

TECHNICAL STANDARDS COMMITTEE  
Minutes - Monthly Meeting  
WTRRF Conference Room - 700 Doty Street  
Tuesday 1:30 PM, December 17, 2019

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

**Roll Call** – Present were Paul DeVries, Cody Schoepke, Ben Propson, Nick Leonard, Mitch Vis and Eric Otte. Jordan Skiff was absent and excused.

**Approval of November Minutes**– A motion was made by Nick Leonard and seconded by Cody Schoepke to approve the November 2019 meeting minutes. The motion carried.

**Communication Session**

*Reports on:*

- **Correspondence Relating to the Regional Wastewater System  
LaClare Family Creamery**
  - ◇Their discharge permit was approved by the WDNR and they began discharging on December 2, 2019.
  - ◇The flow meter and pH probe were moved to the other side of the manhole because of the low flows in the channel. The flows will need to be averaged to account for the inaccuracy prior to moving the meter. Cody has asked that LaClare control their flows more consistently to avoid slug loads or very low flows.
  - ◇During low flows, the pH probe ends up sitting out of the water. The pH probe may have to be moved so debris does not get hung up on the probe.
- **Sewer or System Improvements Anticipated, in Progress or Completed (Extensions or Rehabilitations)**
  - ◇Parker Construction is working on the Rees Street sanitary sewer and that is near completion.
  - ◇The Taycheedah lift station project has been postponed until January 2020.
  - ◇Bid opening is today for the City sewer lining project.
  - ◇Eric reported that Taycheedah SD#1 will be replacing the pumps on the Gladstone Beach lift station. The pumps are over 40 years old.
  - ◇Nick reported that Great Lakes completed their work in North Fond du Lac.
- **FP or RSAP Amendments Anticipated, in Progress or Completed**
  - ◇None
- **Metering and Sampling**
  - ◇A sampler has been set up to pull a composite sample from Calumet. This will be monitored continuously effective 1/1/20. There will be a trial period, likely one quarter, before installing a permanent meter. This is being done to try and quantify the flows from LaClare and Calumet. Calumet is aware of this.
- **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 Construction Standards and TGM Revisions**

◇Sewer specifications are being updated. The updates should be complete before the next TSC meeting. When they're complete Paul will forward to Nick & Eric.

- **Review Prior Activity**

◇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 reported that YSI performed on-site training for Operators and the WTRRF

Electrician, on the use of the new probes for the aeration basins. Maintenance, cleaning, and adjustments were covered in the training. There was no cost for the training.

◇The deadline for the WTRRF internship applications is 12/27/19. These are paid internships. More information is available on the City website.

◇Cody reported that phosphorus removal is going well. The MDV should be around \$60,000 for the last 12 months. Bio-P, the anammox system, and better carbon sources have attributed to the improvement. This has been the best year for phosphorus at the plant.

- **Struvite Sequestration**

◇A notable change in 2019 was the switch from thermophilic to mesophilic digestion. The temperature and pH were lowered as part of the digestion process. There has been no Struvite produced since making this change in August. Previously, it was necessary to clean the heat exchanges several times in a month. There was no increase in chemical use.

Sidestream phosphorus has decreased as well. Because of these changes and the benefits derived from them, the Struvite project will not occur at this time.

- **Facility Master Plan**

◇WTRRF staff met with Jacobs Engineering and Donohue & Associates to continue work on the plan. Brent Brown (Jacobs) is evaluating the watershed options for the plan. Brent will be looking at adaptive management and water quality trading. Water quality trading will not be considered for a full scale option. Water quality trading may occur during wet weather events. The data from the master plan will be evaluated and another meeting will be held in February 2020

- **Clearwater Reduction Fund – Continued Discussion from November Meeting**

This item will remain on the agenda for the January meeting.

◇Jordan had previously sent out an outline for consideration in the new agreement. That outline is what is being referred to in the following section.

◇Process Section, Item #2: Nick said the budget date of August 31 will need to be changed as sanitary districts would not have their data by the August deadline.

◇Nick will forward the outline, as presented, to John St. Peter and the OSG. He would like to get their input now so that concerns can be addressed early in the process.

◇Process Section, Item #2: Nick or Eric will request that 2020 budget amounts be submitted from each sanitary district before the February TSC meeting. This will help in determining if the 5% for improvements is feasible.

◇Exception Section: Nick asked why there needs to be a study if there is no exceedance. Why waste money on a study?

- **Questions to Think About Before Next Meeting**

◇The due date for status reports and budget amounts as outlined in Process Section, Item #2.

◇Can money spent on sewer main replacement be counted toward I/I reduction?

**Adjournment**

◇A motion to adjourn was made by Cody Schoepke and seconded by Nick Leonard. The motion passed. The meeting adjourned at 2:10 p.m. The next meeting is scheduled for January 21, 2020.