

Grand Isle Consolidated Water District

Minutes of Regular Meeting March 10, 2021, 6:30pm

Board Members Present: Janine Banks, Michael Inners, Tim Olver Court Perry, Ken Mirvis

Board Members Not Present: Lynda Morgan-Gardiner, Judi Reposa

SOS Members Present: Operators Warren Steadman (SOS Operator Joe Danis was not present)

Members present: Bill Stone, Lesley Alpert, Nathan Mauser, David Banks

Janine Banks Called the meeting to order at 6:32

Additions to the Agenda:

- Vermont League of Cities and Towns Insurance – Added to new business as Insurance Claim.

Review of Meeting Minutes

- February 2021 Meeting Minutes
 - Court voted to approve, Ken seconded. All were in favor.

Questions from Members:

- Michael mentioned that he received an email question from a member who lives near the Ferry and was inquiring about the Ferry Project and Water Supply. Michael informed her of the details related to GICWD.
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Operator's Report:

- Warren presented the Operators Report
 - Power surges caused damage:
 - The Power dropout that occurred in March burned out one of the VFD Drives, requiring a replacement to be installed. Modifications had to be made to the panel to accommodate the new drive. It's assumed to be back on line by 03/11/2021. The cost is estimated to be between \$7,500 and \$8,000.
 - A second surge two days later caused the two turbidimeter controllers to fail and need replacement.
 - The "guts" of the main power breaker were replaced.
 - Crack in a raw water line.
 - Alliance Mechanical cut out and installed a new section. The plant had to be offline during this repair time.
 - Janine mentioned that the first two items mentioned were sent to our insurance and it's anticipated that they will be covered by insurance.

- Warren mentioned a few connection activities
 - An inquiry was made about connecting. Due to the 2000foot line, the owner was advised that a two-inch line should be installed to allow for friction loss. There was also some discussion about the need for a state permit that might be required for switching water source from well to town water. The owner was referred to Jay Buermann for this issue. The owner was also advised that we required the installation of a meter pit after the curbstop at the bottom of the road. Ken asked who would pay the cost of the meter pit, Warren said that the property owner would. GICWD/SOS only provides the meter.
 - Some discussion ensued about the “permit exemption form” that this property owner had acquired.
 - Bill Stone asked a question regarding “clear and simple language for the resident signing on to GICWD’s service”. Warren answered that this information can be found on our website but that SOS also discussed this information with new inquiries and their contractor..
- The Media for the Kinetico filters
 - Joe Danis is continuing to research and pursue pricing for the media. The manufacturer that Joe contacted said that we need to go through a vendor. Joe has since identified a vendor. It’s noted that the shipping is expensive. They plan and would like to order a pallets worth, which would last about 6 years, Michael asked if there was a cost estimate. Warren said that Joe would know better. SOS uses 3-4 cubic feet per year for the Kinetico Filters. Joe will email the Board with pricing.
- GME got information back from Aquastore about the heaters and mixers recommended for the tanks. The mixer and heater quote is approximately \$23k for each tank. SOS also sent a water sample from the tank on Lover’s Lane. There was a concern about the quality of the anodes. They could be replaced in 4 years when the tank is planned to be inspected again. There’s no indication of increased urgency on this. Janine asked why the anodes are being recommended to be replaced if they don’t look corroded. Warren said that they’re not serving their purpose and that they should display more corrosion than they are. Janine noted 1) why was this not noted in the inspection 5 years ago and 2) If they never were working and are still like new, why are we being charged for their replacement? If faulty or incorrect anodes were installed initially, Aquastore should be responsible. GME will be contacted for a response. Court added that we’ve asked Aquastore about the operating cost of the heater and mixer. We have not received a response on this yet.
- A four-lot development is being worked on off of Pearl Street. SOS has been contacted about planning to install a water line to connect to GICWD. The board will need to approve this connection agreement.
- Received the first connection agreement from the Raewyn Lane group. SOS is holding it until the applicant answers the questions asked by SOS.
- Another connection agreement has been approved and the meter was delivered

today (03/10/2021).

Engineer's Report:

- The engineers were not present at the meeting but emailed their report.
 - GME has conducted review of the two active projects this month. Much of this was discussed in the Operators report.

Treasurer's Report:

- Michael detailed some particular line-items from the report.
 - Maintenance costs have increased this month.
 - There have been a few successful payments by check over the phone. Credit Card payments are being explored next.
 - Michael clarified that the treasurer's report for March does not include the costs incurred from the damages mentioned during the Operators Report, since it's anticipated Insurance will cover these costs.

Old Business:

- Newsletter Progress Report
 - Ken presented his draft of the newsletter, that was emailed to the board earlier that day. Ken said that it's ready to be printed. Warren will check with Crystal about timing of printing it. This will cost a little over \$200 to print in color copy.
 - Ken asked Warren if we should provide a new photograph of the Bell Hill tank inspection. Warren said that there are other pictures that we can use.
- Revisit setup of GICWD Website (separate from town website)
 - Tim asked if we're ready to move forward with implementing the GICWD website. Tabled until April's meeting.
- Update on Active Projects
 - Lake Champlain Ferry building project: no update at this time.
 - VT-Alert System: Test performed today with Janine and Ken appears to be working as expected. The issue with the contact information document (columns distinguishing numbers) has been resolved. Some discussion ensued.
 - Piping Replacement Project: Michael noted that we've cleared all the financial requirements. We've been cleared by the bond bank. It's now awaiting a decision to be made.

New Business:

- Payment Policy: Janine asked to table until April's meeting.
- Training Courses: Janine noted that when we were going through the evaluation for the piping project it was suggested to have our board members attend training courses. Janine reached out to the contact provided. There is typically a rate setting course offered via the environmental financing network. Janine has had her name added to the list. Another training opportunity is asset management training. Janine to receive more information about these for next training sessions offered.
- Insurance Claim: The insurance claim requested following the damage caused by the power outage divulged some other questions. This has led to a request for an appraisal from the insurance. Janine and SOS to meet with insurance for their appraisal.

Meeting Adjourned at 7:42 PM. Ken moved to Accept, Tim seconded, all were in favor.

Respectfully Submitted: Tim Olver _____ Date:
_____ GICWD Clerk



SIMON OPERATION SERVICES, INC.

March 10, 2021

Ms Janine Banks
Grand Isle Consolidated Water District
Grand Isle, Vermont 05458

Dear Janine,

Enclosed please find the following reports and activities for the water treatment facility for the month of February 2021.

1. Monthly Activities Report
2. Vermont Water System Operations Report

If you have any questions regarding this information please feel free to call us at 1-802-244-7420.

Sincerely,

Joe Danis
Warren Steadman

Cc: Facility copy

143 South Main Street, Waterbury, VT 05676 1-802-244-7420

**GRAND ISLE CONSOLIDATED WATER DISTRICT
MONTHLY ACTIVITIES REPORT
FEBRUARY 2021**

A: ACTIVITIES COMPLETED

1. Two samples were taken for coliform testing. Both samples were absent. Monthly backwash data was taken and the monthly report was sent to the Watershed Management Division. The monthly Water Operations report was sent to the Drinking Water and Ground Water Protection Division.

2. Samples were taken including SOC, VOC, IOC, TC, Cyanide and Fluoride.

3. On 2/8/21 a call was received that the pipes were frozen in the house at 30 Lakeshore Blvd. The owners were away and the cellar door had blown open. The service line coming into the house was frozen. After finding the curbstop it was discovered that the operating rod had broken at the valve. Beaulac Construction was called, came and dug the valve to make repairs. The curbstop was left closed as the owner needs to make repairs to the service line.

4. DC Energy replaced the internals of the main disconnect Box. The Generator provided power to the plant as the power to the building was disconnected while the work was being done.

5. On 2/22/21 SOS responded to an alarm at the plant. The shallow well raw water pump had failed. It could not be reset so the deep well pump was started. Pioneer Electric, the distributor for the pump controller, was called. He determined that the electronic drive was dead. (a power surge had occurred) As the drive was no longer supported by the manufacturer and could not be repaired, DC Energy was called. After researching the situation it was decided to order a new drive. It is due to arrive the week of March 8. DC energy will install it.

6. On 2/24/21 another alarm was received due to another power event. The main Kinetico panel was without power. After finding a breaker

tripped and a ground fault outlet tripped, the panel was reenergized. Upon further investigation two of the three turbidity controllers were not operating. DC Energy was called to investigate the power issues and found that the power supplies to the two controllers were dead. Hach, the manufacturer, does not support these particular controllers anymore and replacement controllers are on backorder, DC Energy was able to provide a temporary power supply to the turbidimeters.

7. On 2/25/21 water was noticed on the floor between the Kinetico trains. A hairline crack was discovered in the raw water piping that feeds the filters. As a catastrophic failure could occur, the operating pressure was reduced to reduce the stress on the piping. Alliance Mechanical was called and on Friday they cut out and replaced the section of piping.

8. A Lover's Lane water sample was sent to Statewide Aquastore. They are analyzing it to determine if the anodes are working properly.

B. ACTIVITIES IN PROGRESS

1. The Source Protection Plan that is required to be reviewed every three years is being updated.

2. A source for the media for the Kinetico filters is being researched. Two possible sources are being considered. One is a direct replacement of the current Macrolite. The other is a replacement media called Ceraflow. SOS is working with the State to determine if they may be used.

3. The plans for the four lot development off Pearl Street are being reviewed by GME.

C: ACTIVITIES PLANNED OR NEEDED

1. The replacement of the West Shore Master Meter will be scheduled for this spring.

2. DC Energy will research improving control communications from Lover's Lane. Currently we don't receive a continuous signal that would allow us to use the LL tank level for control of the plant.

3. The new controller for the raw water pump will be installed when it arrives.

4. The bolts on the valves for the blowoff valves on East Shore North will be replaced later this Spring when conditions permit digging.

D: BILLINGS AND COLLECTIONS

1. Accounts receivable as of March 4, 2021 is \$33,971.00
2. No new liens were issued in January.
3. Balance of liens is \$9770.56.
4. Three Water users have used the ACH draft to pay their bills.