

TECHNICAL STANDARDS COMMITTEE
Minutes - Monthly Meeting
WTRRF Conference Room - 700 Doty Street
Tuesday 1:30 PM, March 20, 2018

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

Roll Call – Present were Jordan Skiff, Paul DeVries, Autumn Fisher, and Nick Leonard. Eric Otte and Cody Schoepke were absent and excused.

Approval of February Minutes– A motion was made by Nick Leonard and seconded by Paul De Vries to approve the February 2018 meeting minutes. The motion carried.

Communication Session

Reports on:

- **Correspondence Relating to the Regional Wastewater System**
 - ◊None
- **Records Exchange – Update of Contact List**
 - ◊None
- **Sewer or System Improvements Anticipated, in Progress or Completed (Extensions or Rehabilitations)**
 - ◊Paul reported that the two linings on East Johnson Street were completed. Fond du Lac Avenue work will begin sometime in April. The annual street reconstruction program should begin in late April.
 - ◊Nick reported that televising and some spot Clearwater repairs will take place this year, as usual.
 - ◊Paul reported that a REU has been established and will be used to charge the Faith Lutheran Church for connecting to the sanitary district sewer.
- **FP or RSAP Amendments Anticipated, in Progress or Completed**
 - ◊Autumn reported that meetings were held with AECOM and Black and Veach relative to the Facility Master Plan. WTRRF will meet with CH2M to talk about watershed and adaptive management approaches as they relate to the Facility Master Plan. Autumn said that the OSG would be included throughout the process. Autumn will email Nick with a summary of the five phases of the plan and potential plan team members.
 - ◊Nick asked why Strand was not involved in the Facility Master Plan. Autumn explained that while Strand has done much work for WTRRF leading up to this point, and may be included somewhere down the line, at this time it was decided that WTRRF needed a fresh prospective.
 - ◊Autumn spoke to Mark Stanek (WDNR Basin Engineer) and he said waste load allocations could be released later this summer.
- **Metering and Sampling**
 - ◊Autumn reported that there is still sediment collecting in the North Fond du Lac station. Nick said that this area will be a focus for televising and cleaning this summer.
 - ◊Autumn met with representatives from Mulcahy Shaw. Discussions shed light on increased flows from 2016-2017 at Empire #3. Ledge Road had a decrease of 50% in flows in 2017. The meter on Luco Road has shown that the flows have dropped drastically.

Autumn has a list of each site where flows were significantly up or down. WTRRF will be working with Mulcahy Shaw on troubleshooting these issues. These issues could be flume, meter, or transducer related. Equipment upgrade recommendations will be made by WTRRF. Autumn will provide a summary of the Mulcahy Shaw findings to Nick and Eric. ◇WTRRF will be purchasing a portable laser flow meter which can be installed in the manholes and flumes.

◇Nick recognized the need for accurate flow readings, meter calibrations, and the upgrade to antiquated equipment. He also understands the importance and link of accurate flow readings and charges to the OSG.

◇Each sanitary district will pay for the upgrades to equipment in their district. Nick asked if the City could quantify what the City has spent in the past on maintenance and equipment repair charged back to the OSG. Autumn explained that until recently, this had not been recorded separately for maintenance and repair of equipment. Because the cost of flow meter replacement will be significant, Nick asked if the City could front the payment and the OSG's would repay over a 10 year period, as these flow meter replacement and repair costs will be a hardship to the smaller sanitary districts.

- **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**

Special Quarterly Agenda Item:

◇None

Additional Items

- **WTRRF Operations Update**
◇Autumn reported that changes to operations that would mimic the MDV operational plan were promising. Chemical feed pump changes for January and February have shown decreased ferric use and excellent biological phosphorus removal. Based on these results,

WTRRF can now anticipate what the MDV payment could be like. Using January and February 2018 data, a monthly MDV payment would be approximately \$12,000. The annual MDV payment could be anywhere from \$156,000 to \$260,000, based on 2,000-5,000 annual phosphorus pounds.

◇Saputo Cheese will discontinue production in mid-March but continue packing operations, with a projected closing date at the end of May 2018.

◇As part of the 2018 CIP, there will be the addition of another high strength waste tank, which is now in the design phase. The addition of this third tank will allow for the ability to feed directly to the aeration basins for Bio-P, feed the digesters for biogas production, and accommodate increased high strength waste storage. This project is being funded by WTRRF cash reserves and will be charged back to the OSG's. The estimate for the additional tank is \$550,000.

- **Deammonification Status**

◇The preconstruction meeting was held last week and the trailer should arrive the first week of April.

◇Strand Associates provided information regarding the loan payment and timeline.

◇Nick asked that the OSG loan payment due date be clarified.

- **Permit Update**

◇The new permit was approved and becomes effective April 1, 2018.

- **Phosphorus Compliance Update**

- ◇The MDV payment projections and the TMDL were covered as part of Autumn's comments during the meeting.

Adjournment

◇A motion to adjourn was made by Autumn Fisher and seconded by Nick Leonard. The motion passed. The meeting adjourned at 2:25 p.m. The next meeting is scheduled for April 17, 2018.