

TECHNICAL STANDARDS COMMITTEE  
Minutes - Monthly Meeting  
WTRRF Conference Room - 700 Doty Street  
Tuesday 1:30 PM, July 21, 2020

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

**Roll Call** – Present in person was Jordan Skiff, Paul DeVries, Ben Propson and Eric Otte. Present via teleconnection was Nick Leonard. Cody Schoepke was absent and excused.

**Approval of June Minutes**– A motion was made by Jordan Skiff and seconded by Paul DeVries to approve the June 2020 meeting minutes. The motion carried.

**Communication Session**

*Reports on:*

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

- ◇Eric reported that LaClare and Calumet Sanitary District are in agreement on billing methods moving forward but still disagree on how the arrearages will be calculated. The Calumet Sanitary District had not been charged for flow strength, but all along, the sanitary districts on the east side of the lake were paying more because of the flow strength from LaClare. There should be a payback to those districts that have been paying more because of the LaClare discharge.

- ◇Ben said that LaClare has been feeding a new catalyst in order to cut down on their fat, oil and grease discharge, however, elevated levels of FOG remain an issue. While there is some improvement, there needs to be more done to reduce that level.

- ◇Eric added that BOD levels are still high, even with pretreatment. This high BOD is directly related to problems with hydrogen sulfide build up. Eric would like to see those BOD levels reduced.

- ◇Ben said there have been discussions with Johnsburg about the debris building up in front of the flume, and inaccurate readings and low flows due to the oversized flume. The existing ISCO ultrasonic flow meter is no longer supported by ISCO. Brenda Schneider has looked into replacing that with a VEGA level transducer. Cody has spoken with Strand Associates and others, and has found that there has been good success with this meter. Pricing on this type of meter is less expensive than other similar meters. WTRRF has no objections to the use of this type of flow meter as long as it's accurate and reliable. There is a potential trial available with this meter. Cody & Brenda Schneider have spoken about all of this. Eric is fine with this as long as the VEGA level transducer is more accurate in reading low flows. Ben will talk to Cody as to what, if anything, Johnsburg is doing about the debris build up in the flume and relay their response to Eric.

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

- ◇None

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

- ◇Paul reported that Parker Excavating has two crews working on 11<sup>th</sup> Street.

- ◇Clearwater personnel are cleaning interceptor sewers in Doty Street and Macy Street. Ben said the Jet-Vac has removed quite a bit of debris from those lines.

◇Eric reported that the new upgrades at the lift station for Calumet are in. The final connection to the new force main will be completed in August.

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

◇None

- **Metering and Sampling**

◇None

- **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**

### **Additional Items**

- **WTRRF Operations Update**

◇Ben distributed handouts with flows from the last three rain events. The rain event on July 7 produced 1.75” of rain. Flows went from 7mgd to 37mgd. The excess flow clarifiers were used to hold the excess wastewater and their use avoided the plant having to blend. The rain event on July 9 produced 2.75” of rain. Flows increased to 68mgd and remained elevated for 21 hours, eventually lowering flows to 37mgd. It was necessary to blend. That flow remained elevated into the weekend. The rain event on July 15 produced just under 1” of rain. Flows went from 12mgd to 31mgd, with no use of excess flow clarifiers and no blending.

◇Ben asked Nick if he knew whether the NFDL storage tank was used during any of the three rain events. Nick wasn’t sure but will check. The flow meter for North Fond du Lac pegged out at the plant for almost 24 hours from July 9 to July 10.

◇The high flows caused our phosphorus level to rise for a long period of time. That increase was treated with ferric chloride. Ferric continued to be feed because some of the Bio-P organisms were washed out by the high flows. The organisms are coming back.

◇Anammox is working great.

- **Clearwater Reduction Fund – Continued Discussion from December 2019 Meeting**

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

◇There is a meeting scheduled for July 28 at 1:30 p.m. at WTRRF.

◇Prior to the meeting parties are to review the letter from John St. Peter and sanitary districts are to review their allocations.

- **R.A. Smith – Facilitator for Allocations**

◇Paul reported that R.A. Smith is fine-tuning the scope and cost of the work.

◇R.A. Smith and City personnel will perform an on-site inspection of the Luco Road pump station next week. That pump station takes in the flow from the entire east side sanitary districts. We want to see the current condition of the station since the last upgrade in 2004 and include any improvements in the cost of projected allocations. Prior to 2004 that station was the responsibility of the OSG. Results from that inspection should be available by the August TSC meeting or before.

- **Next Permit Term: MDV Qualification**

◇Strand Associates has performed preliminary evaluations and WTRRF is currently at .94 % of median household income and we need to be at 1% of MHI in order to qualify. Our next permit application will be in the fall of 2022 and that's when we need to be at 1% MHI in order to qualify for the MDV. We will get an updated MHI from the state this fall. If we do qualify then most of the CIP projects related to phosphorus compliance will be postponed.

◇Ben noted that if eligible for the MDV, it would only cover 4 of the five years of the next permit term. The MDV is approved by the state until 2027. There hasn't been any decision by the state on extending the MDV after 2027.

◇John St. Peter's office has requested user information from the sanitary districts and Cody asked John St. Peter to send out surveys similar to those that were sent out in 2017.

- **Donohue CIP Summary to OSG Executive Committee: Annual or Separate Meeting?**

◇Nick attended an OSG meeting last week and there was agreement to have this presentation at the OSG annual meeting to be held on September 17 at WTRRF. The presentation should include updates on operations, the Facility Master Plan and the CIP.

### **Adjournment**

◇A motion to adjourn was made by Eric Otte and seconded by Paul DeVries. The motion passed. The meeting adjourned at 2:10 p.m. The next meeting is scheduled for August 18, 2020.