

TECHNICAL STANDARDS COMMITTEE
Minutes - Monthly Meeting
WTRRF Conference Room - 700 Doty Street
Tuesday 1:30 PM, September 14, 2021

Call to Order – The meeting was called to order at 1:30 p.m.

Roll Call –Paul DeVries, Cody Schoepke, Nick Leonard, and Eric Otte. Ben Propson & Mitch Vis were also present.

Approval of August Minutes– A motion was made by Nick Leonard and seconded by Eric Otte to approve the August 2021 meeting minutes. The motion carried.

Communication Session

Reports on:

- **Correspondence Relating to the Regional Wastewater System**
◇None
- **Records Exchange – Update of Contact List**
◇None.
- **Sewer or System Improvements Anticipated, in Progress or Completed (Extensions or Rehabilitations)**
◇Paul reported the lining project still has to be bid.
◇Eric reported that the proposed sewer extension for Estabrook Estates is ready for approval by the sanitary district.
- **FP or RSAP Amendments Anticipated, in Progress or Completed**
◇None
- **Metering and Sampling**
◇Cody reported that the Luco Road flow meter, Town of Fond du Lac SD#2, has been recording negative flow data on an intermittent basis. There may be a concern with the 300 foot cable run from the meter to the transducer in the pump station. In the past the concern had been that the long run may be producing an inconsistent signal. WTRRF will investigate further to pin point the issue. Once the investigation is done, Mulcahy Shaw can determine if relocating the meter in a box pedestal, closer to the transducer, would solve the problem. They will provide an estimate for this option.
◇Third quarter OSG meter calibrations will take place next week.
◇Duke’s Root Control installed all 60 transducers in the collection system. Monitoring will now begin.
- **Clearwater Reduction Fund Status and Party Activity**
◇None
- **Receive Sewer Project Closeout Records and Shared Sewer Cost Calculations**
◇None
- **Distribute Updates to Regional Sewer Design and Constructions Standards and TGM Revisions**
◇None

Technical Session – Consent Agenda

Review as needed:

- **Review and evaluate new products and technology for incorporation into the standard specifications.**
- **Monitor the assessment, accumulation and use of the Clearwater Reduction Funds**
- **Maintain procedures and protocol for compliance with the Agreement**
- **Review and recommend proposed changes, revisions, clarifications, and amendments to the Parties regarding the Agreement and the TGM**
- **Consider and decide requests for specification waivers**
- **Prepare appropriate specification amendments**
- **Review shared sewer cost calculations for compliance with TGM procedures**
Conduct review of proposed revisions to the 2000 RSAP to identify potential regional impacts

Additional Items

- **WTRRF Operations Update – Ben Propson**
 - ◇The vacant Operator position has been filled. The new Operator will start on 9/20/21.
 - ◇The Televising and Metering Technician positions have been filled.
 - ◇The CAT biogas engine is out of service and will be removed for a complete overhaul. This is necessary due to a water pump gear break, which was tied into the cam shaft. The engine was due for an overhaul in the near future but this failure caused the overhaul to be moved up.
 - ◇The rain event on 8/24/21 produced 1.14 inches of rain in less than one hour. Flows increased from 6mgd to 21mgd. The rain event on 8/27/21 produced 1.4 inches of rain with one inch coming in 15 minutes. Flows increased from 7mgd to 36 mgd. The rain event on 9/7/21 produced .75 inches of rain in 20 minutes and flows increased from 7 mgd to 15mgd. There were no issues at the plant.
 - ◇A new YSI ortho phosphorus analyzer has been installed at the end of the aeration basins. Previous to this installation phosphorus was being measured in the plant effluent. This will allow for real time measurement of ortho phosphorus levels, a faster reaction to fluctuations, and pace the chemical feeding.
 - ◇WTRRF staff viewed three different biosolid dryer installations last week.
 - ◇The carbon source tank project is almost complete.
- **2000 Wastewater Agreement Revisions**
 - ◇Paul emailed the cost of the NE Interceptor to TSC members prior to this meeting. It was agreed to use the addition of 15% to the total cost of design and construction.
 - ◇Eric completed the population estimates for Exhibit 1 for those sanitary districts that did not supply populations.
 - ◇Nick suggested leaving the “0” populations for Taycheedah in Exhibit 1, with an explanation for the “0’s”, instead of removing them. This would be done to aid future TSC members in understanding the data.
 - ◇Paul will review population data for City connection points 6 and 7.
 - ◇Eric will review connection points 8-17. Connection points are complete from 18 on. Eric suggested leaving the North Fond du Lac population the same because they own so much additional capacity.
 - ◇R.A. Smith will update the spreadsheets for the interceptors.

◇Nick said we should move forward with the approval of the sewer agreement and have Eric continue with getting approval from the sanitary districts for the data in the exhibits.
◇A motion was made by Nick Leonard and seconded by Cody Schoepke to recommend to the OSG and City Council, approval of the Sewer Agreement with all revisions, and have the TSC continue to work on the exhibits. The motion passed.

Adjournment

◇A motion to adjourn was made by Cody Schoepke and seconded by Eric Otte. The motion passed. The meeting adjourned at 1:55 p.m.

The next meeting is scheduled for **October 19, 2021**.