

TECHNICAL STANDARDS COMMITTEE  
Minutes - Monthly Meeting  
WTRRF Conference Room - 700 Doty Street  
Tuesday 1:30 PM, June 18, 2019

**Call to Order** – The meeting was called to order at 1:32 p.m.

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

**Approval of May Minutes**– A motion was made by Paul DeVries and seconded by Nick Leonard to approve the May 2019 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 that the contractor is finishing up with the laterals on Mc Kinley St. and when complete, will move to Marquette St.  
◊The Taycheedah Lift Station rehabilitation has not begun yet because the contractor would like to use a different type of lining that wasn't specified. Paul is having discussions with the contractor about that. The South Hickory St. station is complete.
- **FP or RSAP Amendments Anticipated, in Progress or Completed**  
◊None
- **Metering and Sampling**  
◊Nick said that the light switch has been replaced in the North Fond du Lac station.  
◊Cody reported that LaClare Family Creamery spoke with the WDNR to find out what was necessary for them to do in order to once again discharge into the Calumet sanitary system. They have low flows which are highly concentrated. Based on the flow/concentration numbers provided by LaClare, their charges would be very high. Their loadings and flows make them considered a significant industrial user, which would make them a permitted facility. Right now they plan on installing a pH stabilization system, not any pretreatment, which they may want to consider after seeing what the increased charges will be. The preliminary data that LaClare provided indicates their waste is much more concentrated than their material that they are trucking into our plant. Cody will set up a meeting with them to get more information on exactly what it is they want to do, and how to proceed.  
◊Paul reported that RA Smith is working on the exceedance charge based off of historical data. Paul will be meeting with him next week and then will invite him to the August or September TSC meeting to discuss.
- **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
- **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**
  
- **Special Quarterly Agenda Items**  
◊None

### **Additional Items**

- **WTRRF Operations Update**  
◊Ben reported that the digestion process has been changed from thermophilic/mesophilic to all mesophilic digestion. The main driver for this is Struvite control, reducing the build-up in the heat exchangers and the cleaning of those heat exchangers. The switch to mesophilic means there will be a very slight increase in digestion time. The transition has been smooth so far.  
◊Ben reported that the OSCAR system is showing good removal rates.  
◊Anammox has been producing a 90% removal rate. The blower controls are being adjusted to achieve addition cost savings on energy use and increased performance. WTRRF is in discussions with Paques regarding biomass reduction.  
◊Ben, and other City personnel attended the annual Classic Collection System in Watertown.  
◊The replacement/repair parts for the fine screens have arrived and JWC Environmental will be performing the installation in late July.
- **CMAR**  
◊Cody reported that the Compliance Maintenance Annual Report (CMAR) will be completed tomorrow and will be presented to the City Council next week for approval.
- **Struvite Sequestration Status**  
◊Cody reported that the design is about 30% complete. As part of this project, WTRRF would have been required to construct a building that would house the process equipment. The estimated cost to construct a new building was \$1,000,000. Instead, when the property located across the street from WTRRF became available (83 Harborview Dr.), WTRRF

purchased that property, which will allow for a project savings of almost \$775,000. The savings comes from using an existing WTRRF on-site building (#81) to house the process equipment for the Struvite sequestration. Equipment presently housed in Bldg. #81 will be moved to the recently purchased property at 83 Harborview Dr

- **2020 Wastewater Agreement**

- ◇Jeff Mazanec (RA Smith) still needs to provide an electronic copy of the Technical Guidance Manual.

- ◇There was discussion on how to handle industrial customer's discharge that cause problems in sanitary districts collection systems.

- ◇It was agreed that there would be two meetings. The first meeting would be TSC members and the second would be with the legal representatives for the OSG and the City.

- **Annual Meeting Date/Time/Details**

- ◇The annual OSG meeting will be held at WTRRF on September 19, 2019. Ben will request Julie Mc Mullin, from Brown & Caldwell to meet with City staff prior to the OSG meeting. Ben will send a copy of her presentation to Nick.

### **Adjournment**

- ◇A motion to adjourn was made by Nick Leonard and seconded by Cody Schoepke. The motion passed. The meeting adjourned at 2:07 p.m. The next meeting is scheduled for July 16, 2019.