

TECHNICAL STANDARDS COMMITTEE
Minutes - Monthly Meeting
WTRRF Conference Room - 700 Doty Street
Tuesday 1:30 PM, March 16, 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, and Mitch Vis. Eric Otte connected via phone. Jeff Mazanec from R.A. Smith was also present.

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

Communication Session

Reports on:

- **Correspondence Relating to the Regional Wastewater System
LaClare Family Creamery**
◊None
- **Records Exchange – Update of Contact List**
◊Nick will forward the contact information to Mary for the new Commissioner in Empire #1.
- **Sewer or System Improvements Anticipated, in Progress or Completed (Extensions or Rehabilitations)**
◊Eric reported that the Mary Hill Park project is scheduled to begin April 1.
◊Paul reported that Dorner was awarded the 2021 Street and Utility Projects. The start date will be April 5.
- **FP or RSAP Amendments Anticipated, in Progress or Completed**
◊None
- **Metering and Sampling**
◊Cody reported that Johnsbury will move forward with the permanent installation of the Vega Level Transducer.
◊1st quarter OSG sampling will be completed this week.
- **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

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**

◇Biorem, the hydrogen sulfide removal system, will be cleaned out next week. The sulfur that is removed gets incorporated into our biosolids and gets land applied. The sulfur is beneficial to the farmers and there is no cost to WTRRF to dispose of the sulfur.

◇The media will be changed out in the Unison system next week. This system cleans the biogas.

◇The drainage pits will be cleaned out this week. All of the drains at WTRRF drain into these pits.

◇This week WTRRF staff will be meeting with Duke's to learn more about their Inflow/Infiltration Control Program. Ben discussed this topic at the January 2021 meeting.

◇WTRRF is attempting to locate more farm land for biosolids application. This year fields are limited due to the increased sale price of corn, as farmers will be planting more corn, making those fields unavailable for biosolids application during the growing season.

◇WTRRF will be meeting with a company this week that adds peroxide to sludge, which helps with dewatering and odor.

◇A new Waste Activated Sludge (WAS) pump was installed this week.

◇Some of the YSI probes and electrodes will be changed out and calibrated.

Clearwater Reduction Fund - Continued Discussion from January Meeting

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

- **2000 Wastewater Agreement**

◇TSC members received an electronic copy of the agreement for review prior to the meeting. Comments specific to the following sections were made:

◇1.14 - Paul noted that the Intergovernmental Agreement is now known as the 2017 Cooperative Plan

◇1.22 - Eric noted that Town of Taycheedah Sanitary District #3 and Johnsbury Sanitary District need to be added.

◇1.25 - TKN was removed and Ammonia added. Ammonia (NH₃-N) has been tested for the last several years but was never included in the Pollutant Parameter.

◇10.2 - Mary included the previous amendments, dated 2/8/16 to the agreement.

◇10.3 - Mary included the previous amendments, dated 2/8/16 to the agreement.

◇10.4 - Mary included the previous amendments, dated 2/8/16 to the agreement.

◇10.7.1.1 - Nick would like the City's proposed wording changed to read "a minimum of 5% of the **total annual** "customer monthly or quarterly utility charges".

◇10.7.1.2 - Cody said once we get the budgets from the sanitary districts then the 5% and two exceedances can be examined more thoroughly. Nick says that the limit of two exceedances is low and no districts would make the criteria.

◇10.7.2 - Cody would like TSC members to review the timelines.

◇10.7.4 - What should be acceptable as inflow/infiltration efforts?

◇10.8 - Nick questioned why this section is necessary. Most everything that is done is related to prevent inflow/infiltration. Does maintenance need to be included? Cody feels that the section should remain because some districts are not performing any maintenance and clearwater funds should not be used for maintenance of their system. Paul would like to see the 2021 sanitary district budgets to see what each district has been doing for maintenance.

◇11.2 – The TSC agenda was streamlined to reflect how the meetings are actually conducted, the frequency of the meetings, and the agenda content.

◇14.2.2 – Cody included an example to be used in determining what the cost of WTRRF capacity is for connecting into a shared sewer. Paul questioned listing the numbers in the example because of the length of time it takes to amend the agreement. If those numbers would change because of a plant upgrade or ordinance change for nutrient parameters, then those numbers would need to change. Should the numbers be removed and just reference something general, like the current Sewer Use Ordinance, instead of listing the numbers?

◇16 – Is the striking of 1977 and replacing with 2000 an issue for the attorneys?

Paul noted that the goal is to have the agreement in place by October 1, 2021. Nick will get the agreement to John St. Peter and advise him of the timeline for completion. Paul would like comments from Nick and Eric one week before the April 20 TSC meeting.

Nick thinks a significant issue will be obtaining the 2021 budgets from the sanitary districts since some of the smaller districts may have less formal budget documentation. Nick will follow up with Mary Jo from John St. Peter's office to see if any of those budgets have been previously submitted. Eric said he has the 2021 budget for Calumet.

- **Interceptor Sewer – Extension Procedure**

◇Cody explained that this refers to Section 13.2, Extension Procedures, of the 2000 Wastewater Agreement and that the sanitary districts need to inform the TSC when changes made to their system will impact capacity and submit records of such.

◇Nick also suggested that the GIS mapping be updated at that point.

- **R.A. Smith Update**

◇Jeff Mazanec presented a worksheet of the Fond du Lac/OSG Connection Point Preliminary Analysis – Capacity vs. Projected 2050 Design Flow.

◇Jeff would like Eric and Riley to get together and work through the three sanitary districts, Johnsborg, Town of Taycheedah 1 & 3 that Riley referenced in his email of March 5 and March 8, 2021.

◇Discussions on the revised exceedance calculations using the 2020 and 2050 numbers for Winnebago Dr & Willow Rd, CTH T & CTH K, CTH OOO, and Van Dyne Rd.

◇Exhibit 1 of the 2021 Sewer Agreement will need to be updated to reflect current 2020 flows.

◇There was discussion on the revised capacity at connection points relative to 2050 flows.

◇Jeff will add a column “2020 Metered Flow” average and peak to the worksheet.

◇Jeff will add a column “Pipe Capacity” to the worksheet.

◇Should the 20 and 50 year projections be revised for the 2021 Sewer Agreement?

Adjournment

◇A motion to adjourn was made by Nick Leonard and seconded by Paul DeVries. The motion passed. The meeting adjourned at 3:21 p.m.

The next meeting is scheduled for **April 20, 2021**.