

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

Call to Order – The meeting was called to order at 1:34 p.m.

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

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

Communication Session

Reports on:

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

- **LaClare Family Creamery**

- ◇Eric has been in contact with Gary Watry, Calumet Sanitary District, and they are still working with LaClare on the arrearage calculations.

- ◇Cody has scheduled a flow test for 4/24/20 to determine whether it's the metering equipment or the piping configuration that's causing the discrepancy in flows. A known quantity of water from a tanker truck will be discharged into a manhole upstream of the laser flow meter to see what the laser meter records. Blocking off the two feed lines to the laser man hole from LaClare guarantee no flow can be entering from their facility. If the flow is accurate, then it falls back on LaClare, if the flow is not accurate, then it falls back to Mulcahy Shaw & ISCO and their equipment.

- ◇Ben has assembled and checked all the equipment that will be used and everything is ready to go.

- ◇Cody feels all parties are on the same page in wanting to get this issue resolved.

- ◇Cody assured Nick that the cost for any labor and materials specific to LaClare is charged to LaClare as part of the Industrial Pretreatment annual billing.

- ◇All billings to LaClare are current through March.

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

- ◇None

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

- ◇Paul reported that Parker Excavating started today with sanitary sewer work.

- ◇The lining contractor discovered piping diameter smaller than the standard eight or ten inch pipe, so special order liners are needed, which will delay the May 1 planned start date by two weeks.

- ◇Nick reported that bids were opened in early April for the sanitary work which is scheduled to begin in August. David Tenor Corporation was awarded the bid.

- ◇Testing was done at the Gladstone Beach lift station. Pressure readings were taken and it was determined that larger pumps will not be required.

- ◇Eric will inform Cody in advance when the sampler needs to be moved for the Calumet lift station.

- ◇Repairs were made to leaky manholes in Fond du Lac SD#3.

◇Televising from one end of the interceptor to the other was completed in Fond du Lac SD#2.

◇Eric reported that the Village of Eden is going through facility planning for their wastewater treatment plant and has hired Applied Technologies to perform that work. They are looking for information that could help them decide on connecting to WTRRF. This would likely not be a viable option but is going to be looked at as part of the facility planning. Eden had thought about this once before in 2010.

◇Eric asked what the “buy in” cost would be should they decide to connect. Looking at section 14.2.2 of the 2000 Sewer Agreement, Erick asked who Eden would be purchasing their plant capacity from and what that cost would be. Eric would like to provide that cost to Eden.

◇The NE Interceptor cost needs to be added in to the 2000 Sewer Agreement.

◇The possibility of the Village of Eden connecting to WTRRF was not factored in the WTRRF’s Facility Master Plan because they are moving forward with their permit process and updating their facility.

◇Cody said the plant capacity design numbers from the 2008 plant upgrade can be used if they are just based on flow, but if they are based on loadings then they would need updating.

- **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 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**

Additional Items

- **WTRRF Operations Update**

◇Ben reported that Digester #2 was taken down and all the sludge pumped out. That digester was having foaming issues. The digester is now back in service.

◇Biosolids began being land applied in April.

◇Biomass in the reactor is increasing, which is a good sign and indicates a healthy microbial population. That information was shared with Ovivo and they were pleased to hear that. Jordan asked if there was a market for the surplus of biomass. Ben said that Ovivo would look into that with Paques.

◇WTRRF is in the process of filling an Operator position and will be filling an additional Operator position at the end of this month.

◇Cody reported phosphorus removal is doing well and that Bio-P is performing great, resulting in much lower chemical use. The monthly phosphorus average is .18. The OSCAR system has been a contributing factor to that success as it's doing a good job of removing ammonia and nitrates

- **Covid-19 – Adjustments/Staffing**

◇On March 25, WTRRF moved from a one shift operation to three shifts, Monday through Friday, to minimize the number of employees on site at any one time. The Administration building is FOB access only. Signage at the front door instructs vendors, shippers, or the general public to call the control center for assistance.

◇PPE and disinfection supplies have been purchased for employees and all recommended CDC practices have been implemented.

◇Only permit required lab testing is occurring at this time.

◇OSG and Industrial Pretreatment sampling is being delayed until further notice due to COVID19 distancing requirements.

◇Nick reported that North Fond du Lac Administrative offices are closed to the public, but an intercom system can be used to communicate with employees inside the building. Some employees are working from home, while others must continue to report on site.

◇Eric reported that their office is closed to the public and some employees are working from home and some employees continue to report on site. Web conferencing with clients is working well.

- **Back-Up Gen-Set Repair/Replacement**

◇Cody said that one of the back-up generators that went down in October of 2019 is finally being removed for tear down and investigation to determine the root cause of the failure. WTRRF employees discovered that some of the main bearings were spun and that further analysis was necessary.

◇Last week Fabick CAT brought mobile generators on-site to use to account for the one generator that is being torn down. Fabick will be performing the tear-down and inspection, then determine if it can be repaired or if a new generator will be needed.

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

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

◇Nick said there was no OSG meeting last month but hopes to address this at the Executive Committee meeting next month.

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

◇Paul met with Jeff Mazanec, R.A. Smith, and worked on a tentative task list to assist in updating the allocations for the renewal of the 2000 Sewer Agreement. This was emailed to all TSC members. Paul will forward all the documents he's working from to the rest of the TSC members if they would like to see them.

◇Nick thinks this is moving in the right direction. He thinks the districts need to provide Jeff with as much data as they can.

◇Software platforms used by our engineering consultants may have to change. The software is for the modeling of parts of the sanitary sewer collection system. The new software cost seems reasonable and would entail inputting some data upfront but overall maintenance of the system would be much improved.

◇Paul will continue to work with R.A. Smith to prioritize the task list. TSC members should look at the forms that are in the 2000 Sewer Agreement and update those forms as necessary.

◇Jordan asked if township growth areas should be included in task list item 6A? Paul will find out.

◇Jordan asked if Jeff should look into a situation like Eden. Paul thinks he and Cody could figure it out and not have Jeff work on that.

Adjournment

◇A motion to adjourn was made by Paul DeVries and seconded by Nick Leonard. The motion passed. The meeting adjourned at 2:30 p.m. The next meeting is scheduled for May 19, 2020.