

Aerator Expansion Project Report: August 3, 2022

Aerator Expansion Project Members:

- Dave Averbeck – Board Treasurer / Aerator Project Lead
 - djavrbck@gmail.com
 - 414-312-2362
- Kevin Collins – Board Secretary / Aerator Project Volunteer
 - kgcopil@gmail.com
 - 708-925-2551
- Dusten Tornow – Aerator Project Volunteer
 - dtornow@gmail.com
 - 720-878-8763
- Nancy Collins – Aerator Project Volunteer
 - ncollins15335@att.net
- Dan Moran – Aerator Project Volunteer
 - moran9n1mm@gmail.com
- Dennis Batchelet – Aerator Project Volunteer
 - dbatchelet@icloud.com
 - 262-844-8193

Progress to date:

- The committee has met via virtually 3 times plus email communication
- 4 proposals for a 2nd aeration system have been received:
 - 3 were for fine bubble diffuser style systems and 1 for an aspirating type system
 - 2 included costs to rebuild the current system
 - 3 included yearly service costs
 - 2 included full installation service (except electrical). The other 2 included only installation supervision.
 - The bid for the aspirating system was found to be non-responsive as they did not provide the information required to develop an estimate for installation despite multiple phone calls and emails requesting the information.
 - Aquatic Biologists deemed to be the best supplier due to:
 - cost for new system, installation and service
 - ability to rebuild & service the existing
 - offering complete installation (less electrical work)
 - availability of local (Wausau) service.
 - Familiarity with and willingness to assist in the permitting process
- Residents were contacted to see if they would be willing to have the system located on their property. 4 responded that they would consider it:
 - Paul Everett – closest location to the “deep hole” & willing to provide an easement
 - Dan Morin
 - Dustin Tornow
 - Dennis Lanphear offered to sell his out lot for \$25,000
- 3 contractors in the Wausau area were contacted to see if they could install an aspirating type system. 1 said the project was too big, 1 said the project was too small, 1 did not respond
- Multiple other suppliers of aspirating systems were contacted without positive results

- Contacted the Board of Commissioners of Public Lands regarding financing:
 - The project would qualify for financing
 - Interest rates are currently 4.5% per year for loans up to 10 years
 - The process seems to be relatively straight forward
- Discussed permit process with Nicole Hays at the DNR.
 1. Put together plan for system and send to Chad Leanna (with copy to Nicole) for review and design approval.
 2. If design approved submit a General Structures Permit for approval.

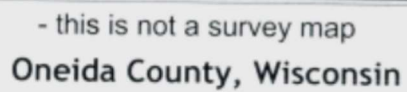
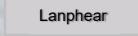
Current committee findings and recommendations:

- Aquatic Biologists should be hired to:
 - Rebuild the existing system so it should provide “as new” performance for \$5200. This has been added to the FY22/23 draft budget.
 - Perform yearly (spring) maintenance cost ranges from ~\$900 to \$1325 depending on whether the blowers need to be rebuilt. \$1325 has been added to the FY22/23 draft budget (assumes a 2nd aerator installation will not be completed this fall)
- A 2nd aerator system should be installed in 2023 using financing (and grant money if available) to avoid an excessively large onetime tax impact.
- The location should be approximately as shown on the enclosed map
- Unless a responsive aspirating aerator supplier that offers an installed price and after sales service (directly or through a 3rd party contractor) we will move forward with the Aquatic Biologists proposal for a 2nd system.
- The system should be sited on either:
 - Paul Everett’s property – closest to desired location & willing to provide a permanent easement
 - The district could buy the outlot from Dennis Lanphear

Next phase work:

Pending input and project approval from the District Members at the annual meeting the committee will move forward with the next phase of the project:

- Final decision on system type:
 - try and get a responsive bid from other suppliers of aspirating systems
 - If no supplier is found or the cost is prohibitive then use Aquatic Biologists
- Final site selection
 - Requires purchase or easement agreement depending on site selection
- Once system selection and site are finalized proceed with:
 - cost estimate for site improvements if necessary
 - cost estimate for power supply from WPS
 - electrical contractor costs
 - Start the permitting process as described above.
- Once the permit is approved
 - work with DNR to determine if grant money is available
 - work with the Board of Commissioners of Public Lands regarding financing
- After financing in place orders and begin construction



This map is courtesy of the Oneida County Land Information office and is a general sketch of areas in Oneida County. It should not be used to represent surveys of property. See original source documents for more information.