

Windigo Lake Decontamination Station Project Status Report

12/29/2024

Prepared by Barb Pjevach

Grantee: Windigo Lake Property Owners Assoc., Inc

Project number: AEPP80724

Project name: PREV - Windigo Lake Decontamination System

Project Deliverables in Grant Contract:

- 1) Completed and recorded land-use agreement with Town of Bass Lake
- 2) Installation and operation of hot water-based decontamination system
- 3) Storage shed and signage installation
- 4) Maintenance and operations schedule

Here is the project status as of 12/18/2024:

- Deliverable 1 complete: Land Use Agreement is signed and in place with the Town of Bass Lake.
- Deliverables 2 and 3 are partially complete (System will be enclosed in the shed so the 2 deliverables are integrated):
 - Pre-fabricated shed was purchased (end of season discounted purchase) and installed on base material donated by the Town of Bass Lake.
 - Interior and exterior of shed has been modified for drainage, copper piping in preparation pump system.
 - Water heaters are purchased and in place
 - Interior of shed has been modified for electrical service.
 - Electric meter socket panel installed and wired to a 200 Amp electrical service panel in shed in preparation for Xcel Energy electrical service installation. (
 - Well dug and system installed by Butterfield including water tank and iron filter. Invoice paid to Butterfield. Installation was 12/14/2024 – 12/18/2024.
 - \$600 winter work contract signed and payment made to Xcel Energy for electrical service installation.
 - Cement footings poured for cement bollards to be installed next to the system.
 - Signage plans drafted.

Key Expenditures to date:

- Pre-fabricated 10x12 shed purchased from Northwoods Outdoor with an “end of season” discount. Heavy duty steel reinforced with plywood floor: \$3999. Cost Containment method was an internet search for similar quality sheds and comparison to material cost and labor for building a custom shed.
- Well drilling, pump and water tank installed by Butterfield: \$13,648 (12/2024) Cost containment method used was solicitation of 3 bids. Butterfield was the lowest of the 3 bids. Professional Service Agreement also executed with Butterfield using WI DNR form.
- Building materials and plumbing supplies for enhancement of shed for the system. \$3297.92
- 2 hot water heaters (will be part of capitalized system) \$2220.36 for both.
- Winter work charges from Xcel: \$600
- Total spending to date = \$23,765.28

Other Notes:

- We have submitted documentation of professional and volunteer donated hours for the project. We have completed the respective forms but are not sure how it factors into the reimbursement process.
- On the grant reimbursement sheet, we included elements of the actual decontamination heaters and pumps which were planned to be capitalized. I was unsure of how to report these items so I listed them and made note.
- The pictures below are as of 12/14/2024 during the well drilling work and just prior to the completion of that work by Butterfield.

Future Plans:

- We are targeting initial usage of the system in Spring/early Summer 2025.
- Remaining key tasks are
 - Modification of the water heaters and installation of the water pump/sprayer system
 - Xcel electrical installation
 - Installation of bollards to protect system, shed and electrical service
 - Signage final design and construction/ordering
 - Camera system/internet access installation including poles
 - Update budget
- Note that we are experiencing some deviations from our estimated budget for the following:
 - 1) Needed for a drilled well instead of a sand point for higher water quality going into the system.
 - 2) Shed costs are slightly higher because instead of using donated labor to construct it, we bought a prefabricated shed.
 - 3) Xcel Energy service installation will be less than budgeted.
 - 4) We will likely not need much if any contracted labor. Our volunteers have consulted with the Fish Lake station expert who has been very generous with his time.



