

TECHNICAL STANDARDS COMMITTEE
Minutes - Monthly Meeting
WTRRF Conference Room - 700 Doty Street
Tuesday 1:30 PM, August 20, 2019

Call to Order – The meeting was called to order at 1:35 p.m.

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

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

Communication Session

Reports on:

- **Correspondence Relating to the Regional Wastewater System**

- **LaClare Family Creamery**

- ◇Cody met with LaClare Family Creamery last week to discuss their application for a pretreatment permit. Recommendations were made for a sampling station, sampling procedure, pH monitoring and the installation of an additional manhole. The two existing manholes are not adequate for metering and sampling. LaClare was receptive to the recommendations. They have already installed a settling tank and FOG containment tank.

- ◇The City will continue to bill the Calumet Sanitary District and Calumet will bill LaClare.

- ◇Sampling that formerly took place at Luco Road will now occur at the Calumet station. The loadings from Calumet will be subtracted from Luco Road.

- ◇Eric said the Calumet Sanitary District has not determined what the surcharges will be.

- **Grease in Metering Stations**

- ◇Cody reminded everyone to stay current with maintenance of their collection systems to prevent the build-up of grease.

- **Records Exchange – Update of Contact List**

- ◇None

- **Sewer or System Improvements Anticipated, in Progress or Completed (Extensions or Rehabilitations)**

- ◇Paul said contractors are working on Marquette St.

- ◇The alternate lining proposed by the contractor for the Taycheedah lift station will not be used. The selection of the lining will be as listed in the specifications.

- ◇Mitch said Great Lakes TV and Seal should be able to complete most work in 2019 and may have to complete the balance in 2020.

- **FP or RSAP Amendments Anticipated, in Progress or Completed**

- ◇None

- **Metering and Sampling**

- ◇Cody reported that WTRRF personnel continue to find solids in the flume at the North Fond du Lac station. Nick would like to be notified the next time WTRRF samples at this location so he could perhaps obtain a sample of the solids.

- ◇Johnsburg has still not responded to emails from Cody pertaining to the data obtained from the portable laser meter. Nick would like Cody to contact him if Johnsburg does not

respond by the end of this week. Nick will then contact Brenda Schneider, whom Nick has had previous conversations with on this subject.

◇A seal has been placed under the manhole lid at Empire #3 which has slowed in inflow of water but there is still water leaking into the manhole cylinder itself. Strand Associates is still working on a cost estimate to address this issue.

- **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**
◇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**
 - ◇The influent fine screen has been rebuilt and is back in operation.
 - ◇The top end of the biogas engine has been rebuilt. This should enable the engine to last an additional 20,000 to 25,000 hours.
 - ◇Digester #2 is in the process of converting from thermophilic to mesophilic digestion.
 - ◇Conversion of aeration basin #3 to the OSCAR system will begin on August 26, 2019.
 - ◇Equipment has been moved from Bldg. #81 and relocated to 83 Harborview Dr.
 - ◇Flow spikes during rain events have taken place since production ceased at Saputo Cheese. A dye testing inspection of the roof drains took place and found none were connected to the sanitary sewer system.
- **PFAS**
 - ◇The WDNR recommended that WTRRF begin sampling/testing for Polyfluoroalkyl Substances (PFAS). WTRRF has not begun sampling as of yet. Cody would like to see an EPA approved lab method for testing before WTRRF would begin sampling.

- ◇Future concerns are that the sampling could be extended to include plant biosolids.
- **Master Plan Update**
 - ◇The next meeting with Donohue & Associates is scheduled for August 27, 2019. Topics for discussion will be near term CIP projects regarding phosphorus compliance, waste activated sludge (WAS) thickening, and peak flow treatment during rain events. Historical data from the OSG surveys will be recapped.
 - ◇A representative from Donohue & Associates will be speaking at the annual OSG meeting to provide information on the Facility Master Plan.
 - **Anammox/OSCAR System Open House – September 19, 2019**
 - ◇Central States Water Environment Association (CSWEA) Innovation and Technology committee will host a meeting at WTRRF to view the Sidestream Deammonification Process (Ovivo AnammoPAQ) and Advanced Aeration/Nutrient Control (Xylem OSCAR) on September 19, 2019.
 - ◇An open house for the public will be held earlier in the day.
 - **Jeff Mazanec – R.A. Smith – Will Discuss Clearwater Reduction Fund**
 - ◇Jeff introduced himself and presented a historical overview of the present sewer agreement.
 - ◇He also explained the existing provision of the sewer agreement that is used to identify exceedance events, how those exceedances are calculated, and the monies that would have been generated from those exceedances for the Clearwater Reduction Fund, had the existing provision been implemented.
 - ◇Concerns were expressed about the ability for the sanitary districts to pay the exceedance charge, confidence in the data that is being used to calculate the exceedance charge, what occurs if a sanitary district cannot pay the exceedance charge and the importance of reliable flow data and the monitoring of those flows by the sanitary districts.
 - ◇Jeff suggested using the process as explained today, and relay that information to the sanitary districts on a quarterly basis.
 - ◇TSC members should be prepared to discuss the following at the September 17, 2019 TSC meeting: whether to keep the existing provision in the new sewer agreement, how the exceedance will be calculated, and how the City contribution to the Clearwater Reduction Fund would be structured.
 - ◇Jeff will forward a copy of his presentation to any TSC member who would like one.

Adjournment

◇A motion to adjourn was made by Nick Leonard and seconded by Cody Schoepke. The motion passed. The meeting adjourned at 3:03 p.m. The next meeting is scheduled for September 17, 2019.