



# **Clam Lake PRD - Fall Report**

**October 2020**

**Rick Peterson**

**Tim Hickey**

**Anthony Snider**

**Jim Lang**

**Tom Stoffel**

# Preface

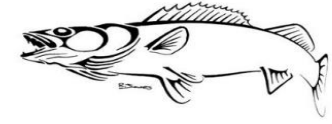
The Clam Lake PRD encourages you to take a few moments and review the information included in this presentation. There are several topics that will require discussion and decisions at our next Clam Lake PRD meeting this coming spring 2021 (time and location TBD).

Please submit your questions to [clamlake6600@gmail.com](mailto:clamlake6600@gmail.com)

Our plan is to compile and respond to your questions in the month of November. Look for further updates through our new Facebook Group, Website and Email distribution.

Enjoy the Fall!

# Clam Lake 2020 Events Update



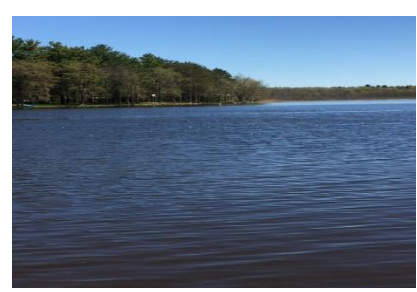
The PRD board has decided to form an official “Clam Lake Activities Committee”. This committee would be responsible for organization and coordination of lake type activities sponsored by the PRD. This is a volunteer position for 3 or 4 folks that would have an interest in this type of effort. **Please submit your name to [clamlake6600@gmail.com](mailto:clamlake6600@gmail.com) if you are interested.**

July 4<sup>th</sup> 2020 Pontoon Parade – The parade was a big success this year with 38 boats officially entering the parade (up from 24 the previous year). We want to thank everyone for their participation on the water and also the shore observers. Let’s keep growing and have an even better 2021 parade. The Schoepke/Simpson boat has taken its second consecutive 1<sup>st</sup> place. Game on everyone they are looking to threepete!!!



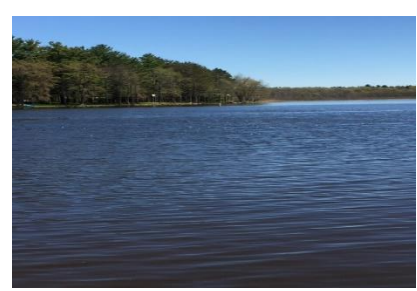
Spring Meeting – Typically held in April. We are really hoping that we can hold this meeting but will have to await the Covid-19 outcome.





# Lake Level Update – Monitoring System Intro

- The following information and additional slides will explain a proposal to purchase an automated lake level monitoring system for the management of the clam dam and its associated lake levels. This system will allow for video monitoring stations for the dam operations as well as the general public to view. This system does have advantages and is part of a greater project to someday have an automated gate management system tied into the computerized monitoring system (this is years out however).
- **Please review the following information carefully...** This proposal is asking the PRD to share in the purchase funding of this system. The cost is \$50k and the county would like to get the PRD to contribute up to \$25k for the initial purchase. We would pay this contribution to the county in 4 yearly installments. The remaining maintenance costs would all be picked up by the county year over year. **This funding decision is completely up to you all and we will be asking for your vote of “yea” or “nay” in a future communication.**
- The USGS would own, operate, and maintain all equipment and the website with the county providing assistance with gauge cleaning and other minor concerns.



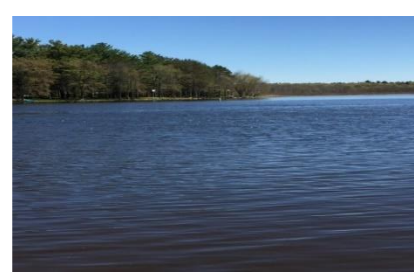
# Lake Level Update – The Issues

- The river system (and lake) fluctuate regularly and have seen significant flash flooding events, especially over the last several years.
- Homes, cabins, and other structures below the full flood elevation (as determined by factors related to their specific property) have a potential of flooding at different elevations and/or times.
- Some roads & driveways servicing these dwellings are flooded when the water level reaches 952' MSL (mean sea level).
- Many lake properties are not occupied by full-time residents, but may be seasonal at best. These property owners are unaware of water (lake) elevation changes so may not know when to adjust boat lifts and/or docks.
- Burnett County needs an efficient, accurate, and timely means of monitoring.
- The County needs a means to collect real time information necessary to alert residents – both full time and seasonal - about high water and any potential evacuation needs.



# Lake Level Update – Proposed Solution

- The goal of the proposed project is to obtain a simple, reliable, automated system that officials can use to monitor Clam Lake levels as well as monitoring the rising/falling of the water levels on the tributaries for better dam management. Since this system can be accessed remotely, officials can check current levels from wherever their physical location happens to be, ie office, field, on-the-road, etc.
- Burnett County is proposing to purchase an Automated Gauging Station to be placed at the Highway 70 bridge as well as staff gauges and cameras on the north fork, south fork, and at the dam. The system would be maintained by the USGS including a public website that would display the water elevation at the narrows. Burnett County and USGS will share the annual maintenance costs. The website would be similar to other USGS stations but would not have as many features.



# Lake Level Update – Benefits

- Allow landowners to access real time water elevation data, as it relates to the Clam Lake Narrows, from a PC or smart phone. The gauge data from the narrows on Hwy 70 would be displayed on the USGS webpage for all public to view. Elevations are downloaded to the website hourly.
- With the ability to view data from anywhere, property owners can observe lake levels to determine possible structure issues such as cabins, docks and boat lifts and whether or not they need to make adjustments.
- This would allow homeowners to know if and when any of their infrastructures, such as driveways and roads, would be flooding. A line will be displayed on the USGS webpage indicating the 952' MSL mark where roads and driveways will be impacted. Continuous year round monitoring allows the homeowners and the county to know what the lake level is at any given point.
- The proposed project will leverage existing data to provide real time monitoring and flood inundation modeling for the Clam River and Lakes. This would provide homeowners a benchmark to know what water elevation is normal for them, and when the lake is approaching an elevation that could be problematic.
- The station would show recent history to show whether rising/falling/stable.
- This, paired with BEACON (Burnett County WI Emergency Alert System), meets the FEMA requirement of an emergency notification system. This would allow the county to notify residents of flooding or any potential evacuations.
- This monitoring program will provide the county with a real-time rain gauge, and allow them to react faster to flooding events or dam issues such as debris, or any other event requiring an immediate response.
- The USGS website has the ability to “alert” county personnel or homeowners when the lake reaches a given level of concern

# Lake Operations Update



The new elevator was completed and delivered from Evergreen Equipment in Hayward. We were unable to use the elevator this year as it requires some modifications to the design for improved usage in our operations. This is a new elevator design and once the tweaks are made will be a great addition to our equipment.

Weed harvesting had some challenges this year but all in all the crew did a great job and kept the lake in good shape considering the following challenges:

- The start of cutting was delayed due to COVID-19 and the ability to obtain our permit from the DNR.
- The boat landing needed repair to fix the winter ice heaving to allow for cutter launching.
- Blue machine had a paddle go out and required repairs to be made.
- Silver machine broke 2 cutter bars. Replaced with a re-designed bar and now works much better.
- Blue machine down again with a bearing out in the drive motor. Required removal from water to make repairs.

As I stated our cutting team managed through all of these challenges and put in many hours to keep our lake in good condition.

**HUGE THANK YOU: Jim Lang – John Hagar – Tim Hickey – Gary Hermann – Bob Gideo**

You Guys ROCK!!! Thank you for all the long hours...





# Aquatic Plant Management Update

The Aquatic Plant Management Plan has been completed and was submitted to the DNR and St. Croix Tribe for approval. Further detailed information will be discussed in the Spring meeting once we have approvals back.

# Communications Update

## **\*New\*** Clam Lake PRD Facebook Private Group



The Clam Lake PRD has created a Facebook Private Group for **residents / property owners only**. The intent is to communicate, along with our Website, information important to property owners such as:

- Lake Events
- Annual Meeting
- DNR Information
- Weed Harvesting
- State and County Activities

Access Instructions:

- From your Facebook page in the search box at the top of the screen enter **Clam Lake Protection and Rehabilitation District**
- Click Join
- Once your request is approved, you'll be notified that you've become a member

*Note: Prior to approval we are verifying property ownership through the Burnett County Property Tax Search*

# Communications Update

***\*Reminder\**** Existing Clam Lake PRD Communications



**Our Website:** [clamlakeprd.com](http://clamlakeprd.com)

Information distributed through the Website is the same as our Facebook page. However the website does contain historical information such as previous annual meeting minutes and Aquatic Plant Management plans. There is also information and data about similar lakes in Northwest Wisconsin.

## Email

Along with Facebook and Website we also distribute information through email. We currently have ~110 addresses. With 450+ property owners please help get the word out to neighbors and friends. Please send additional email addresses to: [clamlake6600@gmail.com](mailto:clamlake6600@gmail.com)

# Treasurer Report - July 31, 2019 to July 31, 2020



<b><u>BALANCE FORWARD:</u></b>	<b>Checkbook Balance</b>	<b>\$ 6,298.88</b>	
	<b>Money Market Account</b>	<b>\$ 15,134.05</b>	
	<b>Edward Jones Account</b>	<b><u>\$ 44,792.04</u></b>	<b>\$66,224.97</b>
<b><u>INCOME:</u></b>	<b>Meenon Township</b>	<b>\$ 11,886.79</b>	
	<b>Siren Township</b>	<b>\$ 21,415.90</b>	
	<b>Interest Money Market</b>	<b>\$ 4.40</b>	
	<b>Interest Edward Jones</b>	<b><u>\$ 278.58</u></b>	<b>\$33,585.67</b>
<b><u>EXPENSES:</u></b>	<b>Payroll</b>	<b>\$ 11,087.78</b>	
	<b>Insurance</b>	<b>\$ 4,690.00</b>	
	<b>Maintenance and Repair</b>	<b>\$ 1,205.90</b>	
	<b>Federal &amp; State Taxes</b>	<b>\$ 2,552.67</b>	
	<b>Office</b>	<b>\$ 425.47</b>	
	<b>Harvester Rehab</b>	<b>\$ 3,221.48</b>	
	<b>Miscellaneous</b>	<b>\$ 6,636.45</b>	
	<b>Bank charges</b>	<b>\$ 135.00</b>	
	<b>New Elevator</b>	<b><u>\$ 30,950.00</u></b>	<b>\$60,844.75</b>
<b><u>ACTUAL CASH ON HAND</u></b>	<b>Checking Account</b>	<b>\$ 13,465.69</b>	
	<b>Money Market Account</b>	<b>\$ 0.00</b>	
	<b>Edward Jones Account</b>	<b><u>\$ 25,102.12</u></b>	<b>\$38,567.81</b>





**See You Next Year!!**