

TECHNICAL STANDARDS COMMITTEE
MINUTES
MONTHLY MEETING
WCTS Conference Room
700 Doty Street
Tuesday 1:30 PM, March 17, 2015

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 Ron Cunzenheim.

Approval of February Minutes– A motion was made by Ron Cunzenheim and seconded by Paul DeVries to approve the February 2015 meeting minutes. The motion carried.

Communication Session

Reports on:

- **Correspondence Relating to the Regional Wastewater System**
◊Ron received a list of chemical additions from the Town of Friendship and gave a copy of it to Jeremy.
- **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**
◊Insituform began the sewer-lining project today. Great Lakes Sewer will be performing the cleaning/grouting. John Giese will be performing the spot excavations. The lining project should start about the second week in April. Approximately 7,000 feet of sewer will be lined.
◊Bids will be opened on March 26, 2015 for the annual street reconstruction projects.
◊Strand Associates completed the flow data from 2014.
◊VisuSewer will be cleaning the sewer main on Macy Street between Rees Street and Western Avenue.
- **Metering and Sampling Clearwater Reduction Fund Status and Party Activity**
◊Ron reported that the bid cost for televising sanitary district sewer main would be around 44 cents per foot for cleaning and 40-43 cents per foot for televising, depending on the district. Approximately 22 miles of sewer main will be televised. Green Bay Pipe and TV Inc. will be performing the work.
- **Receive Sewer Project Closeout Records and Shared Sewer Cost Calculations**
◊None
- **Distribute Updates to Regional Sewer Design and Constructions Standards and TGM Revisions**
◊Paul is working on the final comparison of the specifications.

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

- **TMDL Update**

◇Jeremy and Jordan spoke with a group from the Town of Ashford. The Sand County Conservation Group is looking to set up a pay for performance incentive for farmers, whereby, if run off is reduced, then money may be available to help assist with costs incurred to reduce the run off. They are also staying in communication with the USGS and City of Oshkosh on Lake Winnebago modeling.

◇Jordan and Jeremy are meeting with the DNR on March 19, 2015 to discuss getting volunteers trained and equipped to sample water in nearby streams and rivers.

◇Jordan met with Paul Tollard and Dan Hanks from Fond du Lac County, to talk to farmers and shoreline property owners about shoreland zoning, pending changes that may affect shoreland landowners, and cost sharing, to decrease run off and improve water quality. Jordan talked about the City storm sewer system and wastewater treatment plant and how the TMDL limits will affect all parties, and about forming rural partnerships in meeting some of those limits. During the meeting, Paul Tollard emphasized that this is a community issue.

◇ There were many OSG members in the audience at the meeting with Paul Tollard and Dan Hanks. These members expressed an interest in staying informed on these issues. Jeremy thought it may be helpful to provide information to other OSG members on the legacy phosphorus and other relevant issues. Nick suggested the City present this information at the annual OSG meeting in September.

◇There was interest expressed by attendees in getting information about what goes on at the Technical Standard Committee meetings and at the Fond du Lac Regional Wastewater Treatment Facility. Nick informed Jordan that the meeting minutes are posted on the OSG website and can be found at fdlog.com.

◇Jordan spoke about the storm sewer system and looking for rural partners to help us achieve the TMDL limits. Trading credits may be an option.

◇Jordan said that Adaptive Management allows a wastewater treatment plant to work with a MS4 (Municipal Separate Storm Sewer System) to make improvements but wasn't certain that a MS4 could use adaptive management to meet its limits. Jeremy would like to focus on a small area to demonstrate results. Nick suggested using the Moser Creek watershed and Ron suggested using the Denevue Creek or the Mc Dermott Creek.

Jeremy asked how OSG members would react to the wastewater treatment plant spending money in the rural community to collaborate with farmers in order to reduce phosphorus

rather than spending money for a plant upgrade. Both Nick and Ron think the OSG members would be receptive to an idea that would be less costly than a plant upgrade.

◇Jeremy will speak to Greg Olsen, from the Sand County Foundation, on March 20, 2015. Jeremy will be giving him a tour of the Fond du Lac Regional Wastewater Treatment Facility. Greg is the liaison between municipalities and the agricultural community and pay for performance issues. In time, there will be an outreach program with rural communities.

◇Paul recommended that City storm water staff meet monthly with City wastewater staff to discuss TMDL and I & I, and the impact these will have on future wastewater limits.

- **LaClare Farms** – Ron reported that has been no additional testing since last month.

- **I and I Reduction Fund/Excess Flow**

◇Jordan, Jeremy and Paul will meet at the North Fond du Lac tank on March 18, 2015 to see if the tank could be used for extra storage capacity to reduce the I & I surge that the plant experiences after a storm event.

◇City staff met with the City Clearwater inspectors to discuss decreasing I & I. Jordan asked if the OSG has any program to identify illegal sanitary sewer connections. Nick said he gave a presentation on this in 2014 at the OSG annual meeting. Ron said the Town of Friendship conducted an inspection of all homes in their sanitary district.

Taycheedah #1 has inspected all homes in their sanitary district. Taycheedah #3 is just starting to do home inspections. Fond du Lac #3 has done inspections in their sanitary district. Ron will get the results of these inspections for the TSC. Nick said the Village of North Fond du Lac said they do some inspections at the time that water meters are inspected but have no formal system in place for clearwater inspections. The City of Fond du Lac does have a formal program for clearwater inspections.

◇Jordan stated that manholes in ditches that are not sealed or have covers off are a huge contributor to I & I. Ron said that this is a big problem in the OSG. This is one reason why Ron suggested that Taycheedah #1 and Fond du Lac #3 have all of their manholes inspected. Industry experts now conclude that more money be focused on manhole rehabilitation rather than mains, to get the best return on investment. Nick said that there will be a report generated from the televising of the sewers that will indicate where the ditch manholes are located.

- **WCTS Operations Update**

◇A membrane ultra-filtration pilot study is underway at the plant. The results to date indicate it would be a costly method to implement because of the necessary equipment and energy use.

◇In June there will be a large-scale Actiflow pilot study at the plant. Jeremy invited the TSC members to visit the plant during the study.

◇Dave Carlson, Sanitary Engineer for the plant, is retiring on March 27, 2015.

◇Jeremy said that OSG sampling will resume to seven consecutive days, as required by the Sewer Agreement. Presently, it is five consecutive days, Monday – Friday, and then two additional consecutive days the following week. Seven consecutive day sampling produces more accurate data. Ron asked if consideration has been given to testing at all connection points. Jeremy said he sees a benefit to do so, but does not know if the present set-ups are conducive to this. Jeremy will speak to the City Sampling Technician to get more information.

◇Ron said that future industry/business connections to the sanitary district will need to produce flow data and type of flow prior to connection so that the OSG is aware of exactly what is being discharged into the sanitary sewer.

◇Jordan requested a copy of a map that indicates the location of the metering points. Ron said he will get that map to Jordan.

Adjournment

◇A motion to adjourn was made by Nick Leonard and seconded by Jeremy Cramer. The motion passed. The meeting adjourned at 2:55 p.m. The next meeting is scheduled for April 21, 2015.