

MINUTES
JOINT CONTRACT SEWERAGE COMMITTEE
August 24, 2021
1:30 P.M. ZOOM

Members Present:

Robert Gallagher, Mayor, City of Bettendorf
Mike Bawden, Mayor, City of Riverdale
Rick Dunn, Alderman, City of Davenport
Scott Webster, Alderman, City of Bettendorf
Dan Miers, Water Pollution Control Plant Manager, City of Davenport
Brian Schmidt, Director of Public Works, City of Bettendorf
Nicole Gleason, Director of Public Works, City of Davenport
Mallory Merritt, Chief Financial Officer, City of Davenport
Jason Schadt, Director of Finance, City of Bettendorf

Others Present:

Decker Ploehn, City Administrator, City of Bettendorf
Kent Royster, City Administrator, City of Riverdale
Clay Merritt, Capital Manager, City of Davenport
Jim Odean, Assistant Finance Director, City of Davenport
Brent Morlok, City Engineer, City of Bettendorf
Brian Schadt, City Engineer, City of Davenport
Doug Hradek, Plant Operations Supervisor, City of Davenport

The meeting was called to order at 1:30 p.m. by Mayor Gallagher.

1. First item on the agenda was approval of the minutes from the February 2021 meeting. There were no additions, deletions or corrections. Alderman Webster made a motion to accept the minutes as written. The motion was seconded by Brian Schmidt. The motion passed unanimously.
2. Next item on the agenda was the update on NPDES Permit/Administrative Order. Dan Miers reported the permit was issued on July 1, 2021 and expires on June 30, 2026. Changes to the new permit include: new nitrogen limits, ecoli blending flow will be required effective July 1, 2034, UV disinfection start up begins April 1, 2022, ammonia is now monitored daily versus monthly, blending greater than 43 MGD requires 80% removal and below 43 MGD requires 85% removal. Nutrient Study is due July 1, 2022 and is over 50% complete. The Administrative Order as amended is enclosed as Attachment 1 in the packet.
3. Next item on the agenda was an update on the 1930's Interceptor Sewer Abandonment Project. This project is a major component of the Joint Use cities' efforts to reduce clean water flow at the plant. Brian Schadt reported the project is near completion. Most of the pipework is finished except for a small portion of pipe lining underneath the Freight House. Due to river levels down this year, a full assessment on the effectiveness has not been done.
4. Next item on the agenda was the update on Waste Water Treatment Plant Flood Protection Study & Grant Applications. Clay Merritt reported the Iowa SHPO clearance was supposed to be received by August 15th. Once received, we will amend the environmental component of our grant and send it to the Chicago office of

the U.S. Economic Development Authority who will ship it directly to D.C. and we should hear a grant award announcement within a few weeks.

The grant request is for 10 million dollars with the local match being about 2.5 million and the State of Iowa has allocated 4.4 million. The total cost for the project is 20.1 million. Additional discussion was had regarding potential future funding sources for the remaining 3.3 million to complete the project.

5. Next item on the agenda was the report on the UV Disinfection Project. Dan Miers reported the channel structures and underground piping is in place. Construction of the building is finished. The Wedeco UV disinfection equipment is in place, but not connected. They are working on a connection for the ninety-six inch (96") pipe flowing under the building where the flow will convert to UV disinfection. There will be four (4) shutdowns of the treatment process over four (4) days to isolate the pipe and make the connection. The estimated completion of the project is October 14, 2021.
6. Next item on the agenda was an update on I&I Projects / Studies. Brent Morlok reported Bettendorf has an estimated \$600,000 sewer lining program out for bid for this coming construction season. Bettendorf recently abandoned a lift station and Langman has completed a gravity extension in its place. McClure Engineering will provide a final report for the I&I citywide study, which identified several projects that will be addressed over the course of the next five (5) years. Davenport reported their \$3 million lining project is scheduled to go out for bid in two (2) weeks, which will take place over the next two (2) years. They are focusing on individual I&I projects with two (2) that have been identified for construction next year. Kent Royster reported Panorama Park and Riverdale received bids for approximately \$265,000 of relining projects between the two (2) cities.
7. Next item on the agenda was a report on the Waste Water Treatment Plant and Compost Facility. Dan Miers reported two (2) offers have been accepted for Swing Shift Operators bringing staffing levels to thirty (30). Design replacement and rehabilitation projects the primary and secondary projects designs are completed HR Green has completed the design of the primary and secondary projects. The Wet Weather Optimization project will be completed soon. Flows averaged 18.4 million gallons per day in August, 22 million gallons per day in July, and 23.1 million gallons per day in June. The average last year was 27 million gallons per day. There is a positive reduction in flow to the treatment plant and during rain events.

Nicole Gleason reported the Compost Facility has a new John Deere 744 end loader on order to replace the ten (10) year old end loader. They are in the process of developing a new product called Enhance Topsoil to mix topsoil with compost and sand for direct planting or fill.
8. Next item on the agenda was a discussion of Digester RNG / Digester Upgrades Alternatives / FOG Ordinance. Dan Miers reported RNG is a different way to process our natural gas through our digesters to send to the MidAmerican pipeline and receive RIN credits. There are two (2) different values of RIN credits based upon the type of digestive sludge that is sent through the digester (D3 and D5 gas). The engineers are estimating this project will bring \$4 million of revenue annually. Further discussion was had regarding the potential cost options and overall feasibility of the RNG project and digester upgrades.
9. Discussion of potential increase to hauling fees. Dan Miers reported current rates for hauling waste to the treatment plant in comparison to surrounding cities. Fees are determined by the amount and type of waste, billing fees, and monthly overhead fees. Further discussion was had regarding potential rate increases and simplifying the billing process.
10. Next item was the discussion of future meetings. The next meeting will be held in November after the financial model from PSM regarding the RNG and Digester evaluation has been provided.

11. The next item on the agenda was other business.

The meeting was adjourned on motion by Mayor Bawden seconded by Nicole Gleason.