

MINUTES

HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT SPECIAL COMMUNITY MEETING HELD ON SEPTEMBER 30, 2020 AT THE CITY OF KAUKAUNA COMMUNITY ROOM

Members Present: David Casper - President
Bruce Siebers - Vice President
Patrick Hennessey - Secretary
Kevin Coffey - Commissioner
John Sundelius - Commissioner

Absent: None

Also Present: Kevin Skogman - Director of Operations & Maintenance HOVMSD
Dawn Bartel - Office Manager HOVMSD
Chad Giackino - Regulatory Compliance Manager HOVMSD
Scott Schramm - Strategic Municipal Services
Mike Gerbitz - Donohue & Associates
Kent Taylor - Village of Little Chute
James Fenlon - Village of Little Chute
Mayor Tony Penterman - City of Kaukauna
John Neumeier - City of Kaukauna
Diana Driessen - City of Kaukauna Council
Allyn Dannhoff - Village of Kimberly
Mike Kawula - Darboy Sanitary District
George Schmidt - Darboy Sanitary District
Bruce Corning - Darboy Sanitary District
Racquel Giese - Village of Combined Locks
Ryan Swick - Village of Combined Locks
Ken VanderWielen - Village of Combined Locks Board
Brian Roebke - Times Villager

1. 11:30 a.m. Call to Order – Roll Call

President Casper called the meeting to order at 11:30 a.m.

2. HOVMSD Progress/Updates

President Casper talked briefly about the continued community growth measured by the number of new sewer connections and organic loadings entering the treatment facility. Casper gave an update on the Donohue Task Order 1-Facility Master Planning and the necessary testing to find the total plant load including internal recycle. Testing will be completed at year end with anticipated task order completion in February 2021. The data will show the total organic load on the plant and if there are re-rating opportunities if the plant is found to have more capacity than DNR recognizes. A brief overview of agenda items on local limits and effluent filtration task

orders with Donohue Associates, and the interceptor action plan with Strategic Municipal Services were presented. Casper urged the group to ask questions during the presentations and offered the commission and/or staff to attend one-on-one meetings or board/council meetings within the communities.

3. Task Order 3 Local Limits – Presentation by Mike Gerbitz of Donohue

Mike Gerbitz shared his presentation with the group and talked about local limits and the current limited capacity of the wastewater treatment plant. He informed the group that a new treatment plant would cost an estimated \$170-\$200 million with very little grant money available. One proposed strategy would be the implementation of a sewer surcharge aimed at connected customers that use a disproportionate share of the treatment plant's capacity. Customers receiving surcharges would then be incentivized to reduce the strength and/or amount of discharge to the collection system and ultimately the HOVMSD treatment facility. Any strength reductions would then produce a savings on customer utility bills and a reduction in loads seen at the treatment plant. The surcharge would be calculated and invoiced based on the capacity-related cost of their disproportionate sewer use.

A second potential strategy would be enacting a discharge prohibition threshold that would not allow high strength discharge to the sewers. The initial threshold presented would be wastewater exceeding twice the generally accepted definition of strong domestic wastewater.

These concepts will be further discussed with community leadership as potential first steps in a strategy to slow or reduce loads on the treatment facility.

4. Interceptor Action Plan – Presentation by Scott Schramm of Strategic Municipal Services

Scott Schramm gave background information regarding the interceptor action plan, project challenges, and gave a condition assessment including representative photographs showing the deterioration caused by MIC. Significant change has been observed in a relatively short period of time and MIC is active throughout the system. The District has identified ammonia reducing biofilm as the main cause of MIC along with seasonal sulfide reducing biofilm as a second contributor of acidic conditions within the interceptor. HOVMSD has diligently evaluated mitigation alternatives and the available options concluding that CIPP lining and protective coatings are necessary. The District is committed to begin the planning and design stages for a construction and lining project. The updated cost summary showed the project to cost an estimated \$21,785,000.

5. Task Order 2 Effluent Filtration – Presentation by Mike Gerbitz of Donohue

Mike Gerbitz talked about suspended solids and phosphorus mass limits and the District's historical effluent mass discharge. The District completed an Operational Evaluation Report in 2019 that concluded that effluent violations would be likely without further effluent treatment. Donohue evaluated the effluent discharge and found future compliance with the TMDL limits will require not only filtration, but also tertiary chemical dose addition prior to effluent filtration. Cloth media filtration provides for high effluent throughput, is expandable for future flows, and will fit within the existing footprint of the District solids building. The Commission and Staff considered multiple treatment options weighing cost as well as non-economic factors, with cloth media disk

filtration being the most favorable alternative. The estimated construction cost for this project will be close to \$12M dollars.

6. General Old or New Business

There was nothing to report under General Old or New Business.

7. Adjournment

With no further business before the Commission, a motion was made by Commissioner Sundelius and seconded by Commissioner Coffey to adjourn the meeting. Motion carried unanimously. (Time: 1:08 PM)

SIGNED & APPROVED BY: _____
Patrick E. Hennessey, Secretary