# Mudhen Lake Rehabilitation Annual Board Meeting August 12, 2023

**Open Meeting** was called to order at Daniels Town Hall at 7:55 AM by Mitchell Otterson on Saturday, August 12, 2023. There were fifteen members in attendance. Proposed budget was discussed, including the increase for the annual budget. \$400 for the ILIDS camera and \$30 for the annual postcard creation and mailing. In addition, the fee of \$2602 for the Aquatic Plant Management Plan was discussed. It was confirmed that the Lake Management Plan account will have enough funds to pay for this when the invoice arrives in Dec.2024. It was also determined that Mike Orlikowski will update the financial reporting to align with the calendar year as opposed to beginning of the annual meeting each year.

Motion was made to adjourn the meeting by Mike Hoef. Chuck Awe seconded the motion. Motion carried. Meeting adjourned.

**Annual Board Meeting** was called to order at Daniels Town Hall at 8:10 AM by Mitchell Otterson on Saturday, August 12, 2023. There were twenty - five members in attendance.

- **I. Secretary's Report** Mary Sagstetter read secretary's report. Motion was made to approve secretary's report by Chuck Awe. Mike Orlikowski seconded the motion. Motion carried.
- II. Treasurers Report Mike Orlikowski reported the following balances:

Beginning Balance - Checking \$3161.92 / Savings \$8717.39 for a total of \$11,879.31

Expense paid of \$2800 - ILIDS/ Additional ILIDS Charge/ Post Card Fee \$300 was moved from Checking to Savings.

.92 cents was accrued in interest
\$9 analysis services charge

Ending Balances - Checking \$652.92 / Savings \$11,218.31 for a total of \$11,871.23

Discussed increases in fee of \$730 for ILIDS and internet fee for this upcoming year.

Motion was made to approve treasurer's report by Mike Hoef. Chuck Awe seconded the motion. Motion carried.

# **III. Old Business**

#### A. Lake Update

1. ILIDS Report – Total launches since the April 2023 installation totals 273. One potential violation was noted on 5/28/23. Process is to notify DNR. DNR then contacts to provide education for first offense and if second occurs a fine would be issued. During the time period of June 19 – June 24 there was no camera recordings due to the weeds being in front of the camera. It is important to check the landing to make sure the camera is clear of weeds. Thanks to Mike Huber and the Heintz's for assisting with the weed removal. As for the videos- nothing remarkable was noted. Read the specific notes on line or in the minutes.

Discussion occurred as to the cost of this ILIDS service and the value we are receiving. Options were offered from remaining on the same course with Environmental Sentry Protection to seeking another

company to taking this back and moving to a trail camera and then video viewing could be as a volunteer or paid opportunity. It is felt that the current plan keeps honest people honest and acts like a security guard. It was determined the current plan will remain. Mitch Otterson will check into the message that is being shared with boaters to see if we can add to use the wash station. He also will look into the changing the viewing area as it may be advantageous to also see who is washing their boats. Mitch stated the goal would be to look for grants to assist with the funding. This topic will be revisited at future meetings.

**2. Lake Monitoring** – Ten clarity readings have been taken from this May thru the end of July and submitted to the SWIMS WI DNR site:

May - 23 ft

June - 14 feet /13 feet

July – 12 ft / 11 ft / 11 ½ ft / 11 ft / 10 ft

Scott Stennes also has submitted the dissolved oxygen readings to the SWIMS site.

**3. Purple Loosestrife** –Dan Heinz stated the Purple Loosestrife is blooming. The eradication of the Purple Loosestrife from Mudhen Lake will be:

Date: Saturday, August 19, 2023

Time: 8 AM

Meeting Location: Dan Heintz's house - 9663 N. Mudhen Lake Dr.

Volunteers should plan to stay for a light lunch and conversation after at the Heintz's house

- **4. Online Meetings** Discussion occurred regarding making On-line meetings available for the Board and Annual Mudhen Lake Rehab District meetings. Comments shared included:
  - Current available technology is not totally understood.
  - The Board cannot manage this task it would have to be managed by a volunteer member.
  - A member could record the meeting and then post on the Mudhen Lake Facebook page as these are public meetings.
  - Website option offered.
  - Website option would cost money and need to be managed.

Current format of in-person meetings only and the meeting notes being sent after the meetings and then posted once approved will continue.

**5. Meeting Time** – Discussion occurred as to changing the time of the meeting from 8 AM to a later time. Motions requested to be deferred until Public Comments section in agenda.

## **IV. New Business**

A. Tamarack Lake Survey Report / Lake Level – The elevation of the Mudhen Lake, taken on June 28, 2023 was 97.1. Historical data has been included in the report. It was noted that this was the same level as the previous year. Discussion occurred as to the timing of the lake level reading and if this should change as the information present at the annual meeting is information of the lake level in June and not currently being experienced in August. Comments shared included:

- It is important to continue with the June reading each year as that is the date that is used for comparison over time
- Three data points for readings requested Ice out- June and prior to August meeting
- What is the purpose of more readings? Would there be an actionable item.
- Sometimes more information could be confusing
- Other factors come into play rainfall, lack of rainfall, etc.
- Staff gauge could be added to the lake for monitoring
- No official lake level has been recorded by the DNR for Mudhen Lake Per Mitch Otterson
- Is the lake a seepage or spring fed- DNR lists as a seepage lake yet there are springs on the lake

Result: Current timing of the lake level reading by Tamarac Land Surveying will remain the same.

- **B. Annual Financial Audit** The Mudhen lake Rehab District books were audited by Denise and Jerry Fedie and both checking and saving financials were found to be in order. Signed certification will be included in the meeting minutes.
- **C. Approve Budget** Mike Orlikowski explained the proposed budget of \$5430. Increases from previous year are \$400 for the ILIDS internet and \$30 for the creation and mailing of the annual meeting postcard.

| Tamarack Land Surveying Lake Level Reading | Expense           | \$300.00   |
|--|-------------------|------------|
| Burnett County Lakes & Rivers              | Dues              | \$50.00    |
| Secretary                                  | Meeting Expenses  | \$180.00   |
| Environmental Sentry Protection            | Camera at Landing | \$2,900.00 |
| Burnett County Land & Water                | Donation          | \$150.00   |
| Lake Mapping                               | APM report        | \$500.00   |
| Emergency Fund                             | Replenishment     | \$1350.00  |
| Total                                      |                   | \$5430.00  |

Motion was made to accept the proposed budget by Mike Hoef. Chuck Awe seconded the motion. Motion carried.

**D. Vote for Board Member Position** – Mike Orlikowski submitted his letter of intent to run for this position by the July 1, 2023 deadline. Since he was the only one to submit, Mike ran unopposed. The Board welcomed him to continue in this position for the next 3 years.

#### E. Public Comments

- 1. A motion was made by Pete Kujawa to have future meeting at 8 AM, Mike Huber seconded the motion. Grant Wilhem amended the motion to move the meeting time to 8:30 AM, Deb Luzinski seconded the motion. A show of hands vote was taken, the 8 AM meeting time will remain for future meetings.
- 2. Question was asked as to the results of the second part of the feasibility study. This study is still in progress and will be shared at the Oct. 14, 2023 meeting. It was clarified that the original study was initially at a \$25,000 price point, so only a partial study was completed which cost \$6000. The second part of the study will cost approx. \$8000. Mitchell shared at the June 2023 meeting that a group of concerned lake citizens have offered to donate the funds towards the completion of the study. At that meeting, Chuck Awe suggested that the group donate the funds to the Mudhen Lake Rehabilitation

District and the Board would then pay for the completion of the Feasibility Study. This allows the report to belong to the Mudhen Lake Rehabilitation District. To date the donated funds total \$6510.00. donations are still being accepted, if interested in joining the effort, please email mps1300@aol.com.

3. A request was made to see the invoice for the initial part of the Feasibility study. All information and documents are public. So, it is possible to view the records at the meeting or request to view at a later date.

Motion was made to adjourn the meeting by Mike Hoef. Chuck Awe seconded the motion. Motion carried. Meeting adjourned.

Respectfully Submitted by Mary Sagstetter, Mudhen Lake Secretary

2023 MUDHEN LAKE ILIDS (lake camera) report located at:

https://docs.google.com/document/d/1JktgR4XzBYbZOBrPQ2Q6Oz8ybik5uLxu34n46bn6O5k/edit?usp=sharing

MUDHEN Aquatic Plant Management Plan: 2018 – 2023: https://www.burnettcounty.com/DocumentCenter/View/7374

Mud Hen Lake Rehab District Meeting Minutes:

https://townofdaniels.com/mudhen-lake-rehab-district

Upcoming Mudhen Lake Rehab District Board Meetings:

October 14, 2023/March 9, 2024/June 8, 2024

All meetings are held at 8 AM at Daniels Town Hall

# Mudhen Lake Rehab District Report

|  |         | Total Beginning Balance             | ing Balance | Che         | Checking Balance | ance     | Savings     | Savings Balance |
|--|---------|-------------------------------------|-------------|-------------|------------------|----------|-------------|-----------------|
| Date Range: 6/1/23 - 7/31/23   |         | \$ 11,879.31                        |             | \$ 3,161.92 | 1.92             |          | \$ 8,717.39 |                 |
| Date Description of Deposit or Expense   | Check # | Received                            | Expense     | Received    |                  | Expense  | Received    | Expense         |
| 6/8/2023 Transfer from Checking to Savings<br>6/14/2023 Analysis Service Charge<br>6/30/2023 Interest<br>7/31/2023 Transfer from Savings to Checking |         | \$ 2,800.00<br>\$ 0.44<br>\$ 300.00 | \$ 2,800.00 | v)          | 300.00           | 2,800.00 | \$ 2,800.00 | \$ 300.00       |
| Total  |         | \$ 3,100.92                         | \$ 3,109.00 | \$          | \$ 00.008        | 2,809.00 | \$ 2,800.92 | \$ 300.00       |
| Beginning Balance  |         | \$                                  | 11,879.31   | \$ 1        |                  | 3,161.92 | \$          | 8,717.39        |
| +Total Receipts  |         | \$                                  | 3,100.92    | \$          |                  | 300.00   | \$          | 2,800.92        |
| Subtotal   |         | \$                                  | 14,980.23   | \$          |                  | 3,461.92 | \$          | 11,518.31       |
| -Total Expenses  |         | \$                                  | 3,109.00    | \$ 0        |                  | 2,809.00 | \$          | 300.00          |
| Ending Balance   |         | \$                                  | 11,871.23   | \$ \$       |                  | 652.92   | \$          | 11,218.31       |

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Mudhen Lake Rehab District 2023-2024 Budget

|   | 1000 TA CAO                                       | 2022-23 Attual             | 7077-73 Dauger   |  |
|---|---|----------------------------|--|--|
| Lake Level Reading                              | \$ 300.00   | \$ 300.00                  | \$ 300.00  |  |
| Dues  | \$ 50.00  | \$ 50.00                   | \$ 50.00   |  |
| Meeting Expenses                                | \$ 180.00   | \$ 150.00                  | \$ 150.0   | $\overline{\Box}$  |
| Camera at Landing                               | \$ 2,900.00                                       | \$ 2,305.00                | \$ 2,500.0   | ·  |
| Donation  | \$ 150.00   | - \$                       | \$ 150.0   |  |
| Map for APM                                     | \$ 500.00   | - \$                       | \$ 500.00  |  |
| Replenish                                       | \$ 1,350.00                                       | \$                         | \$   |  |
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|   | \$ 5,430.00                                       |                            |  |  |
| eting Expe<br>nera at La<br>nation<br>p for APM | nding   | 15es                       | ding \$ 180.00 \$  ding \$ 2,900.00 \$  \$ 150.00 \$  \$ 500.00 \$  \$ 500.00 \$  \$ 5,430.00 \$  \$ 5,430.00 \$ | ding \$ 180.00 \$ 2,  ding \$ 2,900.00 \$ 2,  \$ 150.00 \$ 1,350.00 \$ 1,  \$ 5,430.00 \$ 1, |

# Mudhen Lake Rehab District - Account Summaries

| <u>in grafina in completation community city provides and community strategy community of the community of the</u> | General Fund   | La | ike Management<br>Plan | Emergency Fund  | Total  |
|--|----------------|----|------------------------|-----------------|--|
| 9/30/2019  | \$<br>(28.21)  | \$ | 762.24                 | \$<br>10,000.00 | \$<br>10,734.03  |
| 10/31/2019   | \$<br>(186.82) |    |                        | \$<br>10,000.00 |  |
| 5/31/2020  | \$<br>1,906.79 | \$ | 762.24                 | \$<br>10,000.00 | \$<br>12,669.03  |
| 7/31/2020  | \$<br>500.00   | \$ | 284.44                 | \$<br>10,000.00 | \$<br>10,784.44  |
| 9/4/2020   | \$<br>780.94   | \$ | 1,000.00               | \$<br>10,000.00 | \$<br>11,780.94  |
| 2/28/2020  | \$<br>1,565.91 | \$ | 1,000.00               | \$<br>10,000.00 | \$<br>12,565.91  |
| 5/31/2021  | \$<br>442.10   | \$ | 2,500.00               | \$<br>10,000.00 | \$<br>12,942.10  |
| 7/31/2021  | \$<br>325.76   | \$ | 2,500.00               | \$<br>10,000.00 | \$<br>12,825.76  |
| 9/30/2021  | \$<br>1,080.72 | \$ | 3,500.00               | \$<br>10,000.00 | \$<br>14,580.72  |
| 5/31/2022  | \$<br>297.93   | \$ | 2,500.00               | \$<br>5,000.00  | \$<br>7,797.93   |
| 7/31/2022  | \$<br>498.04   | \$ | 2,000.00               | \$<br>5,000.00  | \$<br>7,498.04   |
| 9/31/2022  | \$<br>364.65   | \$ | 2,000.00               | \$<br>5,000.00  | \$<br>7,364.65   |
| 2/28/2023  | \$<br>3,905.96 | \$ | 2,000.00               | \$<br>6,000.00  | \$<br>11,905.96  |
| 5/31/2023  | \$<br>3,879.31 | \$ | 2,000.00               | \$<br>6,000.00  | \$<br>11,879.31  |
| 7/31/2023  | \$<br>3,521.23 | \$ | 2,000.00               | \$<br>6,350.00  | \$<br>11,871.23  |
|  |                |    |                        |                 | Surviving of the same of the s |



P.O. Box 490 • Frederic, WI 54837 • 715-327-4236 • iccpaonline.com Advertising • Custom Printing • Office Supplies • Websites

Invoice Number

Invoice Date

71507

7/12/2023

Advertiser No.

Amount Due

Due Date

4454

\$0.00

7/13/2023

MUDHEN LAKE REHABILITATION DISTRICT MARY SAGSTETTER

**Amount Enclosed** 

PAID IN FULL

Please detach top portion and return with your payment.

#### INVOICE

| ICCPA MUDHEN LAKE REHABILITATION DISTR |           | MUDHEN LAKE REHABILITATION DISTRICT                   |                |                  | Invoice  | No. 71507  | 7/12/2023 |
|--|-----------|---|----------------|------------------|----------|------------|-----------|
| Item Dates                             | Order No. | Description   | No. of<br>Runs | Ad Size          | SubTotal | Sales Tax  | Amount    |
| 7/12/2023 - 7/12/2023                  | 18243P    | Printing: 133 5.5x8.5 Postcard: Annual Meeting (2023) | 1              |                  | \$63.00  | \$3.47     | \$66.47   |
| 7/12/2023 - 7/12/2023                  | 18243USP  | Postage: Postage to mail postcards                    | 1              |                  |          |            | \$83.16   |
|  | O         |   |                |                  |          | Sub Total: | \$146.16  |
|  |           |   |                |                  |          | Sales Tax: | \$3.47    |
|  |           |   |                | Total Transactio | ns: 2    | Total:     | \$149.63  |

SUMMARY

Advertiser No.

4454

Invoice No.

71507

Invoice Amount

\$149.63

**Amount Paid** 

\$149.63

TCN - Tri-County North TCS - Tri-County South IND - Indianhead WRN - Wild Rivers North WRS - Wild Rivers South ICL - Inter-County Leader

Please make checks payable to: ICCPA
Interest charged after 60 days; 1 1/2% per month - 18% Annual. Minimum Charge \$1.00. Return Check Fee \$30.00.
Invoices can be e-mailed! Please give us a call 715-327-4236
Thank you for doing business with ICCPA! We are glad to help with your advertising and supply needs.

Environmental Sentry Protection, LLC

PO Box #1301 Maple Grove, MN 55311 6122751440 eric59@lakesentry.net



# INVOICE

BILL TO

SHIP TO

Mud Hen Lake

54840

INVOICE # 1443

DATE 06/22/2023

DUE DATE 07/22/2023

TERMS Net 30

| ACTIVITY   | QTY         | RATE   | AMOUNT     |
|--|-------------|--------|------------|
| 2023 Operations  Service:Monthly Service Unlimited video capture/storage, website access, 500 video/month review, real-time reporting, network management, suspect AIS violation documentation to enforcement, remote system and | 6           | 270.00 | 1,620.00T  |
| camera maintenance, component repair service, training, off-site assistance.  Service:Install Onsite install of housing, replace gaskets/desiccant, test system  | 1           | 200.00 | 200.00T    |
| performance  Service:Deinstall Electronics Sleeve and Store  Remove camera and electronics from housing. Attach 5' red/white utility marker to housing and leave in place. Store electronics and charge batteries.               | 1           | 125.00 | 125.00T    |
| Service:Mileage Mileage rate for travel (30% of actual mileage) install and deinstall  | 120         | 0.75   | 90.00T     |
| Service:Labor-travel rate 1/2 labor rate for travel to site  | 1           | 50.00  | 50.00T     |
|  | SUBTOTAL    |        | 2,085.00   |
|  | TAX         |        | 0.00       |
|  | TOTAL       |        | 2,085.00   |
|  | BALANCE DUE |        | \$2,085.00 |

Environmental Sentry Protection, LLC PO Box #1301 Maple Grove, MN 55311 6122751440 eric59@lakesentry.net



# Estimate

**ADDRESS** 

SHIP TO

ESTIMATE # 1268

Mitchell Otterson Mud Hen Lake Mitchell Otterson Mud Hen Lake DATE 06/22/2023

| ACTIVITY  | QTY   | RATE   | AMOUNT   |
|---|-------|--------|----------|
| Upgrade to network equipment to use cellular connection   |       |        |          |
| 4G Modem<br>4G Modem - Refurbished E2CLink  | 1     | 100.00 | 100.00   |
| Cellular:4G Antenna / Cable<br>Taoglas 4G LTE antenna with 10' cables   | 1     | 100.00 | 100.00   |
| Service:Labor Provision new modem with Verizon and test. Modify power harness to include 5V power to modem. Install Antenna on existing mast. Test camera upload to server. | 2     | 100.00 | 200.00   |
| Existing external AP radio has failed after 15 years. Standard networking method is to use modems at all customer sites for I-LIDS  | TOTAL |        | \$400.00 |

Accepted By

connectivity. Cell service is \$55/month during 6 month season.

Accepted Date

Environmental Sentry Protection, LLC PO Box #1301 Maple Grove, MN 55311 6122751440 eric59@lakesentry.net



# Estimate

**ADDRESS** 

SHIP TO

Mud Hen Lake

54840

ESTIMATE # 1270

DATE 07/27/2023

| ACTIVITY   | QTY      | RATE   | AMOUNT     |
|--|----------|--------|------------|
| 2024 Operations Estimate   |          |        |            |
| Service:Monthly Service Unlimited video capture/storage, website access, 500 video/month review, real-time reporting, network management, suspect AIS violation documentation to enforcement, remote system and camera maintenance, component repair service, training, off-site assistance. | 6        | 270.00 | 1,620.00T  |
| Cellular:5GB month Cellular service - 5GB bandwidth per month  | 6        | 55.00  | 330.00T    |
| Service:Install Onsite install of housing, replace gaskets/desiccant, test system performance  | 1        | 200.00 | 200.00T    |
| Service:Deinstall Electronics Sleeve and Store<br>Remove camera and electronics from housing. Attach 5' red/white<br>utility marker to housing and leave in place. Store electronics and<br>charge batteries.  | 1        | 125.00 | 125.00T    |
| Service:Mileage<br>Mileage rate for travel (30% of actual mileage) install and deinstall   | 120      | 0.75   | 90.00T     |
| Service:Labor-travel rate 1/2 labor rate for travel to site  | 1        | 50.00  | 50.00T     |
| I'm including this estimate for your approval this season.   | SUBTOTAL |        | 2,415.00   |
|  | TAX      |        | 0.00       |
| Feel free to contact me if you have any questions. We look forward to working with your lake again.  | TOTAL    |        | \$2,415.00 |
|  |          |        |            |

Thanks for your business!

Eric

Environmental Sentry Protection, LLC

Accepted By

Accepted Date

Summary Report

This report summarizes I-LIDS monitoring and review activity at the boat launch for 2023.

# I-LIDS Summary Data

Date Installed
Date De-installed
Videos Captured
Videos Reviewed by ESP
Total Videos Reviewed
Launches counted
% of boat launch videos <sup>1</sup>
Suspect AIS Violations
Hours of operation
Total hours of inspection time

#### Observations:

Recommendations:

Total launches since institution in April = 273

One potential rediction -process - education

6-19-6-24 - no videos due to longweeds

Nothing remarkable in the notes reg video reviewed

-feel free to read online or in the minute when sent

out

The number of videos is always greater than the number of launches. If there is a magnetic sensor, it will trigger the camera to look for motion for 120 seconds. During this time, any activity (inspection, tie-downs, people moving, cloud movement, etc.) in front of the camera will trigger another video. Infrequently, the magnetic sensor may trigger randomly, or vehicle movement behind the sensor may set up the camera for additional video capture. If there's no magnetic sensor, the camera simply looks for sufficient motion and will capture a video.

May 2023

| Date Range<br>for Videos | Date(s) of<br>Review | Reviewer | Videos<br>Captured | Videos<br>Reviewed | Launches<br>Counted | 10162                       |
|--------------------------|----------------------|----------|--------------------|--------------------|---------------------|-----------------------------|
| 5/15 - 5/21              | 5/19, 5/21           | Andrea   | 5                  | 5                  | Counted             | (outages, excessive videos) |
| 5/22 - 5/28              | 5/22 - 5/28          | Andrea   | 312                | 312                | 7/                  |                             |
| TOTAL                    |                      |          | 017                | 312                | 76                  | Incorrect date time stamp   |
|                          |                      |          | 317                | 51/                | 77                  |                             |

# Potential Violations

| Date | Time  | Boat Desc.       | Reg/Lic.   | What was seen                     |                |
|------|-------|------------------|------------|-----------------------------------|----------------|
|      |       |                  | 1408 2210. | vynat was seen                    | 2nd review     |
| 5/28 | 14:04 | Red/white Fisher | WS 1097 NB | Long strand hangs down from motor | looks man-made |
|      |       |                  |            |                                   |                |
|      |       |                  |            |                                   |                |

| Date | Time  | What was seen? Why do we care?   |
|------|-------|--|
| 5/19 |       | Camera Installed   |
| 5/22 | 15:27 | Good view of pontoon, trailer, and registration while launching  |
| 5/25 | 17:04 | Expired registration on pontoon - unreadable   |
| 5/26 | 11:54 | IA jet ski launches  |
| 5/26 | 14:16 | Expired registration on boat - MN 2573 MA  |
| 5/27 | 12:07 | Guy bends down, making faces into the camera   |
| 5/27 | 15:48 | Man looks into camera lens   |
| 5/28 | 11:36 | FL boat launches   |
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June 2023

| Date Range<br>for Videos | Date(s) of<br>Review | Reviewer | Videos<br>Captured | Videos<br>Reviewed | Launches<br>Counted | Notes<br>(outages, excessive videos)                                 |
|--------------------------|----------------------|----------|--------------------|--------------------|---------------------|--|
| 5/29 - 6/4               | 5/29, 6/4            | Heather  | 200                | 123                | 19                  |  |
| 6/5 - 6/11               | 6/8 - 6/11           | Heather  | 144                | 132                | 4                   | Almost all videos triggered by long grass waving in front of camera. |
| 6/12 - 6/18              | 6/12 - 6/18          | Heather  | 15                 | 15                 | 0                   | Camera off until long grass is trimmed                               |
| 6/19 - 6/25              | 6/25                 | Heather  | 9                  | 9                  | 0                   | No videos 6/19 - 6/24  |
| 6/26 - 7/2               | 6/26 - 7/2           | Heather  | 371                | 371                | 55                  |  |
| TOTAL                    |                      |          | 739                | 650                | 78                  |  |

# Potential Violations

| Date | Time | Boat Desc. | Reg/Lic. | What was seen | 2nd review   |
|------|------|------------|----------|---------------|--|
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|      |      |            |          |               |  |
|      |      |            |          |               |  |

| Date   | Time   | What was seen? Why do we care?                               |
|--|--|--|
| 5/29   | 4:05   | Good view of boat, trailer, and registration while launching |
| 6/4  | 1:20   | IA boat launches   |
| 6/4  | 10:23  | IA boat launches   |
| 6/8  | 10:58  | Good view of boat, trailer, and registration while launching |
| 6/26   | 19:57  | Man and dog stop to look at camera                           |
| 6/28   | 14:40  | Kid stops to wave at camera                                  |
| 6/30   | 5:50   | Deer walks in front of camera                                |
| 6/30   | 17:24  | FL jet ski launches  |
| 7/2  | 14:33  | Inspector on site, speaking to boaters after boat retrieval. |
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July 2023

| Date Range<br>for Videos | Date(s) of<br>Review | Reviewer | Videos<br>Captured | Videos<br>Reviewed | Launches<br>Counted | Notes<br>(outages, excessive videos) |
|--------------------------|----------------------|----------|--------------------|--------------------|---------------------|--------------------------------------|
| 7/3 - 7/9                | 7/7 - 7/9            | Heather  | 422                | 171                | 27                  |                                      |
| 7/10 - 7/16              | 7/13 - 7/15          | Heather  | 384                | 165                | 22                  |                                      |
| 7/17 - 7/23 .            | 7/21 - 7/22          | Heather  | 318                | 162                | 29                  |                                      |
| 7/24 - 7/30              | 7/29 - 7/30          | Heather  | 364                | 169                | 22                  |                                      |
| TOTAL                    |                      |          | 1488               | 667                | 100                 |                                      |

# Potential Violations

| Boat Desc. Reg/Lic. What was seen 2nd review | Boat Desc. | Time | Date |
|--|------------|------|------|
|  |            |      |      |
|  |            | -    |      |
|  |            | -    |      |

| Date | Time  | What was seen? Why do we care?                               |
|------|-------|--|
| 7/7  | 7:48  | Good view of boat, trailer, and registration while launching |
| 7/8  | 14:13 | Little boy peeks into camera                                 |
| 7/9  | 18:45 | Expired registration (2018) on boat MN 9234 JU               |
| 7/13 | 7:59  | Good view of boat, trailer, and registration while launching |
| 7/15 | 8:29  | People in boat being retrieved hear audio and look at camera |
| 7/21 | 12:16 | IL boat launches   |
| 7/21 | 18:21 | IL boat launches   |
| 7/22 | 11:07 | Expired registration on pontoon MN 7941 KV                   |
| 7/29 | 5:52  | Good view of boat, trailer, and registration while launching |
| 7/29 | 18:55 | Expired registration on boat MN 9234 JU                      |
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August 2023

| Date Range<br>for Videos | Date(s) of<br>Review | Reviewer | Videos<br>Captured | Videos<br>Reviewed | Launches<br>Counted | Notes<br>(outages, excessive videos) |
|--------------------------|----------------------|----------|--------------------|--------------------|---------------------|--------------------------------------|
| 7/31 - 8/6               | 8/5 - 8/6            | Heather  | 329                | 118                | 18                  |                                      |
| 8/7 - 8/13               |                      |          |                    |                    |                     |                                      |
| 8/14 - 8/20              |                      |          |                    |                    |                     |                                      |
| 8/21 - 8/27              |                      |          |                    |                    |                     |                                      |
| 8/28 - 9/3               |                      |          |                    |                    |                     |                                      |
| TOTAL                    |                      |          |                    |                    |                     |                                      |

Potential Violations

| Date | Boat Desc.  | Reg/Lic. | What was seen | 2nd review                              |
|------|---|----------|---------------|---|
| Date |   | 8        |               | *************************************** |
|      | A ANALYSIS OF THE PROPERTY OF |          |               |   |
|      | <br>  |          |               |   |
|      |   |          |               |   |

| Date | Time  | What was seen? Why do we care?                               |
|------|-------|--|
| 8/5  | 6:03  | Good view of boat, trailer, and registration while launching |
| 8/5  | 20:52 | Boat drains after retrieval                                  |
| 8/6  | 20:06 | A flock of geese heads toward the water                      |
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July 19, 2023

Mary Sagstetter Mud Hen Lake Association Secretary

Dear Mary,

On June 28, 2023, the elevation of Mud Hen Lake was 97.1 feet based on DNR benchmark 771-D near Lindberg Park. The DNR bench is a brass cap set in a concrete post with an assumed elevation of 103.1 feet (this is a local datum). The water elevation converted to the NAVD88 datum is 969.3 feet. The historic lake level data is included in the table on page 2 in both datums.

In addition, I wanted to note that due to apparent recent construction activity near the DNR bench at the park, we included a check into the Burnett County Benchmark "MudHen Lake #1" to verify that the DNR benchmark was not disturbed. This check confirmed the DNR benchmark was undisturbed.

Sincerely,

Gregory J. Rich

Tamarac Land Surveying, LLC

715-416-0044





| DATE            | DNR DATUM LAKE ELEV. (USSVFT) | NAVD88 LAKE ELEV. (USSVF |
|-----------------|-------------------------------|--------------------------|
| June 28, 2023   | 97.1                          | 969.3                    |
| July 6, 2022    | 97.1                          | 969.3                    |
| July 23, 2021   | 97.0                          | 969.2                    |
| July 3, 2020    | 97.3                          | 969.5                    |
| July 17,2019    | 97.5                          | 969.7                    |
| July 3, 2018    | 97.7                          | 969.9                    |
| July 5, 2017    | 97.6                          | 969.8                    |
| July 5, 2016    | 97.6                          | 969.8                    |
| July 9 2015     | 98.1                          | 970.3                    |
| July 4 2014     | 97.8                          | 970.0                    |
| July 11 2013    | 97.8                          | 970.0                    |
| July 3 2012     | 97.9                          | 970.1                    |
| June 30 2011    | 97.9                          | 970.1                    |
| July 5 2010     | 97.9                          | 970.1                    |
| July 2, 2009    | 97.7                          | 969.9                    |
| July 3, 2008    | 97.9                          | 970.1                    |
| June 27, 2007   | 97.1                          | 969.3                    |
| July 25, 2006   | 98.3                          | 970.5                    |
| June 30, 2005   | 98,4                          | 970.6                    |
| July 2, 2004    | 98.0                          | 970.2                    |
| August 21, 2003 | 97.9                          | 970.1                    |
| July 11, 2002   | 98.1                          | 970.3                    |
| June 30, 2001   | 98.1                          | 970.3                    |
| July 19, 2000   | 98.4                          | 970.6                    |
| July 2, 1999    | 97.9                          | 970.1                    |
| June 30, 1998   | 97.7                          | 969.9                    |
| June 27, 1997   | 97.8                          | 970.0                    |
| July 3, 1996    | 98.4                          | 970.6                    |
| June 27, 1995   | 98.0                          | 970.2                    |
| July 1, 1994    | 98.3                          | 970.5                    |
| July 9, 1993    | 97.7                          | 969.9                    |
| July 3, 1992    | 97.8                          | 970.0                    |
| July 3, 1991    | 98.1                          | 970.3                    |
| June 29, 1990   | 97.9                          | 970.1                    |
| June 28, 1989   | 97.7                          | 969.9                    |
| July 7, 1988    | 96.9                          | 969.1                    |
| June 8, 1987    | 97.1                          | 969.3                    |
| July 1, 1986    | 97.3                          | 969.5                    |
| June 8, 1985    | 98.1                          | 970.3                    |
| July 21, 1984   | 97.6                          | 969.8                    |

Elevation data is in US Survey Feet

# Re: Mudhen Lake Questions

From: Greg Rich (tamaraclandsurveying@gmail.com)

To: mps1300@aol.com

Date: Wednesday, July 19, 2023 at 06:46 AM CDT

## Hi Mary,

When I asked Tom Swenson if he could do the field work for this he had indicated, based on observation in passing by the site, there had been some recent grading or brush removal/cleanup in the area of the benchmark and was concerned it may have been hit, and if it was, it could be an issue with future data or surveyors unknowingly using that benchmark. When we spoke on the phone I said we were concerned it may have been disturbed and the only way to check it was to re-level back into the county monument to the south. We had leveled between those 2 benchmarks when Tamarac Land Surveying took over this project years ago. The reason why we originally leveled between them was so that we could show the data in both Datums. Both datums being the local assumed DNR datum (which has historical data referenced to it) as well as the NAVD88 datum which is a national datum that all of the FEMA data and County GIS data is referenced to and a datum that will be much more useful for future use. Tom did level between the benchmarks when he did the work on June 28th and verified the DNR benchmark was not disturbed.

I attached a pdf of the updated data with the units on the table and your name in the header.

Sincerely,

Greg

Gregory J. Rich
PLS ND, SD, WI
Tamarac Land Surveying, LLC
gregrich@tamaraclandsurveying.com
701-368-8898

On Tue, Jul 18, 2023 at 10:53 PM Mary Sagstetter < mps1300@aol.com > wrote:

Hi Greg -

Thank you for the conversation today.

I appreciate this information as well.

BTW - you mentioned that the survey marker was disturbed to me and then the letter states it was not and does not mention the other marker that you said Tom took the level from.

Can you please review the attached letter and clarify? I appreciate the follow - up.

If the letter is to be edited in any way - please remove Kandice Unger's name. I will be the contact and our new chairperson is Mitchell Otterson.

Many thanks Mary Sagstetter Mud Hen Lake Secretary

On Tuesday, July 18, 2023 at 10:25:15 AM CDT, Greg Rich < tamaraclandsurveying@gmail.com > wrote:

# Mudhen Lake

From: Greg Rich (tamaraclandsurveying@gmail.com)

To: mps1300@aol.com

Date: Tuesday, July 18, 2023 at 10:25 AM CDT

## Hi Mary,

I already created pdf's of the data and Megan has it and will be sending it but after our discussion I noticed the data does not include the units it is reported in. I can see why you asked about that and how that would be confusing to non-surveyor or engineer folks so in the spreadsheet, for future outputs, I will include the unit designation in the header.

I wanted to follow up on this as it is fairly important if you have others reading elevations in inches and comparing it to decimal feet. Survey and engineering data is almost always reported in feet and decimal feet. You can convert between decimal feet and inches by multiplying or dividing by 12....12" in a foot or 12" = 1.00'

A good/easy example is 6" (inches) is half a foot (0.50'). If you divide 6" by 12 you get 0.50' or you can multiply 0.50 feet by 12 and you get 6".

Sincerely,

Greg Gregory J. Rich
PLS ND, SD, WI
Tamarac Land Surveying, LLC
gregrich@tamaraclandsurveying.com
701-368-8898

Invoice No. 2023039



# INVOICE ==

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Name

Mudhen Lake Association - Kandice Unger

Address

9703 N. Mudhen Lake Drive

City Phone Siren

State WI

ZIP 54872

| Date     | 18-Jul-23    |
|----------|--------------|
| Due Date | Upon Receipt |
| Job No.  | 2300053      |
| FOB      |              |

| Qty                        | Description  | Unit Price     | TOTAL    |
|----------------------------|--|----------------|----------|
| Qty<br>1                   | Leveling for lake level of Mudhen Lake with annual report and historic data table.   | \$300.00       | \$300.00 |
|                            |  | SUBTOTAL       | \$300.00 |
|                            |  | PAYMENTS       | \$0.00   |
|                            |  | BALANCE        | \$300.00 |
| upon receip<br>received pa | for being our customer, we appreciate your business. We expect payment of, please process this invoice to ensure timely payment. Payments ast 30 days will be charged a \$50 late payment fee plus a 2% service the current invoice outstanding balance. | For Office Use |          |

THANK YOU FOR YOUR BUSINESS!

Please Remit To:

Tamarac Land Surveying, LLC 26595 County Line Road Spooner, WI 54801

# Report of Book Audit Mudhen Lake Rehab District

| I certify that I reviewed the Treasurer's book of final | nces for the Mudhen Lake Rehab District on |
|---|--|
| 8/5/23 covering the dates of                            | 8/1/22 to 7/31/23.                         |
| Name: Deniso Idel                                       | 21-122                                     |
| Name: Williso Hall                                      | Date: $8/3/43$                             |
| Denise Fedie  | (printed)                                  |
| 4   |  |
| Name: Kny Fedie   | Date: 8/5/23                               |
| - GERRY FEBIE   | (printed)                                  |
|   |  |
| Name:   | Date:                                      |
|   | (printed)                                  |

# Re: Mudhen Open Board position

From: Mike Orlikowski (orlikowski64.5@gmail.com)

To: mps1300@aol.com

Date: Wednesday, July 5, 2023 at 07:02 PM CDT

# Hi Mary

Yes I am interested in the position.

#### Mike Orlikowski

On Wed, Jul 5, 2023, 6:59 PM Mary Sagstetter < mps1300@aol.com > wrote:

Hi Mike -

we have not received any interest in the open Board position.

Please let me know if you are still interested in continuing on in this position.

**Thanks** 

Mary Sagstetter

Mudhen Lake Secretary

| Name               | Property Owner | Already on email list | EMAIL - add or change my email |
|--------------------|----------------|-----------------------|--------------------------------|
| Cohnn Orlikowski   | 165            | Yes                   |                                |
| Drang & Dan Heintz | Z -            | yes                   |                                |
| Jan Kauson         | yes            | 5 64                  |                                |
| DOLK BREKEN        | 485            | 828                   |                                |
| Julie Schmidt      | Yes            | SS                    |                                |
| RYAN TSADER        | S              | 700                   |                                |
| VAL STRUB          | YES            | Yes                   |                                |
| JIM STRUB          | VES            | Yes                   |                                |
| CRAIL DUREN        | SK             | SA                    |                                |
| SERRY FROIR        | sah            | YES                   |                                |
| Davise Frais       | HRS            | 523                   |                                |
| Marks Deb Luzinski | 205            | Yes                   |                                |
| CHEANT WILHELM     | VES            | VES                   |                                |
| Ature I SAWAN      | 165            | SIX                   |                                |
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|  |  |  |  |  |  | ~      | Sar        | Already on email list          |
|  |  |  |  |  |  |        | マ オ        | EMAIL - add or change my email |