

TECHNICAL STANDARDS COMMITTEE  
MINUTES  
MONTHLY MEETING  
WCTS Conference Room  
700 Doty Street  
Tuesday 1:30 PM, January 19, 2016

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

**Roll Call** – Present were Jordan Skiff, Paul DeVries, Jeremy Cramer, Nick Leonard, and Eric Otte.

**Approval of December Minutes**– A motion was made by Jordan Skiff and seconded by Jeremy Cramer to approve the December 2015 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) FP or RSAP Amendments Anticipated, in Progress or Completed**
    - ◇Paul reported that Military Road would be removed from the 2016 projects. There is not enough flow data at this time, so further study is warranted. This may be added back in for 2017. A short section of 10<sup>th</sup> Street may be added in to the 2016 projects.
    - ◇Paul received authorization to purchase the pumps from Flygt for Rolling Meadows Drive.
- Metering and Sampling Clearwater Reduction Fund Status and Party Activity**
- ◇Eric reported that the Ledge Road metering station is operable and recording data. SCADA communication with the City needs to be set up.
  - ◇The goat farm now has a meter installed. Eric attended a meeting of the sanitary district. Sanitary district members expressed concern about how the billing will be calculated for the high strength waste, thinking their charges will increase because of this. Eric explained that there is a method in place to calculate the flow for the goat farm. A sampling routine and testing method needs to be established. Jeremy has offered to assist/make recommendations for those items. Sampling and testing are to begin in February. The goat farm will be billed retroactively from the date they began operation.
  - ◇Paul reported that four additional permanent flow meters are to be installed in the City's sanitary sewer system. A vendor will meet with City staff in early February to highlight features of their meter and look for a location to install and test it. One goal is to set it up so that it has simpler web/SCADA access to view the flows. Installation locations have not been decided. The existing meters in Van Dyne Road and Highway 45 South, both experiencing problems, are likely to be replaced with the new meters.
  - ◇There was lengthy discussion on the necessity of using the North Fond du Lac excess flow tank. Paul presented data collected by Strand Associates that indicated that there is increased I and I and surcharging. Nick asked Jeremy to find out how many times the meter pegged out in the last three years. Jeremy recommended keeping the tank to give relief to the City's system during high flow events.

◇Eric reported that Great Lakes televised the laterals at the Blue Heron apartments. Eric was present during the televising. The televising did not identify the cause of the I and I. Eric said there is clear water getting into the manholes but not enough to substantiate the amount of I and I that is suspected as coming from the apartment complex. The owner of the apartment complex may also turn the water off to the complex and have Great Lakes televise the laterals with the water turned off. Eric said monitoring at the metering station would continue. The owner of the apartment complex is also getting bids to regROUT and reline the manholes.

#### **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**

##### **WCTS Operations Update**

◇Jeremy reported that December 2015 had the highest recorded average daily flow for the entire year. The average daily flow was 10.2 mgd, and normal December flows average about 5 mgd. December was very wet, with four inches of rain recorded. Flows are finally starting to drop. Paul said that the west branch of the Fond du Lac River overflowed its banks during the last two weeks. There was no damage to residential properties. Paul said that the east branch of the Fond du Lac River had normal levels.

◇The cost to haul biosolids had been significantly reduced in 2015 due to more biosolids being land applied than hauled to a landfill.

◇The phosphorus analyzer and chemical feed pumps are now tied directly to SCADA, which have helped to lower chemical costs for the plant.

◇Energy costs for 2015 are not available yet. The December 2015 Alliant Energy bill has not been received as of this date.

◇The set points have been changed on the six influent pumps. Each pump was checked for the electrical status and pumping flows. It was discovered that the pumps are losing capacity due to substantial wear of the volute and impeller. The volute and impellers will be replaced in 2016.

◇No pilot studies are scheduled in 2016.

◇Phosphorus and biosolids will continue to be analyzed.

◇Nick requested a copy of the CIP that was listed in the 2016 Wastewater budget. Jordan will forward that to him. Nick would like to explain the Wastewater CIP projects to the North Fond du Lac residents as part of the proposed NFDL sewer rate increase.

- **Sewer Use Ordinance**

◇The City Council reviewed the proposed changes to the Sewer Use ordinance at the 01/13/16 meeting. A vote would take place at the next City Council meeting on 01/27/16. The proposed Sewer Use Ordinance includes regulatory changes for the incorporation of CMOM, industrial streamlining, minor language changes and the addition of ammonia surcharge instead of TKN. John St. Peter is reviewing the document for the OSG.

◇Nick asked for an update on the contract amendments. Jordan said they are being reviewed by the City Attorney.

### **Adjournment**

◇A motion to adjourn was made by Nick Leonard and seconded by Eric Otte. The motion passed. The meeting adjourned at 2:15 p.m. The next meeting is scheduled for February 16, 2016.