

# VILLAGE OF EPHRAIM

FOUNDED 1853



## Wastewater Committee Minutes Monday, November 6, 2023, 9:00 AM

**Present:** Karen McMurtry- Chair, Bruce Nelson, Jim Peterman, Dennis Jewell

**Absent:** Michael McCutcheon

**Staff:** Brad Rasmusson – Wastewater Manager/Operator in Charge, Brent Bristol-Administrator  
Andrea Collak – Clerk/Treasurer, Dan Oakley – Operator in Charge

1. **Call to order:** The meeting was called to order by Chair - McMurtry and a quorum was present for this meeting.
2. **Changes in Agenda:** None
3. **Previous minutes – Minutes from October 2, 2023**

**Peterman moved, McMurtry seconded to approve October 2, 2023, meeting minutes as presented, all eyes, and the motion carried.**

4. **Visitors' comments:** None
5. **Ephraim Wastewater Operator in Charge Report:** Rasmusson reviewed the WW, WWT, and SS OIC reports as included in the agenda packet. Wastewater duties were completed according to schedule.

September 29, Rasmusson took and passed the WW collection systems exam. Last subclass he needed as of now.

October 4, UV system removed, cleaned, and stored for the season (November – May).

October 9, delivery of 3,500 gallons of aluminum sulfate for phosphorus removal.

October 11, ammonia/arsenic test was sent out. Rasmusson ordered the new WW service vehicle.

October 19, EDMR was submitted.

October 24, the annual required sludge characteristics test was sent out.

On October 26, while performing a confined space entry into the west aeration basin to replace two broken diffusers, they found some of the brackets, that hold the main influent 10” pipe, are rotten away and in need of repair. They have a call into Lee’s Welding. Jay will be coming up next week to look at and quote.

### The month of October 2023:

There were 104 in-house bacteria tests completed, 116 water tests (905 for the year so far), and 12 clean water tests. 8 holding tank pump-outs and 7 septic pump-outs/problems. There were no emergency call-ins.

6. **Discussion and recommendation regarding UV disinfection system rebuild:**  
Rasmusson reported that the Ironbrook UV has provided us with a quote for a complete refurbishment/rebuild of the UV system. The system is 26 years old; they believe it would go another 25 years with this work completed. They would come on-site, remove, package, and ship the whole system back to their facility in Canada. They would rebuild the system and come back to reinstall it.

The UV system is in the needs assessment provided by McMahon. Tony's recommendation was to replace the system and relocate the cabinet out of the tank room.

Jamie at Ironbrook is good to work with and having a system that we know works well has always kept us within our limits of everything is operating correctly. Rasmusson thinks that having the system rebuilt would be very beneficial for the plant and would be a good start to the system upgrades. Rasmusson presented the committee with the quote of \$32,010.00 and breakdown of all parts. The money would come out of the replacement fund. The UV disinfection system will be back on May 1, 2024.

Committee members had no issues with the proposed plan.

**Peterman moved, Jewell seconded to approve the refurbishment of UV disinfection system, and pass it onto the Village Board, all ayes and the motion carried.**

7. **Visitors' comments:** None
8. **New business for the next meeting:** Updates on projects. Next steps from McMahon. The next meeting is Monday, December 4th, 2023, at 9:00 AM.
9. **Adjournment**

**McMurtry moved, Nelson seconded to adjourn the meeting, all ayes, and the motion carried.**

Recorded by,  
Andrea Collak- Clerk/Treasurer