

TECHNICAL STANDARDS COMMITTEE
Minutes - Monthly Meeting
WTRRF Conference Room - 700 Doty Street
Tuesday 1:30 PM, May 18, 2021

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

Roll Call –Paul DeVries, Cody Schoepke, Ben Propson, Nick Leonard, Mitch Vis and Eric Otte. Jeff Mazanec, Riley Stone and Brandon Foss from R.A. Smith were also present.

Approval of April Minutes– A motion was made by Nick Leonard and seconded by Cody Schoepke to approve the April 2021 meeting minutes. The motion carried.

Communication Session

Reports on:

- **Correspondence Relating to the Regional Wastewater System
LaClare Family Creamery**
 - ◇Eric reported that the agreement between Calumet and LaClare has been signed.
 - ◇LaClare has begun to make payment on the arrearages.
- **Records Exchange – Update of Contact List**
 - ◇None
- **Sewer or System Improvements Anticipated, in Progress or Completed (Extensions or Rehabilitations)**
 - ◇Eric reported that the Mary Hill Park sanitary sewer relocation project is complete. Eric needs to finalize paperwork on capacity and connection points. The manholes south of Highway 23, and immediately north of Highway 23 have been abandoned. The pipes were grouted shut.
 - ◇Paul reported that the sanitary sewer work on Carpenter St. and Star St. is complete. Work has begun on Doty St.
- **FP or RSAP Amendments Anticipated, in Progress or Completed**
 - ◇None
- **Metering and Sampling**
 - ◇Cody reported that the removal of the ISCO flow meter and installation of the VEGA is complete in Johnsborg, and is recording flow accurately. It will continue to be monitored for consistent accuracy. A training session on use of the level transducer phone app will be scheduled. Adjustments can be made by cell phone instead of having to be physically present to make any changes. The WTRRF Sampling Technician has access to the app. Eric suggested getting a list of other people who may have access to the app.
 - ◇Cody reported that second quarter sampling is complete for the west side OSG's. Sampling on the east side is beginning this week.
 - ◇Eric reported that Fond du Lac SD#3 is considering replacement of two level transducers and data loggers in metering stations that monitor the Blue Heron apartments and the new apartments on the north side of Highway 23. The sanitary district would like to move to a web based system. They have looked at ISCO meters and perhaps the VEGA meters. Eric will talk to Cody about his experience with both meter types.

◇Eric reported there is a non-functioning meter located at Forest Ave. & Pioneer Rd. at connection point 23 that will be removed for the Pioneer Rd. construction project.

- **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

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 all four final clarifiers will be taken down for cleaning and inspection. The wall coatings inside the tanks are in good shape. The bridge work is also in good shape.

◇Ben reported that the hydrogen sulfide removal system (Biorem) was cleaned out last month and is back in service. This is a biological process. Seed material was obtained from the Dane County landfill.

◇Ben reported the plant had a peak flow of 26mgd during the 1 1/4" rain event on May 4. Flows went from 8 mgd to 26mgd in 3 1/2 hours. A second clarifier was placed in service. The plant had no problems and was able to treat the entire flow.

◇Ben related that one of the seven plant Operators is leaving effective May 28. The position will be filled as soon as possible.

◇Cody reported that existing tankage will be converted to add capacity for additional carbon source. This will provide additional storage, provide more consistent Bio-P, and allow for more flexibility in the type of material that can be accepted. This should occur within the next several months.

- **2000 Wastewater Agreement Revisions**

◇Mary made the revisions that were agreed upon at the April TSC meeting and from the May 7 email comments received from Nick Leonard.

◇Discussion was had on the sanitary districts budgets. Nick said with the exception of the very small budget for Mary Hill Park, the remainder of the budgets seemed reasonable. It was agreed that the goal in budgeting is to have the sanitary districts work toward making improvements.

◇Eric and Nick would like the most current updates to the agreement emailed to them for review and comment prior to the June TSC meeting.

◇There was agreement that Clearwater Investment projects completed from 2018-2020 will be retroactively counted toward credits for the first five years of the agreement.

◇Nick suggested changing the Clearwater Investment form from Exceedance to “Annual” Exceedances

◇Cody will emphasize “future” from “completed” projects on the form.

◇Eric has a form that he’ll share with the TSC that can be used by the districts to see how their project funds are being spent, saved for the future, or may need to be replenished.

◇Prior to the meeting today, Eric, Nick and Riley met via the Teams app to update the reference document that displays connection point capacities. It was discovered that there were some transfer notes that were missing when Exhibit 2 was last updated in 2012. Riley explained the changes made to the allocations.

◇Jeff explained that the allocation calculations are support documents and intended to provide background information and to see how districts are managing with the capacity that they have. These documents are not part of the Exhibits. Jeff explained these documents illustrate districts actual usage compared to their capacity and help to forecast where they’ll be in the next 20 years. Jeff also recommended that sanitary districts keep current population numbers.

◇Paul asked if the population for Taycheedah SD#3 could be verified. There needs to be a determination on the amount of capacity and population that was transferred. Riley will update the spreadsheet with 2020 numbers, add a three year average. Nick and Eric will share this information with the districts that this involves.

◇Riley will add a current year, 20 year and 50 year plant capacity column to the new Exhibit 1. Eric and Nick will provide Riley with the updated population numbers based on land use.

◇Riley explained the connection point data spreadsheet.

◇Brandon shared information on the Luco Road Sanitary Lift Station. He discussed the remaining hydraulic capacity of the lift station, pump run time, and the mass capacity of the existing pumps and force main. Cody will provide him with a design report of the lift station, current flow data and pump information from 2017-2020. This lift station handles a lot of flow and serves a large area. Empire #3 now flows into the NE Interceptor which is additional flow into Luco Rd. and was not in the 2005 report. Brandon recommends a plan for expansion will need to occur when the lift station reaches 90% capacity.

The following items will be completed before the June 2021 TSC Meeting:

◇Paul - Update RSAP mapping.

◇Cody - Update Clearwater Investment Form

◇Nick - Attempt to have John St. Peter review and comment on the agreement.

◇Cody - Have the City Attorney review and comment on the agreement.

◇R.A. Smith - Have the revisions to Exhibit 1 completed.

◇Eric – Attempt to contact Brenda Schneider about population verification in Taycheedah SD#3.

Adjournment

◇A motion to adjourn was made by Nick Leonard and seconded by Eric Otte. The motion passed. The meeting adjourned at 3:30p.m.

The next meeting is scheduled for **June 15, 2021**.