

TECHNICAL STANDARDS COMMITTEE  
Minutes - Monthly Meeting  
WTRRF Conference Room - 700 Doty Street  
Tuesday 1:30 PM, December 16, 2020

**Call to Order** – The meeting was called to order at 1:32 p.m.

**Roll Call** – Jordan Skiff, Paul DeVries, Cody Schoepke, Ben Propson, Nick Leonard and Eric Otte.

**Approval of November Minutes**– A motion was made by Nick Leonard and seconded by Paul DeVries to approve the November 2020 meeting minutes. The motion carried.

**Communication Session**

*Reports on:*

- **Correspondence Relating to the Regional Wastewater System**
  - LaClare Family Creamery**
    - ◇Eric reported that the parties are close to reaching an agreement on the arrearage. The new agreement between LaClare and the Calumet Sanitary District does not presently address capacity. Calumet would like to place a limit on their discharge amount and not leave it opened ended. LaClare’s discharge has continued to increase and that the sanitary district has limited capacity. This was discussed with LaClare and their legal representatives.
    - ◇Cody reported that their annual inspection was completed last week and went well. FOG levels have decreased. They are testing a new catalyst in order to reduce FOG even further.
    - ◇Cody said the laser and Signature flow meters both stopped working. The control board was replaced on the Signature and it’s now functioning properly. The laser had to be sent in for repairs.
- **Correspondence Relating to the Regional Wastewater System**
  - ◇Nick said the OSG website was down for a brief period while it transitioned over to a new host. Nick said there’s been a problem with uploading the flow data from the City. Cody will speak with the representative from the OSG website to rectify that.
- **Records Exchange – Update of Contact List**
  - ◇None
- **Sewer or System Improvements Anticipated, in Progress or Completed (Extensions or Rehabilitations)**
- **FP or RSAP Amendments Anticipated, in Progress or Completed**
  - ◇None
- **Metering and Sampling**
  - ◇Cody reported that the ISCO 4210 flow meter in Johnsburg is obsolete. It has inaccurate readings at low flows due to the size of the flume. In addition to the ISCO 4210, a laser flow meter and Vega radar transducer have been installed. All three meters have been running at the same time. The VEGA meter is registering twice what the other

meters are registering. Cody has concerns with the high flows and that further investigation needs to take place.

◇Eric said the VEGA meter costs much less than a new ISCO meter and that Johnsbury isn't interested in spending the additional money for a new ISCO meter.

- **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 reported that the clarifiers have been winterized.  
◇As of 12/4/20 biosolids are being hauled to the landfill and not being land applied.  
◇The Operator and Instrumentation Technician (Electrician) positions are still vacant. The summer Lab intern position will be advertised shortly.  
◇Cody reported that Bio-P is working great. There hasn't been a need to add chemicals for the last two months. Ortho is almost non-existent though the effluent TSS needs tweaking to meet the new phosphorus limit.  
◇Bench testing will be performed this week on poly-aluminum chloride to see how it performs in comparison to the ferric that is presently used.  
◇Cody said the new Cummins back-up generator arrived. Fabick got it up and running and discovered it needs a new oil pump. The portable generators are still on site so they are available if necessary.
- **Clearwater Reduction Fund - Continued Discussion from December 2019 Meeting**  
This item will remain on the agenda for the January meeting.

- **2000 Wastewater Agreement** - Jordan asked the TSC members to refer to his email of 12/9/20 to see his thoughts on the items listed below.

### **Proposed Timeline Discussion**

Jordan prepared a draft of the proposed timeline with a completion date of September 2021. Nick will discuss the timeline with John St. Peter this week. Nick may be able to answer some of these questions at the January 2021 TSC meeting.

### **Allocation Discussion**

- Eric wondered how allocation would be enforced if a district exceeds their design population but doesn't exceed their design flow. Paul would like to stay with the population allocation because it's a base that the WDNR uses and is the basis for the exhibits in the 2000 Sewer Agreement. Nick and Eric agreed with this.
- Jordan also reiterated that the TSC should be the body to review and approve any changes to allocations.
- Nick would like to see the flow percentage for each district as a percentage of 100% of the plant flow versus a percentage of their allocation.

### **WTRRF Design Flow Discussion**

- Cody reported that the initial plan design of 11.13 was from the 1974 plant upgrade. It was reduced from 11.13 to 9.84 in 2008 by a reviewer from the WDNR. The allocation percentages were updated based on the 9.84 in 2012 as part of Exhibit 2.
- Eric asked if there would be an increase in plant capacity for the upcoming CIP projects and Cody said there would be no increase.

### **I/I Calculations Discussion**

- Jordan spoke about an option of increasing allocations or demonstrate they can reduce I/I. Paul said that I/I would be addressed through the Clearwater Reduction Fund and Nick thought that made sense.
- It was agreed by all to keep the population allocation and the I/I issues separate.
- Jordan said the City would like to see baselines established for I/I for districts that are not presently metered.

### **Mary Hill Park Discussion**

- Paul explained the Highway 23 project as it pertains to Mary Hill Park. Exhibit #1 of the 2000 Wastewater Agreement should be updated because the connection point is changing and their flow will now go through the Luco Rd. interceptor.
- If the connection point changes then the population allocation for the northeast interceptor sewer should change too but part of the problem is that no entity wants to take ownership of a segment of sewer main that St. Mary's Springs is connected to. To transfer the sections that the Springs is connected to would mean the district would be owed money.
- The City already purchased and paid \$36,077 for 35 1/2 % of that pipe (from Highway K/Highway 23 to St. Mary's Springs) in 2000 when the Wastewater

Agreement was signed. The City still has 35 1/2% ownership in that pipe. Does the district owe the City? Paul mentioned that the City would not necessarily want money back because the pipe was abandoned, if the calculations show that it's a wash. The City takes ownership of those two sections of pipe, St. Mary's Springs stays connected, and populations between the interceptors would be transferred. Paul said that this was a possible solution and it would need to be discussed with other City staff. Eric was in agreement with the idea and will speak with Mary Hill Park to work through this and the City speak to and work with St. Mary's Springs.

Nick and Eric thanked Jordan for his service, leadership and for the time he served as a member of the Technical Standards Committee.

### **Adjournment**

◇A motion to adjourn was made by Jordan Skiff and seconded by Paul DeVries. The motion passed. The meeting adjourned at 2:42 p.m. The next meeting is scheduled for January 19, 2021.