

**COMMITTEE OF THE WHOLE MEETING MINUTES**  
**AUGUST 17, 2017**  
**6:00 PM**

1. Roll Call and Call to Order

Wood called the meeting to order at 6:00 PM. Members present: Kurt Wood, Lois Taylor, Jake Ruesgen, Kit Locke, Shirley Heffner, Jason Hilton. Kevin Sacia excused. Others present: Nilaksh Kothari, Mark Davy, Todd Lakey and Nathan Patros.

2. Approval of Minutes

Motion by Locke approve the July 20, 2017 minutes, seconded by Ruesgen. MC 6-0

3. Review of Vouchers (reviewed)

4. Great Lakes Utility Presentation - Nilaksh Kothari (reviewed handout)

The GLU handout included the following information: History of GLU and the Midcontinent Independent System Operator (MISO); Energy and Capacity markets forecasting/contracting; comparative wholesale and retail cost between GLU members and reasons why Trempealeau Utility retail costs are higher (AMI system, new substation, wind turbine generation, low load factor i.e. highly variable consumption peak vs. base commonly found in municipalities without much industry.)

5. Davy Engineering - Phosphorus Plan update

Mark Davy, provided an overview of the Preliminary Compliance Plan (attached) and options to meet the phosphorus discharge limit of 0.1 mg/L. The Final Compliance Alternative Plan, aka Facility Plan, is due July 1, 2018. Davy will pursue a Multi Discharge Variance which would allow incremental phosphorus reduction over a four year period.

6. Consideration of a Certified Survey Map for 12087 Schubert Rd. parcel 186-00560-0060 (Hilton Plumbing, LLC) (Reviewed)

7. Meeting Times and Dates

8. Future Agenda Item Requests (no action)

Request to contact Cory Feyen and notify that access to his 10 unit residential complex on Schubert Rd. cannot occur on the Village's 20 acre open space lot.

9. Adjournment

Motion by Hilton, seconded by Ruesgen. MC 6-0 8:08 PM

1. Preliminary Compliance Alternatives Plan
  - A. Submitted July 1, 2017 as required by WDNR and the WPDES Phosphorus Compliance Schedule.
  - B. Plan does not set anything in stone moving forward, but the Final Compliance Alternative Plan (aka Facility Plan) does and is due July 1, 2018.
  - C. Proceeding with developing the Final currently.
  - D. 20 Year Plan
    - a. Reviews:
      - Planning Area;
      - Existing Environmental Resources
      - Existing Collection and Treatment System
      - Flow Conditions
      - Population
      - O&M Costs
      - Financial Situation
    - b. Develops Projections for Future
2. Biological Phosphorus Removal System Start-up
  - A. Existing System that was previously used
  - B. Results
    - Good – Bio-P System is working and yielding good reduction results;
    - Bad – Likely not going to achieve the proposed limit of 0.1 mg/L
    - Bad – Ragging is a significant issue with the Anaerobic Mixer, the RAS Pumps, the Oxidation Ditch, and Disc Aerators – Recent Spike was dealing with the ragging and crust in the Oxidation Ditch, need to eliminate spikes
3. Screen of Alternative Treatment Systems
  - A. Upgrade Operating Efficiency of Existing WWTP (Biological Phosphorus Removal System)
    - Screening to achieve more consistent results and remove rags
    - Investigate Submersible Mixers vs speed control of existing Disc Aerators
    - Investigate Instrumentation for control of Oxidation Ditch
    - Investigate control of RAS Pumps
    - Possible Replacement of Airlift Pump
    - Address Supernatant from Sludge Storage Tank.
  - B. Effluent Filtration
  - C. Discharge Alternatives / Land Application
  - D. Adaptive Management (Problematic)
  - E. Water Quality Trading (Trempealeau County)
  - F. Variances
    - a. Individual Economic Variance
    - b. MDV (Achievable with a good operating and reliable Bio-P reduction system)
4. Goal – Most Economical Solution

### Village of Trempealeau, 2014-17

