

TECHNICAL STANDARDS COMMITTEE
Minutes - Monthly Meeting
WTRRF Conference Room - 700 Doty Street
Tuesday 1:30 PM, November 16, 2021

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

Roll Call – Paul DeVries, Chris Johnson, Cody Schoepke, Nick Leonard and Eric Otte.

Approval of October Minutes – A motion was made by Nick Leonard and seconded by Cody Schoepke to approve the October 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)**
◊None
- **FP or RSAP Amendments Anticipated, in Progress or Completed**
◊None
- **Metering and Sampling**
◊Cody discovered that what was previously thought to be negative flows at Luco Rd caused by a long cable run is actually inaccurate readings on the Taycheedah SD#1 flow meter. Cody met with Eric Otte on 11/15/21 at the site to discuss options. There was a flume installed that was not being used so installing a level transducer would be a good option rather than replacing the meter that is there. Cody will be getting a price on a Vega level transducer to install at this site and forward the estimate to Eric. Cody will have WTRRF personnel check into the existing conduit to determine if it's usable.
- **Clearwater Reduction Fund Status and Party Activity**
◊It was agreed that this item will be removed from the agenda effective January 2022.
- **Receive Sewer Project Closeout Records and Shared Sewer Cost Calculations**
◊None
- **Distribute Updates to Regional Sewer Design and Constructions Standards and TGM Revisions**
◊Paul reported that he will be meeting with his staff to see if there's anything that needs to be changed and will report back after they meet.

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**

◇The biogas engine should be back in service shortly after Thanksgiving.

◇Air emission testing, which is part of the WTRRF permit, will be done once the biogas engine is back in service.

◇The carbon source tank is almost complete. A flow meter still needs to be installed.

WTRRF is working on modeling with Black & Veach. All of our historical data will be entered into a model and the model will help predict when orthophosphorus spikes may occur and allow the Operators to start feeding in advance of the spike.

◇Paques will have a new anammox installation in Cedar Rapids IA, with construction to begin in 2022 or 2023. WTRRF could be selling that plant the seed material for their start-up.

◇140 soil samples were taken from farm fields where WTRRF biosolids are hauled. The testing is required by the WDNR because there is radium in the municipal water supply and that radium ends up in the biosolids. This testing is done every four years and is part of our land application permit. The samples are being analyzed in Madison. Test results are expected in six months.

- **2021 Sewer Agreement Sanitary District Approval Update**

◇Nick reported that John St. Peter will be at November 18th OSG meeting and will recommend adoption of the agreement. Nick said it's possible that obtaining signatures may take several months.

◇It was agreed by all members in attendance that the portions of the 2021 Sewer Agreement that pertain to clearwater will be followed effective in January 2022. This was agreed to because it may take several months to gain the signatures from the sanitary districts.

Exhibit #1 Update

◇Paul reported that the City will be good with the population numbers for connection points #6 and #7.

◇Eric reported that he has completed his review of the numbers and will be working on entering the data next. When he's completed that, he will email the information to the City, who will then forward it to R.A. Smith.

Adjournment

◇A motion to adjourn was made by Cody Schoepke and seconded by Eric Otte. The motion passed. The meeting adjourned at 1:50 p.m.

The next meeting is scheduled for **December 21, 2021**.