

MINUTES

HEART OF THE VALLEY METROPOLITAN SEWERAGE DISTRICT SPECIAL COMMUNITY MEETING HELD ON MARCH 25, 2021 AT THE CITY OF KAUKAUNA COMMUNITY ROOM

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

Absent: Kevin Coffey - excused

Also Present: Brian Helminger – District Director HOVMSD
Kevin Skogman - Director of Operations & Maintenance HOVMSD
Dawn Bartel - Office Manager HOVMSD
Chad Giackino - Regulatory Compliance Manager HOVMSD
Scott Schramm - Strategic Municipal Services
Kent Taylor - Village of Little Chute
James Fenlon - Village of Little Chute
Mayor Tony Penterman - City of Kaukauna
John Neumeier - City of Kaukauna
John Moore – City of Kaukauna Council
Marty DeCoster - City of Kaukauna Council
Allyn Dannhoff - Village of Kimberly
Mike Kawula - Darboy Sanitary District
George Schmidt - Darboy Sanitary District
Randy Verhagen - Darboy Sanitary District
Cathy VanderZanden - Village of Combined Locks Board
Bradley Schinke – Village of Combined Locks Board
Ryan Swick - Village of Combined Locks
Justin Krueger - 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/2020 Updates

District Director Helminger welcomed the group to the first quarterly community meeting for 2021.

Helminger presented final flow and plant loadings for 2020. The influent flow for 2020 dropped by 11.3% from 2019 which had much higher rainfall totals for the year. Loadings for BOD

increased by 4.3% and the ammonia load increased by 9.9% over 2019. The District member communities collectively added 365 new sewer connections for 2020. This is the highest recorded number of new connections since the treatment plant went online in 2007. Community leadership present at the meeting indicated they anticipate continued steady growth in new connections for 2021.

Commission President Casper voiced his displeasure with an article published in the Times Villager on 3/24/2021 regarding the financing of the interceptor rehab project. Casper noted several misquotes and provided clarification to the article.

3. Interceptor Action Plan Progress Update – Scott Schramm of SMS

Scott Schramm from Strategic Municipal Services gave a progress update on the interceptor project. Scott noted that the project is still on track and the goal for the first half of 2021 is to revisit the budget as well as enter each structure to confirm what Great Lakes TV Seal saw with their televised inspections. The second half of 2021 will be working out the details with the communities, agencies, and stakeholders. The rehab work will impact many people because it's a large project and visible to many.

4. Master Plan Task Order #1 – Findings and Options

Helminger discussed the findings and presented several pertinent slides from Donohue's presentation at a recent Commission meeting. Donohue confirmed that organic loadings are higher than would be expected for the District's current estimated population. The loads for both suspended solids and phosphorus are within the recognized capacities of the treatment facility and are not concerning at this time. The District is moving forward with effluent filtration that will reduce both phosphorus and suspended solids concentration to meet the District's TMDL mass allocation in its WPDES permit. The solids handling processes are currently sized appropriately and operating as designed. There is adequate capacity in all phases of the solids handling portion of the treatment facility.

Review of effluent discharged shows consistent compliance for both BOD and ammonia limits. Given the organic loads being treated, it is likely that the true organic capacity of the WWTF is somewhat higher than the plant capacities that have been recognized. Donohue recommends warm and cold weather stress testing of the biological processes to determine if current capacity ratings accurately reflect the treatment plant's removal ability. Additional recommendations include investigation of load reduction opportunities through the use of local limits and the application of surcharges in billing high strength waste dischargers. The District may be able to increase capacity by installing a new media in the biological system without increasing the footprint of the existing space constrained plant site. If and how much the media would add would need to be evaluated with a small-scale pilot test run in conjunction with the original OEM manufacturer.

5. Cloth Media Disk Filter Project Update

District staff and the engineers at Donohue have conducted several meetings to kick off the filtration project. Donohue is working with Kruger to provide enough filtration for the full forward flow of 26 MGD that can be treated in the Biostyr. The District requested that the filtration system be integrated into the existing SCADA system that allows both local and remote monitoring and access. This integration would make the filtration process consistent with the

other plant processes already monitored and controlled by SCADA. Donohue determined that during a full flow condition that District's disinfection detention time is short of the DNR code requirement. Donohue suggested that an additional gate and minor structural modifications to the old contact tank would allow for an additional 15 minutes of detention time and meet the disinfection standard. Hypochlorite feed will be delivered to the old contact tank that will flow in series with the current chlorine contact tank. The filter design will be ready for DNR review in late September 2021 with the project anticipated to be ready for bidding in the first quarter of 2022.

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 Casper to adjourn the meeting. Motion carried unanimously. (Time: 12:58 PM)

SIGNED & APPROVED BY:



Patrick E. Hennessey, Secretary