



Rock Koshkonong Lake District

Board of Commissioners

June 20, 2024

6:00 p.m.

Fulton Town Hall

2738 W Fulton Center Dr.

Edgerton WI 53534

1. Call to Order
2. Confirmation of Meeting Public Notice
3. Election of Chair
4. Approval of Agenda (action)
5. Approval Draft May 16, 2024 Meeting Minutes (action)
6. Public Participation (agenda items only)
7. Treasurers Report
8. Bills and Invoices (discussion/action)
9. Water Control Project Debris Boom Bid Project Update (discussion/action)
10. Indianford Dam Report
 - Dam Inspection Bid Specification (draft) (discussion/action)
 - Water Level Observations (discussion/action)
11. Lake Management (discussion/action)
 - 2024 Audit
 - 2025 Budget
12. Communications (discussion/action)
 - RKLD Handbook
 - Newsletter
 - Annual Meeting
 - Agenda
 - Meeting Notice
13. Public Participation
14. Comments by Commissioners
15. Adjourn

May 16, 2024
BOARD OF COMMISSIONERS MEETING MINUTES
ROCK KOSHKONONG LAKE DISTRICT

Secretary Susan Shearer called the meeting to order at 6:00 p.m. Board of Commissioner members present were Treasurer Mark Meyer, Michael Hart, Eric "Rick" Richardson, Michael Shumaker, and Susan Shearer

Sweeney confirmed the meeting agendas were posted.

APPROVE AGENDA: A Richardson/Shumaker motion to approve the agenda passed, all voted in favor.

APPROVE MINUTES: A Shumaker/Hart motion to approve the April 18, 2024 minutes passed, all voted in favor.

PUBLIC PARTICIPATION: Secretary Shearer asked for public participation. There was none.

TREASURER'S REPORT: Treasurer Meyer presented the Treasurer's report along with the monthly bills.

A Richardson/Shumaker motion to approve the Treasurer's report and the bills list passed, all voted in favor.

PRESENTATION BY CEDAR CORPORATION REGARDING DREDGING PROJECTS: Russ Kiviniemi and Joseph Pingel provided a presentation regarding the options available from Cedar Corporation for dredging projects. Treasurer Meyer and Shumaker requested Cedar Corporation to provide a feasibility study to remove limestone in front of Pettit's Lakeview Campground. The removal of limestone will allow a greater flow of water to maintain the water levels.

WATER CONTROL PROJECT DEBRIS BOOM BID: Treasurer Meyer stated one bid was received from IEI in response to the the debris boom project bid. There were no other bids received.

A Meyer/Shumaker motion to award the debris boom project bid to IEI in an amount not to exceed \$70,000 passed, all voted in favor.

INDIANFORD DAM REPORT: The Indianford Dam Inspection bid was presented to the Board.

A Meyer/Hart motion to post a notice for qualified bidders to complete the Indianford Dam Inspection passed, all voted in favor.

LAKE MANAGEMENT: Meyer presented the Board with the monthly water level data report and proposed data change based on the opening and closing of the gates on the Indianford Dam. The Commission discussed the options of installing new gauges. This will be presented at the annual meeting.

COMMUNICATIONS: Salvo stated the rules of procedure document was reviewed in 2019 and requested the Board provide any proposed changes to be included in the future meeting. The main page of the website has been updated to include information regarding the Indianford Dam gate position. This static information is updated periodically.

PUBLIC PARTICIPATION:

Justin Shultz stated in approximately 2017 the Rock Koskonong Board of Commissioners approved to complete an ordinary high water mark study that included LiDAR. Justin requested to find out if this survey was completed.

COMMENTS BY COMMISSIONERS: Treasurer Meyer stated staff will schedule the annual audit with the Townships.

Being no other business before the board, a Shumaker/Meyer motion to adjourn at 7:16 p.m. passed, all voted in favor.

Rock Koshkonong Lake District June 20th, 2024

5-14-2024 Balance	\$	44,115.95
Interest	\$	7.49
Fox Construction		TBD

6-20-2024 Balance	\$	44,123.44
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Water Control Project Checking

10-5-2021 Transfer from Lake Fund	\$	700,000.00
10-26-2021 Transfer from General Fund (balance of 2021 budget- loan payment)	\$	114,544.63
10-26-2021 Meade and Hunt #1802663	\$	(6,521.44)
11-23-2021 Meade and Hunt #1813312	\$	(7,045.79)
11-23-2021 Meade and Hunt #1813312	\$	(6,767.50)
11-26-2021 IEI Pay Request #1 (10% retainage owed at completion)	\$	(38,894.40)
1-5-2021 Meade and Hunt November 2021	\$	(10,977.00)
1-5-2021 Transfer from General Fund (2019 & 2020 unspent. Approved 12-15-2021)	\$	82,368.00
1-21-2022 Meade and Hunt invoice #326602	\$	(5,739.75)
3-14-2022 Meade and Hunt invoice #327697	\$	(2,061.75)
3-25-22 Meade and Hunt Invoice #328937	\$	(3,147.25)
3-25-22 IEI Pay Request #2 (10% retainage owed at completion)	\$	(51,687.00)
4-29-22 Meade and Hunt Invoice #329983	\$	(5,678.00)
6-14-22 Transfer to General Fund for bills paid in 2021. Reconciliation.	\$	(18,693.06)
6-27-22 Transfer from General Fund- 2021 LKWA donation for cleaning boom	\$	2,500.00
7-11-22 Transfer from General Fund- 2022 Loan Payment Allocation	\$	190,000.00
7-29-22 Mead and Hunt Invoice #33147	\$	(4,318.00)
7-29-22 Mead and Hunt Invoice #332948	\$	(8,951.75)
7-29-22 Mead and Hunt Invoice # 334300	\$	(688.00)
8-29-22 IEI Pay Request #3 (10% retainage owed at completion)	\$	(127,747.50)
8-24-22 Meade and Hunt Invoice 335627 (actual owed \$6,207 balance credited)	\$	(13,957.75)
9-30-2022 TSC Concrete Testing	\$	(957.00)
9-30-2022 ECS Concrete Testing	\$	(598.00)
9-30-2022 Transfer from General Fund 2021 Balance	\$	26,209.00
10-19-2022 Transfer from Lake Improvement Fund	\$	107,347.68
10-21-22 IEI Pany Request #4 (10% retainage owed at completion)	\$	(296,681.29)
11-21-22 Mead and Hunt Invoice 337686 August	\$	(7,003.00)
11-21-22 Mead and Hunt Invoice 338931 September	\$	(6,731.51)
11-21-22 Mead and Hunt Invoice 340459 October	\$	(4,121.00)
11-21-22 IEI Pay Request #5 (10% retainage owed at completion)	\$	(365,490.00)
1-5-2023 IEI Pay Request #6 (10% retainage owed at completion)	\$	(267,250.50)
1-5-2023 Mead and Hunt Invoice 341342 November	\$	(11,130.76)
1-5-2023 National Exchange Bank Loan Draw #1	\$	55,000.00
1-17-2023 Transfer to GF for TSC invoice IN125500	\$	(1,385.00)
1-31-2023 Meade and Hunt Invoice 342723 December	\$	(10,060.88)
1-31-2023 National Exchange Bank Loan Draw #2 transfer from GF	\$	90,000.00
2-1-2023 IEI Pay Request #7	\$	(78,914.70)
3-15-2023TSC- Concrete Testing Invoice IN125834 (paid from GF, transfer this account)	\$	(2,665.00)
2-28-2023 IEI Pay Request #8	\$	(116,640.00)
3-15-2023 TSC Invoice #IN126128	\$	(1,754.00)
2-27-2023 Mead and Hunt January (Part 1/2 Invoice #344257)	\$	(8,209.08)
2-27-2023 National Exchange Bank Loan Draw #3	\$	130,000.00
4-21-2023 Transfer from Dam Fund	\$	2,200.00
4-21-2023 TSC Concrete Testing	\$	(1,233.00)
4-25-2023 National Exchange Bank Loan Draw #4	\$	230,000.00
4-25-2023 IEI Pay Request #9	\$	(60,210.00)
4-25-2023 IEI Pay Request #10 *check is MIA- requested cancel and reissue from FCB*	\$	(72,499.50)

5-1-2023 IEI General Contractors- Failed Dewater and Sill Repairs- Change Order #9	\$	(82,527.00)
5-1-2023 Mead and Hunt Invoice- Failed Dewater and Sill Repairs - March	\$	(8,282.48)
4-25-2023 National Exchange Bank Loan Draw #5	\$	20,000.00
5-19-2023 IEI Balance Due on Pay Request #11	\$	(9,484.50)
5-22-2023 Mead and Hunt April	\$	(4,979.06)
5-22-2023 TSC Invoice # IN126819	\$	(100.00)
6-27-2023 Transfer from GF- 2022 balance	\$	19,289.00
6-27-2023 Meade and Hunt May Invoices	\$	(3,928.75)
7-14-2023 National Exchange Bank Loan Draw #6	\$	40,000.00
7-14-2023 IEI Pay Request #12	\$	(58,850.00)
8-23-2023 TSC Concrete Testing	\$	(3,163.00)
8-23-2023 Worthington Products- Debris Booms and Hardware	\$	(10,719.41)
8-25-2023 Mead and Hunt June	\$	(2,084.00)
8-25-2023 Mead and Hunt July	\$	(5,659.84)
8-25-2023 National Exchange Bank Loan Draw #7	\$	420,000.00
8-25-2023 IEI Pay Request #13	\$	(132,489.40)
10-3-2023 Mead and Hunt August	\$	(4,492.13)
10-3-2023 IEI Cast in Place Concrete Change Request	\$	(72,250.00)
10-26-2023 Mead and Hunt September	\$	(1,638.00)
10-26-2023 IEI Pay Request #14	\$	(96,525.00)
11-20-2023 IEI Pay Request #15	\$	(13,500.00)
11-20-2023 Mead and Hunt October	\$	(3,697.68)
1-3-2024 Mead and Hunt November	\$	(1,580.25)
1-19-2024 50% Dispersment from WIDNR Grant	\$	200,000.00
2-2-2024 IEI Project Retention	\$	(207,710.09)
2-12-2024 IEI Refund for duplicate payment- Cast in place concrete/PR #14	\$	72,250.00
2-29-2024 Mead and Hunt January (Request to confirm final payment for the project)	\$	(1,940.25)
3-29-2024 Mead and Hunt Final Invoice- As Builts to WIDNR	\$	(3,496.75)

4-14-2024 Water Control Project Checking Balance	\$	146,200.56
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Debris Boom Scope, Remaining Balance to loan. (56K NTE + Concrete Repairs)	\$	(75,000.00)
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6-20-2024- Balance	\$	71,200.56
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Borrowing Cap with a maximum 8 year duration	\$	1,100,000.00
9-29-2023 Loan Summary Max 1.1M (corrected amount +1500 for loan origination)	\$	986,500.00
7-20-2023 Loan Payoff (after 2023 payment of 190K) + Draw #7	\$	(803,709.42)
2-29-2024 Loan Payment	\$	190,000.00
Estimated Interest	\$	(31,344.67)
Estimated Balance	\$	(645,054.09)
Dam Project Budget Total (RKLD 2021-2022 Resolution)	\$	2,277,500.00
IEI Genral Contractors Base Contract and Changes including cast in place concrete	\$	72,250.00
Mead and Hunt to date	\$	(236,848.02)
Concrete Testing to date	\$	(9,190.00)
Balance	\$	2,103,711.98
Down Stream Dredging and East Bay Debris (Dam Fund NTE)	\$	100,000.00
Final Costs (missing cost from Fox Constrution for removing spoils)	\$	(87,749.50)
Wall Repairs (Rock County 2023 Resolution NTE)	\$	425,000.00
To be submitted for reimbursement	\$	(115,630.54)
PAID BY Rock County	\$	115,630.54

General Fund Balance and Activity

5-15-2024 Balance	\$	81,065.03
Kim Bothom June	\$	(1,200.00)
Jenny Salvo June	\$	(1,200.00)
Alliant #1	\$	(20.38)
Alliant #2	\$	(55.60)
Deposit Taxes	\$	293.00
6-20-2024 Adjusted Balance	\$	78,882.05
Kim Bothom- July	\$	(1,200.00)
Kim Bothom May Refund	\$	1,200.00
Jenny Salvo- July	\$	(1,200.00)
Baer Insurance- Annual Liability/Auto	\$	(3,602.00)
PO Box- Annual	\$	(84.00)
6-21-2024 Expected Balance	\$	73,996.05

Notes:

1. Award IEI Debris Boom Project \$56K NTE T&M + Concrete Repairs \$14 NTE T&M
- 2 Maint/Repair Funds \$8,700. Balance from WCP.
3. Dam Inspection Bid. 1- Bank to Bank 10 year 2- Power House WCP underwater. 3- West Wall Repair
4. IT Project started. Discuss idea of adding a guage aat the powerhouse for gate control.

SOLICITATION TO BID
ROCK KOSHKONONG LAKE DISTRICT

INDIANFORD DAM INSPECTION
LAKE KOSHKONONG, WISCONSIN

Project No. [if applicable]

BID SUBMISSION: Bids must be postmarked by [DATE] and mailed to the following address:

Rock Koshkonong Lake District
P.O. Box 63
Edgerton, WI 53534
ATTN: Mark Meyer, Treasurer

OWNER: Rock Koshkonong Lake District (hereinafter RKLD)

All potential bidders and employees of bidders must be trained and/or certified as defined and required by the Occupational Health and Safety Administration (hereinafter OSHA) and shall be professional engineers registered under Wis. Stat. § 443.04. All bids from contractors who are fail to follow these requirements will be rejected.

Base bids will be received as a single lump sum. Any bids that fail to list a lump sum will not be accepted. RKLD will identify and select the lower, qualified, responsible bidder.

Sealed bids will be accepted before the time indicated above.

The bidder is responsible for delivering the sealed bid to the location describe above, or by email by the deadline for bid submission above. Bidder has the sole responsibility for delivering bids by the deadline.

Once the lowest bid has been identified and selected, the RLKD will award the project to said lowest bidder on April 24, 2024. Successful Contractor shall provide applicable license and proof of insurance upon notification of award.

Generally, the work will consist of the following: Conducting an inspection of the Indianford Dam pursuant to Wis. Stat. §§ 31.19(2) and 31.19(4) using the checklist provided by the Wisconsin Department of Natural Resources (hereinafter DNR). The contractor will prepare a final Dam Inspection report complete with general upstream and downstream photographs of the dam as well as photographs of any deficiencies present. The contractor will also be responsible for obtaining any approvals of the DNR should they be necessary. All work shall be compliant with state, local, and environmental regulations.

1
2 The following specifications must be followed: State law relating to inspections of large dams
3 covered in Wis. Stat. §§ 31.19(2) and 31.19(4). The Dam Inspection Checklist and Dam
4 Inspection Photograph Instructions promulgated by the DNR.

5
6 The following deadlines will apply after the award has been made: the inspection is to be
7 prepared and ready to be transmitted to the DNR by [DATE].

8
9 Bidding documents will be available online immediately upon the project being advertised for
10 bidding [AT THE FOLLOWING LOCATION].

11
12 A pre-bid tour will be held on [DATE] at [TIME] at the Indianford Dam located at 3893 West
13 County Rd. M, Edgerton, WI 53534.

14
15 Interested bidders, please contact the RKLD Board of Commissioners Treasurer Mark Meyer for
16 more information, (608) 728-1838, markmeyer3966@gmail.com

Post Water Control Observations - 2024

Lake Koshkonong	Going Up	Coming Down	Difference	Change %
Depth	6.55	9.55	3	45.80%
Inflow	4500	6500	2000	44.40%

The lower portion of the river can discharge and amount equal to 4500 CFS Inflow. After the entire system will rise.

When the pool is 9.75' that capacity increases to 6,500 CFS. Below that the entire system will lower.

The RKLD's span of control is between 1,000 CFS inflow and 4,500 CFS inflow.

The only exception would be the time it takes flood waters to return to normal.

Generally speaking the depth range set in the order is a target we chase. Maintaining year round is not possible.

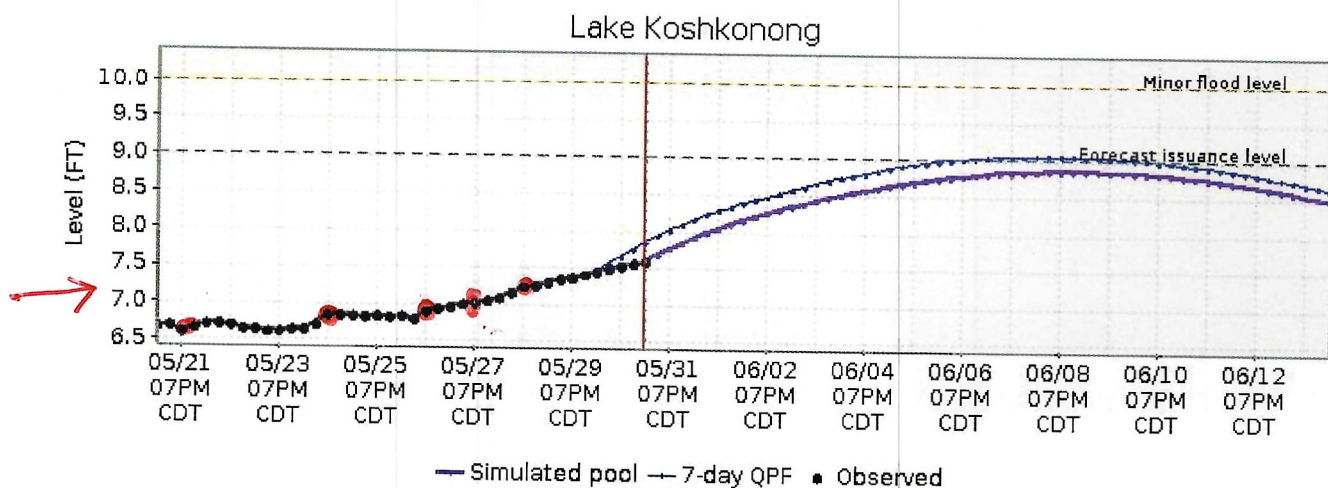
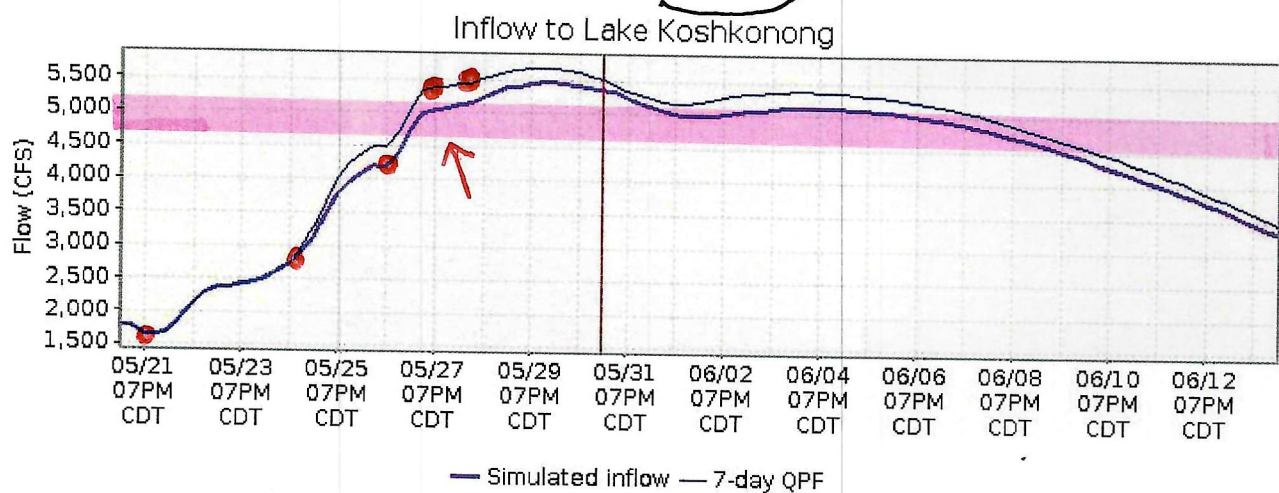
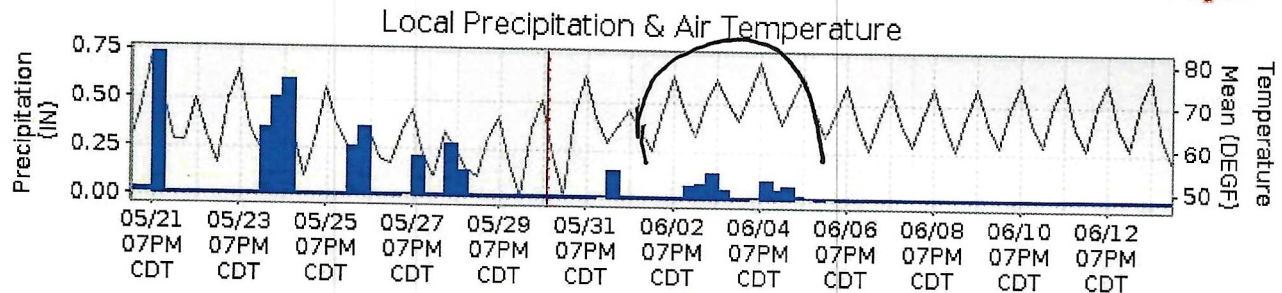
The current configuration allows us 100% control when possible. We can discharge more but the lower river does not deliver the water to the dam fast enough within the mandated range.

The project has improved our water control 20-25%. Removing obstructions and improving discharge within the mandated range might have a similar impact.

Assuming the lower portion of the river has a maximum discharge = to 5000 CFS inflow between 6.5-7' Pool Height



North Central River Forecast Center
Lake Koshkonong Guidance
Valid Time 05/31/2024 07 AM CDT



Disclaimers: Not an official forecast - Model Guidance Only

The NCRFC Simulated Guidance includes 24 hours of forecast precipitation (QPF).

Created on 05/31/2024 at 08:42:52 AM CDT

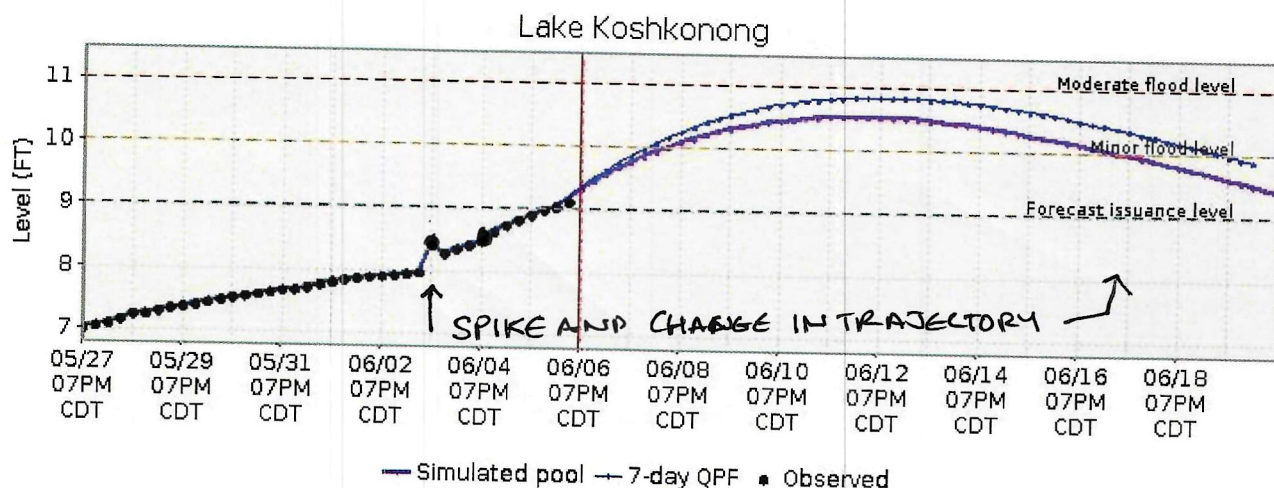
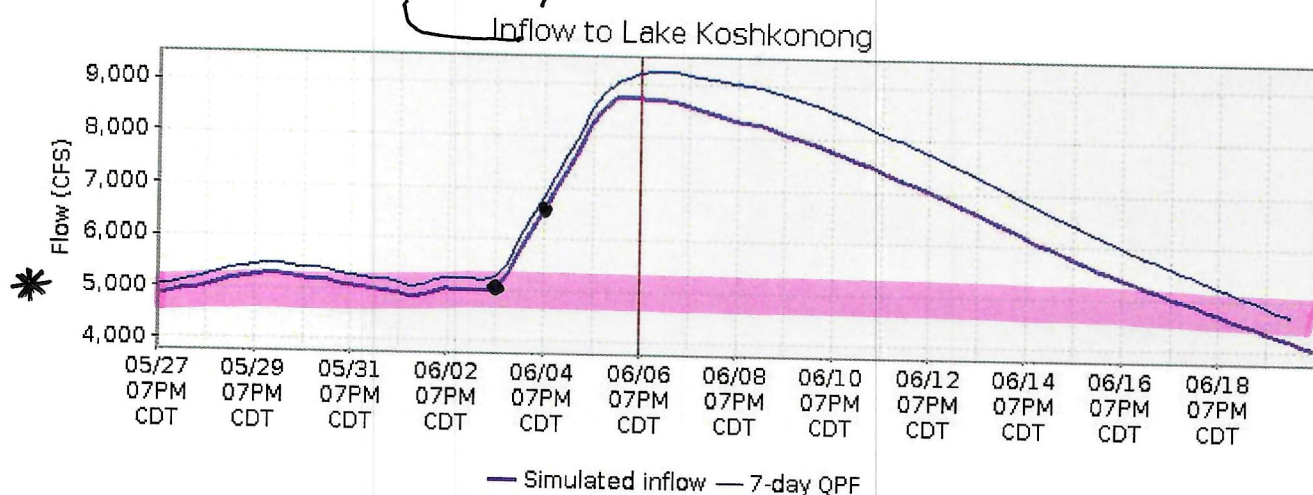
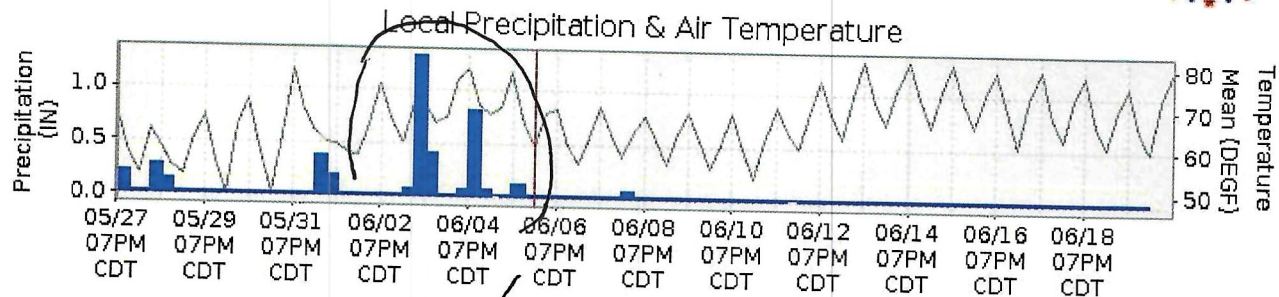
Entire System must raise for discharge capacity to increase. Once this happens precip has a smaller affect on inflow rate

* JUNE 3RD PRECIP exceeds forecast, June 4th PRECIP exceeds forecast. System was at full capacity Inflows stack up and pool rises. Once flows reduce to 4500 CFS Pool will recede.



North Central River Forecast Center Lake Koshkonong Guidance

Valid Time 06/06/2024 07 PM CDT



Disclaimers: Not an official forecast - Model Guidance Only

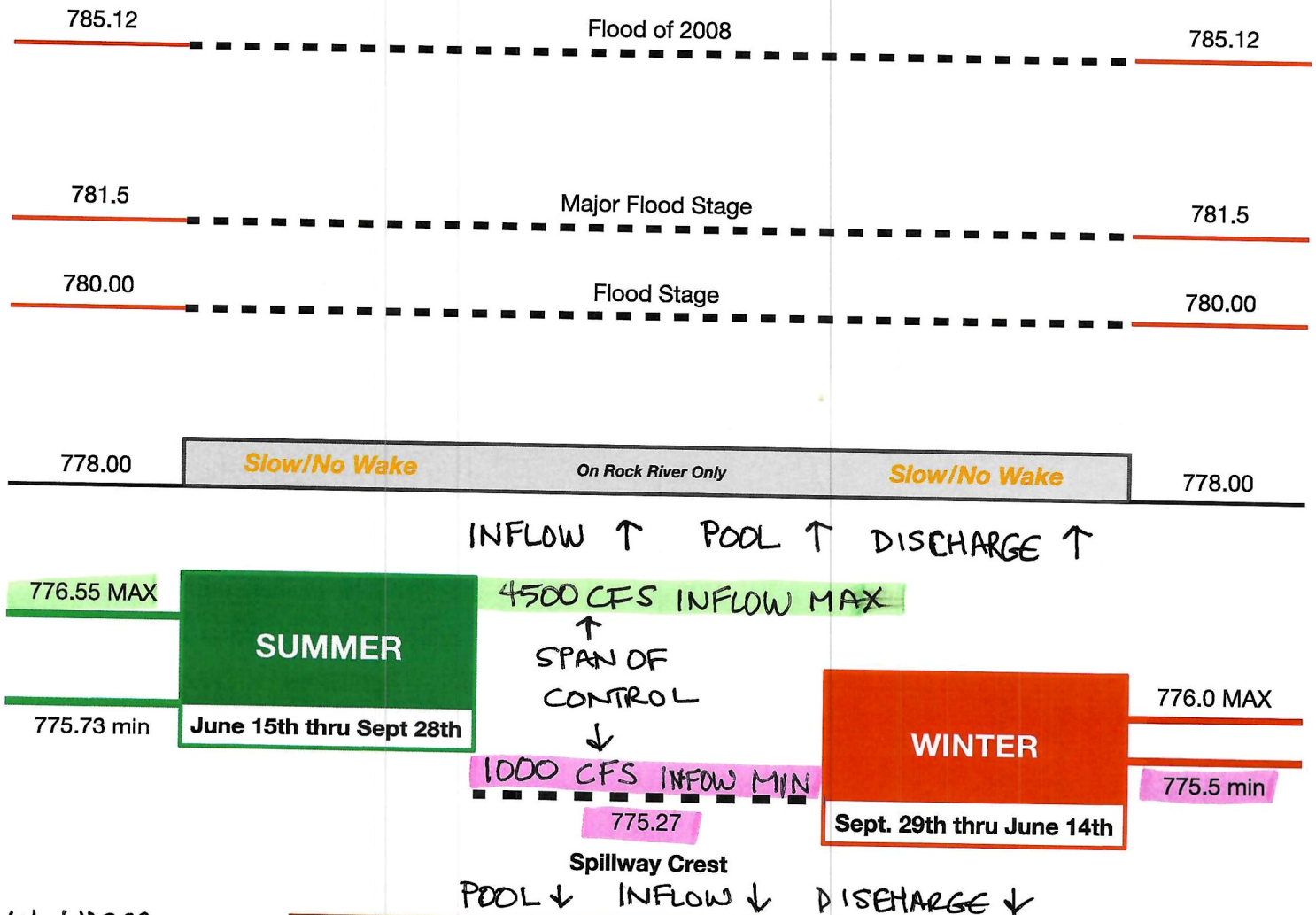
The NCRFC Simulated Guidance includes 24 hours of forecast precipitation (QPF).

Created on 06/06/2024 at 07:03:27 PM CDT

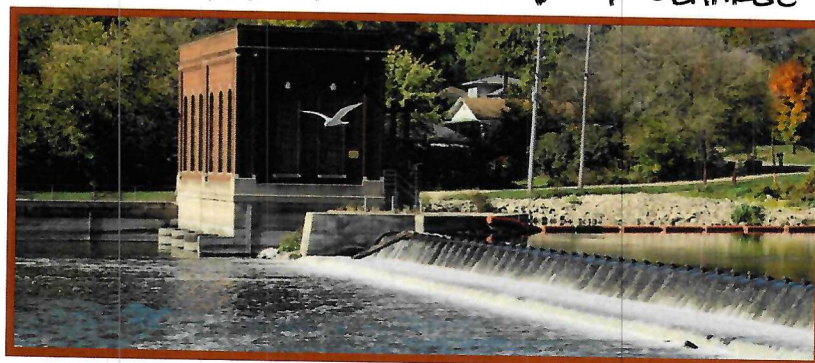
Indianford Dam Operating Orders Lake Koshkonong

Elevation as measured at
USGS gauge
#05427235
Lake Koshkonong near Newville

2017 & 2018



HIGH WATER
PRECIP OR
THAW THAT
GENERATES
INFLOWS OF
4500 CFS +
FOR EXTENDED PERIODS



LOW WATER
LACK OF PRECIP
AND INFLOWS
UNDER 1000 CFS
FOR EXTENDED
PERIODS

* BOTH SCENARIOS TAKE DAYS / WEEKS / MONTHS TO CORRECT *

Indianford Dam Operating Order Change Request.

Winter Period Change to April 15th -October 14th

Summer Period Change to October 15th – April 14th

Reasons:

We understand that the drawdown dates were set to allow hibernating creatures to find a proper zone. It was mentioned that the end of the drawdown was chosen to allow wetland plants to fully mature. This is logical if the water level typically went up in the summer. Historically the lake levels are much higher during the spring months and the water recedes to the summer levels. This request is to acknowledge the typical flooding and avoid low water periods after ice out.

Gate Operations- Change to maintain 6-12" of flow over spillway to reduce water levels

Reasons:

Current Order states all gates will be open when the maximum level is exceeded. We have learned that the new configuration has an incredible discharge capacity. With all of the gates open and the pool under 7' the spillway has no water running over it. Recently the spillway water was approximately 28" lower than the lake pool. The lower section of the Rock River between Lake Koshkonong and the dam simply doesn't bring the water fast enough. The discharge should be regulated to allow the spillway to assist with the discharge. Currently we are focusing very strong currents downstream and around the structure. This will create unnecessary erosion, costly repairs, and potential personal property damage.

Summary:

We have made the following observations since the completion of the Water Control Project;

1. Precipitation raises the pool instantaneously.
2. Inflows take 3 days to maximize.
3. Additional events within 3 days have a stacking effect on inflows and pool height.
4. At the summer maximum the lower river can carry a volume equal to 4,500 CFS +/- inflow.
5. We can control water levels in the lake up to this range.
6. The entire system will rise with extended flows exceeding 4,500 CFS inflow.
7. Low inflows of 1,000 CFS can lead to low water periods because of the spillway elevation.

The RKLD has improved our span of control on Lake Koshkonong water levels as much as possible. The allowable depth ranges are truly more of a target than a rule. The discharge of the lower river is severely

limited due to restrictions. The only way to improve our span of control would be to remove these obstructions. We would like to discuss involving the State of Wisconsin technically and monetarily to improve this public waterway. Conceptually this will involve topographical mapping to identify the restricted areas. Then a feasibility study to see if the obstructions can be removed. Also, for clarity the district believes this would be rock removal that is higher than the surrounding bed. Definitely not temporary dredging that is costly to maintain. If the concept becomes reality part two would be to raise the spillway in order to avoid extended low water periods.