

TECHNICAL STANDARDS COMMITTEE
Minutes - Monthly Meeting
WTRRF Conference Room - 700 Doty Street
Tuesday 1:30 PM, April 16, 2019

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

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

Approval of March Minutes– A motion was made by Eric Otte and seconded by Paul DeVries to approve the March 2019 meeting minutes. The motion carried.

Communication Session

Reports on:

- **Correspondence Relating to the Regional Wastewater System**
◇Cody said that there will be a meeting later this month to discuss modeling and historical data for the Facility Master Plan.
- **Records Exchange – Update of Contact List**
◇None
- **Sewer or System Improvements Anticipated, in Progress or Completed (Extensions or Rehabilitations)**
◇Eric reported that the Hawks Landing (Taycheedah) preliminary review was submitted and Eric will forward to the City when the final plan is received.
◇Mitch reported that the sanitary main for Westwood is installed and pressure tested. There are three laterals left to install.
◇Paul reported that Don E Parker Excavating began work on Grove St. yesterday.
◇Cody reported that by-passing at Milk Specialties on Tompkins Street will begin on April 29, 2019. WTRRF personnel will be averaging their flows and sampling during this period. August Winter and Sons will be installing a metering station in Tompkins Street.
- **FP or RSAP Amendments Anticipated, in Progress or Completed**
◇None
- **Metering and Sampling**
◇Mitch said Kollmann Electric is waiting on a part for the light switch that will be installed in the North Fond du Lac station.
◇Cody said flow data from the portable laser meter has been gathered from the Johnsbury station. Cody is waiting for a recommendation from the ISCO representative, as well as pricing. Cody will forward the flow data, recommendation and pricing as soon as he gets it.
◇The east side OSG quarterly sampling is being done this week and next week the west side will begin.
◇Eric said the cheese making waste from LaClare Farms is being hauled out. They are working with The Probst Group, from Milwaukee, to design a pretreatment process/system before their waste can be discharged into the collection system. Eric said eventually there will be a sampling device installed downstream from the pretreatment system. Cody said LaClare has hauled some waste to WTRRF.

- **Clearwater Reduction Fund Status and Party Activity**
 - ◊Jordan said this will be discussed during meetings to renew the Sewer Service Agreement. Jordan said the City has been consistently working on City inflow/infiltration concerns.
 - ◊Mitch said North Fond du Lac has approximately 40 manholes that are not located in pavement. An inspection in April 2019 revealed that five of these manholes were damaged.
- **Receive Sewer Project Closeout Records and Shared Sewer Cost Calculations**
 - ◊None
- **Distribute Updates to Regional Sewer Design and Constructions Standards and TGM Revisions**
 - ◊Paul will speak with Jeff Mazanec (RA Smith) to see if he has an electronic copy of the TGM.
- **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**
 - ◊Introduce New Government Officials – Alicia Hans and Dan Degner were elected to the Fond du Lac City Council, replacing Greg Giles and Catherine Block. Jordan gave them a brief update on WTRRF, OSG, the TMDL, phosphorus, and upcoming CIP projects. Chuck Horning was elected to the North Fond du Lac Village Board and Ann Price was re-elected as Trustee.
 - ◊Technical Review of Specs & New Products - None

Additional Items

- **WTRRF Operations Update**
 - ◊Ben reported that Digester #3 was cleaned out in April 2019. WTRRF personnel spent approximately 70-80 man hours to clean, label, jet and televise all of the piping. The Struvite that was removed was land applied. The digester will be back on-line within the next two weeks.
 - ◊Cody said that cleaning the digester helped with the design of the Struvite project in 2020. It was beneficial to see what the inside of the digester looked like and how much of the Struvite had precipitated out. The Struvite is problematic for the piping but not the tankage. Cody said that what was found on the bottom of the digester was not as bad as was predicted, and that was due in part to the excellent mixing that takes place and keeping the Struvite in suspension.

◇Biosolids are once again being land applied. During the winter biosolids had been going to the landfill.

◇WTRRF personnel are preparing for a visit from the WDNR on April 17, 2019. Mark Stanek and other WDNR staff will be touring the plant

- **Deammonification Status**

◇Cody said that the punch list will be gone over with the contractor at a meeting scheduled in late April or early May.

◇Cody was of the understanding that the payments would be billed to the OSG based on their contribution to each of the nutrients, instead of basing the payments on flow. For this Deammonification Project, the nutrient is ammonia. During discussions between John St. Peter and the City, John wasn't as clear on the billing method. Eric understood payment would be based on nutrient contribution. Eric will communicate with John St. Peter to confirm.

◇Cody said billing would be based on the average over the last eight years because eight years ago was when the switch from TKN to ammonia was made. Cody would like to ensure that the TSC members, John St. Peter and City staff are all in agreement that the payments will be billed based on nutrient contribution.

- **Struvite Sequestration Status**

◇The changes and modifications that would have to be made to the plant in order to proceed with Struvite harvesting proved to be too costly. The decision has been made to design a Struvite sequestration system. Strand Associates is designing for both the Airprex and NuReSys systems. The designs should be completed sometime in September and submitted to the WDNR. Once the designs are complete, a decision will be made on the system, likely this fall.

Adjournment

◇A motion to adjourn was made by Paul DeVries and seconded by Cody Schoepke. The motion passed. The meeting adjourned at 1:58 p.m. The next meeting is scheduled for May 21, 2019.