

TECHNICAL STANDARDS COMMITTEE
Minutes - Monthly Meeting
WTRRF Conference Room - 700 Doty Street
Tuesday 1:30 PM, June 19, 2018

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

Roll Call – Present were Jordan Skiff, Paul DeVries, Nick Leonard, and Cody Schoepke Eric Otte was absent and excused. Mitch Vis (Village of North Fond du Lac) was also present.

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

Communication Session

Reports on:

- **Correspondence Relating to the Regional Wastewater System**

- ◊Nick Leonard is now the North Fond du Lac Village Administrator and will continue to serve on the Technical Standards Committee. His colleague, Mitch Vis, Project Coordinator for the Village of North Fond du Lac, may serve in Nick's absence and/or may attend these meetings as requested by Nick.

- **Records Exchange – Update of Contact List**

- ◊The contact list has been updated to remove Chuck Hornung as North Fond du Lac Village Administrator and replaced with Nick Leonard. Mitch Vis will be included in the distribution list for all TSC matters.

- **Sewer or System Improvements Anticipated, in Progress or Completed (Extensions or Rehabilitations)**

- ◊Parker Construction is delayed and will not be starting until June 26, 2018. They'll begin with work on East First Street. Immel Construction has been sub-contracted to do the work on Elm Tree Lane, and will start next week.

- ◊Some paving work along the Dutch Gap, related to sanitary sewer work, was awarded to Northeast Asphalt. Wood Sewer will be doing the excavating on this project.

- ◊Eric Otte relayed the following by email: Taycheedah Sanitary District #1 completed a pressure grouting project this spring that had been bid out last fall. The Town of Fond du Lac Sanitary District #1 completed a pressure grouting project this spring that had also been bid out last fall. Taycheedah Sanitary District #3, Fond du Lac Sanitary District #2 & Sanitary District #3 are participating in a televising project this year. Green Bay Pipe and TV was the low bidder. JE Arthur & Associates will be performing a manhole survey for portions of Fond du Lac Sanitary District #3 and all of Fond du Lac Sanitary District #2 to assess for inflow and infiltration. JE Arthur met with Schenk & Associates to discuss LaClare Farm's billing formula. Their findings will be presented to the Calumet Sanitary District in July. The billing formula will be formalized into an agreement between the Calumet Sanitary District and La Clare Farms. LaClare Farms has been making payments to the district for the period of time that that they had been underpaying.

◇Nick stated that Mitch has contacted Great Lakes TV Seal for a quotation to televise the North Fond du Lac station. Cody added that there was no sediment found in the flume when checked last month by WTRRF personnel.

◇Paul said that pipe lining projects have not been selected at this time.

- **FP or RSAP Amendments Anticipated, in Progress or Completed**

◇None

- **Metering and Sampling**

◇Paul noted that training on the Flowlink software will begin soon.

◇Cody requested station drawings for the metering stations located in the OSG. WTRRF personnel can then determine where flows come from and where the pipes and manholes are located. This will assist in troubleshooting, should the need arise. Nick asked that Cody direct that request to Eric.

- **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**

◇Paul is doing some research into the use of rubber riser rings versus plastic. Dick Flynn (Director of Operations, Construction & Maintenance) said he has had success using these in the past.

- **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**

◇Ben Propson has been hired as the Assistant Superintendent at WTRRF.

◇The 2017 Annual Summary was distributed on June 17, 2018 with the Action Advertiser and also placed on the WTRRF website. An electronic copy will be emailed to John St. Peter.

◇WTRRF will be using the OSCAR system, an ammonia based aeration control system where air flow is based off ammonia concentrations, instead of a set-point. This will result in less use of the blowers in the aeration basins, which currently is the largest energy using system in the plant. This will also help with Bio-P (biological phosphorus) removal. All probes will be upgraded; ammonia, dissolved oxygen, ortho-phosphorus, total suspended solids, nitrate and nitrite. The probes have been used in a trial period over the last eight months and have been working well.

◇Both the hydrogen-sulfide and siloxane removal systems have undergone their annual cleaning. The by-product of the hydrogen-sulfide removal system is elemental sulfur. In the past, WTRRF paid to dispose of this by-product. Now this is spread across the biosolids and then the biosolids are land applied by local farmers, eliminating the cost of disposal.

- **Deammonification Status**

◇The project is on schedule. The reactor will be seeded in November. Miron Construction just poured the floors and walls for the reactor tank that will hold the centrate.

- **Phosphorus Compliance Update**

◇The MDV (Multi-Discharger Variance), which is a payment that WTRRF makes for each pound of phosphorus discharged over .2 mg/L, has averaged \$19,000 per month. Year to date, WTRRF has paid \$103,000. We anticipate an annual payment of \$225,000. Average phosphorus has been .34 to .4.

◇The City has a meeting with the WDNR on June 28, 2018 at 11:00 a.m., in Oshkosh, WI. City engineering consultants for storm water and wastewater will also be in attendance. The City has questions regarding the response from WDNR about their modeling results. They would also like to get preliminary numbers from the WDNR for the waste load allocations prior to the issuance of the TMDL. There is a public meeting on July 11, 2018 for all stakeholders.

◇Paul Tollard made a presentation to the OSG and provided information to them regarding the MDV and watershed. Attendees found the information very useful.

- **Facility Master Plan Update**

◇At a strategic direction meeting with Donohue and Associates it was decided that Leon Downing from Black & Veach, and Brent Brown from Jacobs Engineering will be part of the team. Leon will be doing the WTRRF plant modeling and Brent will be working on the watershed. Information from the meeting, along with WTRRF staff input, was formulated into a procedural plan, which includes involving the OSG in this process, looking at the cost allocations, and evaluating the entire collection system. There will also be meetings with all of the industries to discuss their present and future operational plans.

- **Sewer Service Area Update (Mary had this listed incorrectly on the agenda as “Sewer Service Agreement”)**

◇Paul met with staff from City Planning and reviewed the Sewer Service Area map and has revisions for Joe Huffman, East Central Wisconsin Regional Planning Commission. (ECWRPC).

◇Nick said Joe had also met with members of the OSG late in 2017. Nick gave him their map and Joe gave Nick some feedback and said they will be meeting again in 2018.

- **Financing OSG Portion of Capital Projects Update**

◇Jordan and City staff met with John St. Peter on June 19, 2018 to talk about the method that will be used to allocate the costs for the High Strength Waste Tank and the

Deammonification Project. There will be another meeting on July 19th, 2018. Cody will be available to answer technical project questions at that meeting.

◇John St. Peter will address the OSG Executive Committee as to handling projects that aren't financially multi-million dollar projects. Jordan used the HSW Tank as an example, \$500,000, and how in the future, that cost may be rolled into operational expenses and the districts would see that as part of their annual payment, and reflected in the True-Up.

◇A longer term payment schedule, such as five or ten year was also discussed.

◇The Clean Water Fund Loan, which was used for the Deammonification project, has payback beginning in May 2019.

◇The City will notify the OSG approximately February 2019 of the annamox amount due and the True-Up amount due.

◇Nick asked if the due dates for both payments could be the same, for simplicity reasons. Jordan will talk to Comptroller's about this and Nick will talk to John St. Peter.

Adjournment

◇A motion to adjourn was made by Cody Schoepke and seconded by Nick Leonard. The motion passed. The meeting adjourned at 2:15 p.m. The next meeting is scheduled for July 17, 2018.