

MEETING MINUTES

January 24, 2022

LOWER FOUNTAIN WATER QUALITY MANAGEMENT ASSOCIATION (LFWQMA)

Member

Attendees: Jim Heckman (FSD), Jonathan Moore (FSD), Cindy Murray (FSD), Mike Fink (City of Fountain) *via Microsoft Teams*, Roy Heald (SWSD), Brandon Bernard (SWSD), Kevin Niles (Stratmoor Hills), Joshua Watkins (Cherokee Metropolitan District), Tara Kelley (CSU), Travis Jones (WWSD) *via Microsoft Teams*

Non-Attendees: Fort Carson, Woodmen Hills

Guests: Roger Sams (GMS, Inc.) *via Microsoft Teams*, Doug Schwenke (JDS Hydro)

Meeting Location: Fountain Sanitation District

**Chairman Fink called the meeting to order at 1:30 p.m. Introductions followed.

1. Mr. Fink opened the meeting with the 2022 Election of Officers. Mr. Fink opened nominations for Chairman, Mr. Heckman nominated Mr. Moore as Chairman, with no other nominations, Mr. Fink closed nominations for Chairman and declared Mr. Moore as Chair. Mr. Fink opened nominations for Vice-Chair, Mr. Heckman nominated Brandon Bernard as Vice-Chair, with no other nominations, Mr. Fink closed nominations for Vice-Chair and declared Mr. Bernard Vice-Chair. Mr. Fink opened nominations for Secretary/Treasurer, Mr. Bernard nominated Mr. Heckman as Secretary/Treasurer, with no other nominations, Mr. Fink closed nominations and declared Mr. Heckman Secretary/Treasurer.
2. **Review/Approve Meeting Minutes** - Mr. Fink presented the meeting minutes for November 22, 2021, for approval consideration. Mr. Fink requested one correction on Page 3, Paragraph No. 14, last sentence, "Mr. Heald also reported that Gary Stein..., he requested the spelling of the last name be corrected to "Steen". Mr. Bernard made a motion to approve the minutes with the requested correction. Second by Mr. Moore. Motion carried.
3. **Review/Approve Finances** - Mr. Fink presented the Treasurer's Report for the month of December 2021 for approval consideration. Mr. Moore made a motion to approve the financial report as presented. Second by Mr. Niles. Motion carried.
4. **Kevin Niles (Stratmoor Hills)** – Mr. Niles reported they continue to progress on the construction of their PFAS Treatment Facility. He reported that there have been some delays with the pipe and building related materials so the contract with Glacier was extended for 90 days. They still anticipate completion by the end of March. He reported that their Board of Directors approved the contract with RH Borden to provide the District a rapid assessment on all its sanitary main pipeline system The Sewer Line Rapid Assessment Tool or SL-RAT consists of a transmitter placed in one manhole and a receiver in another, it assesses the condition of a line by emitting a sequence of tones. It then provides a condition score based upon the amount of sound allowed to pass through a given pipe diameter. Any scores seen in the field that would indicate a potential problem would be addressed immediately.
5. **Roy Heald/Brandon Bernard (SWSD)** – Mr. Bernard reported that they are in talks with the Air Force regarding the issue with resin residual that the contractor released into a finished water main by mistake. They continue to investigate the "ice pigging" method to remove resin residual, which looks to be very effective. He reported they are experiencing an "foaming" issue at their new wastewater treatment facility.

They are in the process of designing a sprayer manifold to help minimize that issue. He reported that the construction of their biosolids handling facility should be finished by June or July. Mr. Heald reported that their Board approved a 4% increase in their water and sewer rates.

6. **Jonathan Moore - (FSD/LFMSDD)** –Mr. Moore reported that FSD also hired RH Borden to assess the District’s sanitary system using the SL-RAT. RH Borden should have their assessment of all the District’s pipe within the next couple of weeks. The SL-RAT is only effective on pipes diameters which are 12-inches and smaller. A total of roughly 84-miles will be completed for FSD. They feel that this service was cost effective and time saving. The baseline assessment also identified where the District should be concentrating its limited resources in maintaining the overall system. The plan is to use the SL-RAT annually if the budget allows it. Staff does believe this service will save on the wear and tear of the Vaccon units and will defer the need to replace this type of capital equipment for several years. He reported that he continues to work with the Railroad Company on a major sanitary reconstruction and realignment on Illinois Avenue. The railroad company has requested Mr. Moore move the alignment and Mr. Moore let them know why the District cannot move the alignment of the sanitary pipe. He is waiting for a response. He reported that the BNR Demonstration Project at the HDT facility is underway. The contractor is waiting to receive materials not originally delivered.
7. **Mike Fink (City of Fountain)** – Mr. Fink reported that they heard the ESA Memorandum of Understanding (MOU) has been cleared by the Air Force’s legal department, but they have not seen the document. He reported that the 36-inch transmission water main being installed under Fountain Creek is complete and delivering water. He reported that the struggles to complete the construction of their PFAS Water Treatment Facility continues. The equipment and building foundation have been installed. A contract to complete the superstructure on the building foundation has been completed. The steel for the building should be delivered by the end of February. The Corps of Engineers demobilized and will return with the City completes superstructure. At that time, they will complete any final detail work and start up the facility. He reported that the updated Water Master Plan was approved.
8. **Travis Jones (WWD)** – Mr. Jones reported that they have completed installing the two-transmission main lines for their west to east transmission line. He reported on several capital projects they are proposing such as upgrading Booster No. 2, constructing additional booster stations and an additional three miles of 24-inch main line. They will be advertising for bids in February and March 2022. He reported that they are in the process of a site application amendment for a paper rerate on their wastewater treatment facility from an average day hydraulic capacity of 2.14 MGD to 2.5 MGD with an associated oxygen credit through the denitrification process.
9. **Joshua Watkins (Cherokee Metro District)** – Mr. Watkins reported that they have been in contact with CDPHE on implementing a certified lab to conduct some in-house well testing and optimization. For wastewater he reported that the construction on their 53-acres evaporation ponds for the brine from the RO system is progressing well. The new facility buildings have been erected and dried in however the supply chain issues continue to cause material delays for completion.
10. **Tara Kelley (CSU)** – Mrs. Kelley reported that the Direct Potable Reuse demonstration program tour season is over. It has been moved indoors until next May and is undergoing data evaluation and optimization. She reported that they continue with the 5-year Resilience Assessment at the JD Phillips facility. She reported on ongoing projects at the Las Vegas Facility i.e., diffuser changeout, switching to silicone tube diffusers and installing some additional piping for operator control. They are progressing with the biogas project at the Clear Springs Ranch Facility, which will be completed in-house. She reported that during the last major windstorm, a couple of the aeration basin covers at the JD Phillips facility lifted enough to fall into the basins damaging the piping system. They are looking to complete the necessary repairs as soon as possible. She reported that the Northern Monument Interceptor project is still underway, they are in the process of working out agreements with the six northern entities on return flows and water

rights. They hope to start construction by the end of 2023 and be finished by the end of 2025. They are finalizing a Risk Model completed by AECOM of their collection system related to the Operations and Maintenance. They will be able to utilize this tool to conduct more efficient maintenance programs using the historical data. She reported that they also have a robust CCTV program and a lateral launcher used in part with a cross bore program.

11. Mr. Doug Schwenke with JDS Hydro attended the meeting to present and submit the Site Location Amendment for the Widefield Water and Sanitation District's "paper re-rating" of its existing wastewater treatment facility. The 2018 BNR Improvements completed in 2019 anticipated a WWTF capacity of 2.50 MGD. However, the 2018 BNR Improvement documents did not consider any increase in the documented hydraulic or organic design capacity of the improved wastewater treatment facility due to denitrification credits. The purpose of this site application amendment is to return the wastewater treatment facility and discharge permit to its original 2.5 MGD capacity as determined in the 1999 site location application. In addition, the intent of this paper rerate is to increase the organic capacity of the facility to 7,485 lbs/day when considering the true oxygen delivery capability of the aeration system and associated oxygen credit through the denitrification process.

Mr. Schwenke reported that the site application amendment has gone through the Site Application Review Committee (SARC) with no questions or comments. The only comment received was from Mr. Heckman at the Fountain Sanitation District concerning wastewater service clarifications which will be revised before submittal to CDPHE. The group had no further comments or concerns.

12. Mr. Fink informed the group that he is resigning from his position on the Arkansas Basin Roundtable. The PPRWA has three candidates they are interviewing for a replacement. He will stay on until there is a replacement.

There being no further business to discuss, Mr. Fink adjourned the meeting at 2:24 p.m.

Next LFWQMA Meeting – The next meeting is scheduled for Monday, February 28, 2022, at 1:30 p.m. at the City of Fountain.