

TECHNICAL STANDARDS COMMITTEE
Minutes - Monthly Meeting
WTRRF Conference Room - 700 Doty Street
Tuesday 1:30 PM, January 16, 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, Cody Schoepke, Eric Otte and Nick Leonard.

Approval of December Minutes– A motion was made by Nick Leonard and seconded by Paul De Vries to approve the December 2017 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 lining of pipe from the 2017 contract will be done at East Johnson Street @ Prairie Rd.
◊2018 project design is underway.
◊Eric reported that Taycheedah SD#1 and Fond du Lac SD#2 will be pressure grouting leak points over the winter months.
◊Nick shared an experience North Fond du Lac had with deep sewer construction and the failure of 45° bends on vertical risers splitting under pressure, from gravel and road weight, causing sewer back-ups. Improper bedding may have been a contributing factor.
- **FP or RSAP Amendments Anticipated, in Progress or Completed**
◊Autumn reported that preliminary informal meetings have taken place with consultants regarding the creation of a Facility Master Plan for WTRRF. Those firms are Carollo, CH2M, Strand Associates, Donohue & Associates, and AECOM. Formal meetings will begin the week of January 29, 2018. The Facility Master Plan will address, among other issues, phosphorus compliance, solids handling, drying, excess biogas use and the potential to inject that gas back into the grid, high strength waste, plant capacity, plant loadings, and impacts and effects that plant processes have in other areas of operations. This plan will likely take 18 months to develop. Autumn also invited Eric and Nick to provide feedback during the development of the Facility Master Plan.
- **Metering and Sampling**
◊None
- **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:

- **January – Summary of Prior Year Activity**
◊Autumn reported on WTRRF projects coming up in 2018 and the Compliance Maintenance Annual Report (CMAR). Some items the CMAR looks at are overall compliance for discharge, overall financial status, the Clearwater Program and number of reported sewer back-ups, televising of sewers, water quality, and available equipment Replacement Fund monies. In 2017 WTRRF will see a deduction in points for a by-passing event.
◊Autumn offered to provide Nick & Eric with the WTRRF 2018 adopted budget.
◊Nick commented that the mapping needs to be completed. Nick will forward what he has for the sanitary districts to Paul before the end of January 2018.

Additional Items

- **WTRRF Operations Update**
◊Cody reported that the sludge line was plugged in early January with fats, oil and grease (FOG) and WTRRF had no sludge moved from the clarifiers. Lower weather temperatures and more loadings may also have attributed to the issue. This line needs to be flushed more frequently or an additional sludge line installed.
◊Cody reported that WTRRF will be more selective in the type of high strength waste that is accepted. In 2018 WTRRF will be accepting organic food waste and this will earn RIN credits for the plant.
◊Autumn said that many of the companies that are bringing WTRRF high strength waste do so because they can state that their waste is being used in a “green” manner. An additional high strength waste tank is planned for installation in 2018.
◊Cody explained the purchase of a new ChemScan in-line ortho phosphorus analyzer unit that is used to detect lower phosphorus limits. This new unit can read down to .003. The old unit could only read accurately to about .1for ortho-phosphorus.
◊Autumn corresponded with John Mayer regarding the 2017 True-Up, and what impact the closing of Saputo Cheese would have. Revenues could be down by approximately 3% in

2018 if no other industry comes into the City to replace Saputo Cheese. Nick asked if expenses would then go down proportionately. Autumn will talk to John about that. John also calculated that the Deammonification Project Clean Water Fund Loan will likely add another 3% increase.

- **Deammonification Status**

- ◊Autumn reported that bids were opened on January 9, 2018. The low bid of \$2.96 million dollars was Miron Construction. The MZ Construction bid came in at \$3.3 million dollars. Strand Associates estimated the project construction cost at \$2.8 to \$3.1 million dollars. The contract has not yet been awarded.

- **Nutrient Harvesting Evaluation Study**

- ◊This study findings were forwarded to the WDNR. Autumn reported that this topic will be discussed as part of the Facility Master Plan. The project may be placed on hold for one year, depending on the direction the Facility Master Plan takes.

- **Permit Application Update**

- ◊The draft permit has been received from the WDNR. WTRRF comments are due back to the WDNR by January 23, 2018. WTRRF will follow-up with Strand Associates on January 17, 2018. During the first two years of the permit, the total phosphorus limit would be 1 mg/L and then goes to .8 mg/L. Autumn is considering asking for the implementation of the .8 mg/L right away since WTRRF can already comfortably reach that limit, and would reduce a lot of compliance reporting that would be necessary if the interim limits would be implemented. The permit has a five year limit and goes into effect April 1, 2018 and expires March 31, 2023. The first MDV payment will be due in March 2019.

- ◊Autumn explained how the 65 % of the MDV payment must be used for watershed projects or other initiatives and 35% may be used for staffing. Autumn said the City has no say in the type of project the County undertakes, and the City does not receive any credits for the work in the watershed.

- ◊Autumn has already informed Paul Tollard, Fond du Lac County Land and Water Conservation, that the MDV payments may be lower than expected because of the proration of the first MDV payment. Autumn expects the MDV payment to be \$250,000 to \$350,000 annually. Eric suggested inviting Paul to one of the TSC monthly meetings. Jordan will extend an invitation to Paul Tollard, Fond du Lac County, to the TSC February meeting.

- **Phosphorus Compliance Update**

- ◊Autumn had no recent updates on the TMDL. WTRRF comments were submitted in November 2017.

- ◊**Master Plan Update** See FP or RSAP Amendments Anticipated, in Progress or Completed above.

- **Approach to Revise Wastewater Agreement**

- ◊Jordan mentioned the Clearwater Reduction Fund language, increasing the televising of the interceptor sewers, and that the OSG understands and will be comfortable with any increase in charges that come as a result to changes in that language.

- ◊Paul mentioned the re-allocation of capacity as it relates to the growth of the City and sanitary districts for the next 20 years.

- ◊Autumn said that some of the capacity questions may be answered as part of the Facility Master Plan.

- ◊Paul would like to begin placing specific items of discussion on each monthly TSC agenda.

- ◊Nick will speak with John St. Peter this week to get his ideas on how the revision process should unfold. Nick wondered whether there should be amendments made to the Sewer

Service Agreement or re-negotiate the entire thing. Nick said John St. Peter has a list of items that the OSG would like to discuss as they relate to the Sewer Service Agreement.

Adjournment

◇A motion to adjourn was made by Paul De Vries and seconded by Autumn Fisher. The motion passed. The meeting adjourned at 2:35 p.m. The next meeting is scheduled for February 20, 2018.