnership. Public Input process is set up with a website and survey form (60 day open period); Public kickoff meetings scheduled for end of September; Bus tour being planned for September 26th.

- **Steering Team Meeting (Guetter).** The next meeting is on **August 17th**.
- **Policy Committee Meeting (Kral, Imholte-Alt) July 22nd.** Kral (member) attended the meeting. The next Policy Committee meeting is scheduled for August 26th.

DISTRICT ADMINISTRATOR'S MONTHLY REPORT AUGUST 13

- **Technical Advisory Committee (Guetter) Meeting August 2nd** – Guetter attended the Technical Advisory meeting held at the Becker County Commissioner's Room. Manager Imholte and Commissioner Okeson and other Policy members attended also. The meeting included technical committee member introductions and presentations from the MPCA and MN DNR on their natural resource priorities within the Otter Tail Basin. Guetter and a subset of the technical team met virtually on August 11th to start planning the bus tour for the Policy and Technical members to be held on September 26th. The next Technical Advisory meeting is scheduled for Monday, August 30th.

Becker County Board of Adjustments: The District did not comment on the Becker County Board of Adjustments packet for 8/12/21.

City of Detroit Lakes South Shore Park –Staff will meet with Tom Gulon, City of DL Parks Dept, and Bill and Nancy Henke (IKES) in our office on August 18 to discuss the next steps needed to move forward with plantings in South Shore Park. The condition of the Hwy 10 Overlook site will also be discussed.

MN DNR Detroit Lake North Shore Public Water Access. A meeting is scheduled for Wednesday, September 22nd at the access with MN DNR.

PRWD Technical Advisory Committee (TAC): Nothing further to report.

PRWD Citizen Advisory Committee (CAC): Nothing further to report.

DRAINAGE SYSTEM REPORT

August 2021

DITCH 11/12 (Moon Lake to Campbell Lake to North Floyd Lake)

Ditch 11.

Status 7/15/21. Mortenson inspected the beaver dam on Rick Schmidt's property with Orrin Okeson. They determined it may be possible to access the beaver dam with an excavator, but it would not be ideal. Okeson will continue to work with Rodger Lundberg about possibly removing the dam with explosives. Nothing further to report.

Ditch 12

Nothing further to report.

DITCH 13 (Little Floyd Lake to Big Detroit)

Status 7/12/21. Mortenson received a report from Shawn King (City of Detroit Lakes) of beaver activity on the Pelican River near 8th Street. Mortenson confirmed a dam was present and issued a work order to remove the beaver. Campbell removed 3 beaver from this location. The dam will be removed later in the fall to prevent loading to Detroit Lake during the hot summer months. Nothing further to report

Status 7/14/21. Mortenson inspected Ditch 13 in response to high water noted by Interns during monitoring activities. Mortenson identified 2 historic beaver dams in the Rice Lake Wetland Complex, but no new activity. Staff will continue to monitor activity through this stretch.

Nothing further to report.

DITCH 14 and BRANCH 1 (HWY 10 to St. Claire Lake to Pelican River)

Nothing further to report.

DATA COLLECTION AND MONITORING PROGRAM– August 2021

Lake sampling. Summer interns continue to take lake samples on all 13 scheduled lakes. Water quality has been good, with most phosphorous readings under 15 ppb (as low as 7 ppb; impairment on deep lakes is 40 ppb), and chlorophyll readings below 4 ppb (impairment on deep lakes is 14 ppb).

Stream Monitoring. As streams dry up from low water, District staff have quit sampling water quality on streams. High concentrations at low flows can skew water quality readings, and falsely indicate high pollutant loading. Staff have cleaned staff gages and performed necessary maintenance while levels are low.

DISTRICT ADMINISTRATOR'S MONTHLY REPORT
AUGUST 13

Stream Ratings. With low water levels, staff are no longer able to take valid stream ratings. Staff will continue to monitor water levels, and will take more readings in the event that water levels begin to rise.

Shoreline Surveys (*Big, North, Little Floyds*). Staff have completed the shoreline survey of Big, North, and Little Floyd, and is in the process of compiling and analyzing data.

Vegetation Surveys (*Sallie, Melissa*). Staff have finished the vegetation survey on Lakes Sallie and Melissa. Staff noted low water and frequent motor conflict with weeds. A total of 383 points were sampled across the 2 lakes within the littoral zones (area less than 15' deep).

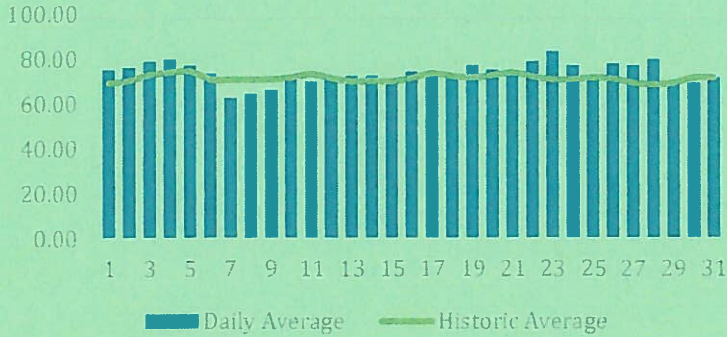
Zooplankton Study. Staff is continuing to collect Zooplankton samples monthly until September on Sallie, Melissa, Long, and the Floyds. MN DNR collects samples in Detroit Lake. The samples will be analyzed by the MN DNR staff.

Lake St. Clair Groundwater Study – Piezometers have been installed on Lake St. Clair to track groundwater influence with the surface water. Data will be collected from the automated sampler and analyzed at the end of the season.

Monitoring Equipment Maintenance. Staff repaired the lighting system on the boat trailer. No other problems were encountered this month.

DISTRICT ADMINISTRATOR'S MONTHLY REPORT AUGUST 13

July Temperature



July Temperatures

On a statewide basis, July 2021 was the 3rd warmest and 3rd driest in MN history. Drought conditions spurred extensive wildfires around North America, causing multiple air quality warnings. Across the state, temperatures trended 1°F-4°F above average. The Detroit Lakes area average high and low of the month was 84°F and 63.4°F, and the average daily temperature of the month was 73.7°F.

Multiple heat advisories were issued throughout the region during July. The highest temperature was 93.2°F on the 23rd and the lowest was 53.6°F on the 9th. Lake water surface temperatures reached 80°F on Detroit, Sallie, and Melissa. Smaller lakes were a bit cooler, but still had surface water temperatures at 75°F. Even with the higher temperature, lake water quality has remained very good.

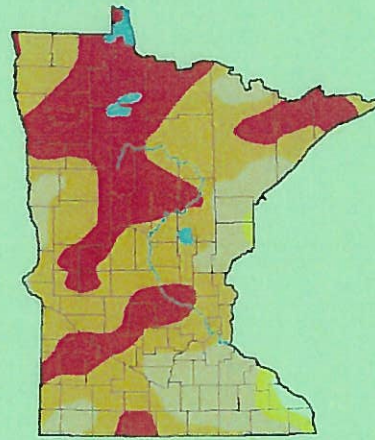
Water Levels

Low precipitation continuing into July has pushed much of the region into “Severe” and “Moderate” drought conditions (see map). Area lakes are continuing to drop as these conditions persist. Campbell Creek has not since mid-July, Little Floyd Lake Dam outlet is not flowing, and Ditch 14 from St. Clair to the Pelican River has slowed to a trickle, and Bucks Mill Dam flow is limited to 2 of the 8 spillway gates.

Many other area rivers and streams are nearing drought conditions experienced in the mid-1980’s.

U.S. Drought Monitor Minnesota

August 3, 2021
(Released Thursday, Aug. 5, 2021)
Wild 8 a.m. EDT



Intensity

- D0 None
- D1 Abnormally Dry
- D2 Moderate Drought
- D3 Severe Drought
- D4 Extreme Drought
- D5 Exceptional Drought

The Drought Monitor utilizes a set of standardized criteria to determine drought conditions. Local conditions may vary. For more information on the Drought Monitor, visit <https://droughtmonitor.unl.edu/about.aspx>

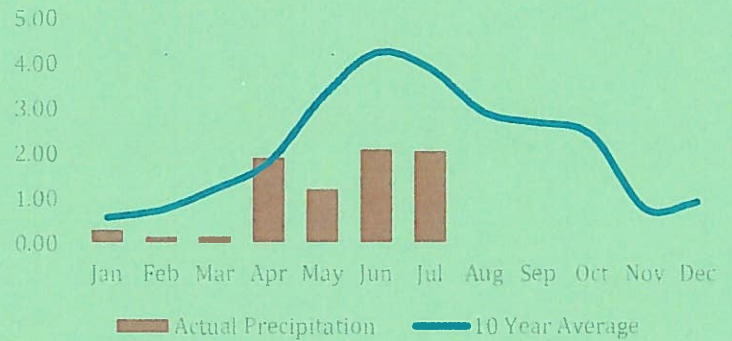
Author

Rachel D. Baker
CPGNOA/ARI/WSN/CEP



droughtmonitor.unl.edu

2021 Precipitation



Precipitation

July did not experience the usual frequency or intensity of summer rainfall events. Rainfall in the region was very spotty, with some areas reporting rainfall but only a few miles away, no rainfall was reported. At Detroit Lakes Airport, a total of 2.04” was recorded for the month of July, 1.85” less than the monthly average of 3.89”. There were only 4 days of rainfall recorded at the airport, with the highest rainfall event occurring on July 24th with 1.36”.

If drought conditions continue to persist, water levels will continue to drop. Let’s hope there is rainfall in the forecast in later August/early September.

RULES OF ENFORCEMENT

August 2021

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>
SS	21-36 Olson, Howard	415 North Shore Dr.	SIZ: Perched sand blanket, 4' lake access steps, riprap repair.
SS	21-37 Oak, Kevin & Greta	15603 West Munson Lane	SIZ: Remove sand blanket and restore vegetation, Reslope riprap to 3:1, repair erosion, remove excess Sediment, construct lake access stairway.
SS	21-38 Crary, Joe	2696 Long Lake Rd.	SIZ: Remove retaining wall, grade slopes, 50x10 sand Blanket, tree replacement (3:1).
SS	21-39 Myogeto, Lee & Donna	2688 Long Lake Dr.	Remove 2 existing retaining walls; install 1 retaining wall 7'-9' height. Install perched sand blanket (50x10); Install riprap. NOTE: A Noncompliance letter was sent 7/30/21 as retaining wall was not being constructed as per approved plans. Issue has been resolved.
LS	21-40 Johnson, Robb	1473 Legion Rd.	Commercial SW Mgmt. Construction of apartment Building.
SS	21-41 Deraney, Jamie & Susan	1375 Long Lake Dr.	Culvert outlet from plugged wetland, rock plunge pool.
SS	21-42 Bekkerus, Bob & Bonnie	126 Shorewood Dr.	SIZ: Removed dying tree and replace with 2 maples.
LS	21-43 Wold's RV	2221 Highway 10 West	Commercial SW Mgmt. Greater than 1 acre impervious surface.

Permit Applications submitted

- SS **Nate Hunter**—624 Shorewood Dr. Vegetative buffer will be required as lot coverage will be at 30% impervious coverage.
- SS **Dennis Dovre**—1601 Oxcart Trail-Stormwater plan is needed. PRWD permit application extending 60 days to allow time to secure City of DL permit.

Violation *****

SS **McCollum, Joe & Amy**, 21749 Floyd Lake Dr., SIZ alterations-work did not comply with permit 20-27. A plan has been received to bring the site into compliance. They are picking out plants to complete the project.

District Comments to City of Detroit Lakes Planning & Zoning:

No comments needed

District Comments to Becker County Planning & Zoning:

No comments needed

Progress Report

Long Lake Road— Vegetation establishment looks good. Mortenson will continue to monitor.

18-41- Highland Estates-City approved changes to the PUD. District permit has expired and developer will need to reapply.

Riverview- Becker SWCD is restoring PRWD easement. There is an issue with the easement that board will need to address.

Midtown Dev. -1281 Washington Ave. No work being done at this time. SW is in compliance.