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34001 W. Jefferson Ave, Brownstown Township, Michigan 48173

### **Regular Meeting Minutes May 15, 2024**

The Board meeting was called to order by Chairman Tim Neighbors at 10:02am at the Brownstown Township Hall.

**Roll Call:**      Brownstown –Justin Danosky                      S. Rockwood – Art Wenzel (Absent)  
                         Flat Rock – Eric Holtz                                      Gibraltar – Garrett Shumate  
                         Huron – Eric Scanland    Van Buren - Sharry Budd  
                         Woodhaven – Tim Neighbors

**Also present:** Dan Alford    Randy Pentiuk, Attorney  
                         Mark Houle, Jacobs    Noah Bednar, Jacobs  
                         Andy Mechel, Jacobs    Nick Lenzi, Jacobs  
                         Bill Miner, Van Buren    Bill Davis, HRC  
                         Sean Bellingham, Van Buren                                        Bill Brickley, Plane Moran

**Agenda:**            As presented.

#### **Minutes:**

Motion by Brownstown, second by Woodhaven, to approve the Meeting Minutes from the April 17, 2024 Monthly Board Meeting. All Communities are present besides S. Rockwood. Motion carried unanimously.

#### **Expenditures:**

Motion by Brownstown, second by Flat Rock, to approve the April 2024 expenditures of \$1,338,949.47. All Communities are present besides S. Rockwood. Motion carried unanimously.

#### **Budget to Actual and Trial Balance as of May 31, 2024**

Motion by Brownstown, second by Van Buren, to approve the Budget to Actual and Trial Balance as of May 31, 2024. All Communities are present besides S. Rockwood. Motion carried unanimously.

**Jacobs Report:**

Mark Houle reported that the property signs adjacent to Lee Road have been placed and Jacobs will continue installing signs along the golf course with weather permitting. As of now 70% of the property has been marked. Regulatory items completed and submitted to EGLE this month include stormwater inspections, Spill Prevention Control inspections, flow data, in addition to the DMR and MOR. Compliance communication was received in regards to the secondary bypass that occurred on April 11th. No response is required at this time. The State came in on the 16th to do an introduction to new EGLE staff and a high-level inspection.

High rain flows were received this past April. The EQ Basin was off line due to the CIP project. Only two biodecks were utilized up until the 11th when the rain required Jacobs to place a third biodeck in operation and conduct a secondary bypass. The plant bypassed around 6.6 million gallons over a 23-hour period. No NPDES issues noted and all required notifications to the State were made. When flows subsided, the plant went back down to two Biodecks until flows increased again on the 30th. The plant has been operating on three Biodecks since then. Mr. Houle added that the graphic in the meeting packet shows how flows impact phosphorus usage. Jacobs strives to operate as efficiently as possible and is below the proposed new phosphorus limit slated for 2027. The plant was 100% compliant in 2023 and has been thus far in 2024.

Mr. Houle continued to report that due to personnel changes at Industrial User Brose they did not conduct any sampling in the first quarter of 2024 which is a non-compliance issue. Jacobs had a conversation with them about their IPP requirements. Mayor Shumate asked Mr. Houle if the communities can help with non-compliance issues. Mr. Houle stated no assistance was required at this time since Brose and all other industrial users have been generally compliant. Jacobs continues to balance chemical and energy usage. Mr. Houle changed how he is reporting Biosolids. It includes a summary of Pre and Post Lystek system operation. The average amount of dry tons which are landfilled will drop every year. The numbers are annual averages and the total has dropped from 27,000 to 14,000 dry tons. In the Annual Report there is a good graphic in regards to the cost that goes into making the Lystek system. The Jacobs team continues to keep the plant operating smoothly.

After presenting the Annual Report to the board Mr. Houle added that he finds the Financial Summary graphic near the end to be helpful. It includes chemical, utility and sludge disposal costs of each year. He noted that there was a \$700,000 drop between 2019 and 2023 and added that the total cost of the Lystek System was about a nine-year payback.

Noah Bednar informed the board that his Operations Manager training is going well and he is rapidly getting up to speed and looking into energy efficiencies and updates.

Andy Mechel reported that the 24-inch recycle pipe lining work at the WWTP was completed yesterday and everything went through without any issues. Mr. Mechel presented an actual

sample of the pipe lining product which was installed. He is currently working with Outbound on Trenton Arm to get the VFDs controlled by ethernet. Odette is moving along. One repair quote is in hand for the blower building potable water line and Mr. Mechel plans to get others. A main breaker failed and was replaced for a LysteGro transfer pump. One of the truck loading pumps was put back in and included an expanded metal mesh to keep larger rocks out of the pump. PMs and work orders are moving along smoothly. Cleaning and organizing is ongoing. Jacobs continues with primary Clarifier repairs. The elevator repairs are moving slowly. The other LysteGro loading pump should arrive sometime next week with all upgrades included. Jacobs is waiting on the raw sewage pump rotating assembly to come back. Jacobs also plans to replace the sodium bisulfate valve. Major equipment status has not changed. Mr. Mechel added that the CIP project is moving slowly. It is a struggle dealing with MISS DIG tickets but Jacobs is still doing a good job getting those tickets marked. Training and sustainability efforts continue.

**CDM Smith Billable Flow Report for April:**

Motion by Gibraltar, second by Brownstown, to receive the CDM Smith Billable Flow Report for April. All Communities are present besides S. Rockwood. Motion carried unanimously.

**HRC Report:**

**Priority 1 & 2 Plant Improvement Project Update**

Bill Davis reported that HRC continues to provide construction observation and construction administration services throughout the month. Construction has nudged forward to 86% completion. Work completed in April included the work on Clarifier #4. The concrete repairs are ongoing and the contractor is getting ready to start installing the SEL panels. As of yesterday's progress, meeting HRC estimates that commissioning for Clarifier #4 will likely happen in early to mid-June. Bio 4 gate was commissioned last month. Work on the Grit System continues with operation continuing on full bypass. The EQ gate was installed and commissioned. Concrete repairs in the grit tanks are complete and equipment is being installed in the Grit Tanks. Today is the second pour of the concrete fillet within the grit tanks. Structural repairs continue as well in the Grit channel and primary channel. Coating of the surface should be completed this week. As mentioned by Jacobs the CIPP lining at the plant is in the process of being completed today. HRC has been coordinating with Jacobs to get the Haag Tank inspected to find the source of debris getting stuck in the pumps. An inspection of cell 1 was completed in April. The inspection revealed that the concrete columns within cell 1 are continuing to deteriorate. Since that cell was put into service they have seen further deterioration of some of the columns. HRC suggested additional cleaning of the upper part of the columns to be able to inspect them in case further work needs to be done. Mr. Davis is recommending that we continue to implement an inspection program on a regular basis. Tim Neighbors inquired what level the deterioration it is at. Mr. Davis noted that deep deterioration with exposed rebar is present.

Dan Alford inquired if any of the damaged columns were previously repaired. Mr. Davis added this new damage is to the original columns.

Looking forward the Grit Removal System is now scheduled for June 10th commissioning and hopefully Clarifier #4 will be brought online mid-June as well. Mr. Davis guesses that the last

Clarifier will be wrapped up in October. Mr. Neighbors is concerned that the deadline is too far away. Mr. Alford added that progress is being made but it does seem to be slow.

**System Manager Report:**

Dan Alford reported that he currently is engaged assisting in any way possible in regards to the plant and construction inspections. It has been made clear to Heaney, since Heaney's insurer has rejected coverage of the Odette Pump Station pump failures, SHVUA expects them to come to the table. Even though it's a slow process the job does need to be completed. Mr. Alford added that he continues to share his ideas and give input at the plant and he is thankful that Jacobs is receptive to that.

Last month Mr. Alford spent a decent amount of time on the Annual Financial documents. This year some communities were requesting specific information and he assisted them.

One of Mr. Alford's continuing priorities includes the Community Project grant scope of work that was awarded in late March. The first step is prioritization. The meeting with the regulator from Region 5 went very well. Mr. Alford is looking into odor control as the grant includes anything that relates to waste water. The work scope meeting with HRC and Jacobs included Alyssa Gunsorek from PCK. He aims to keep everyone included in this process. Operations and maintenance thoughts and opinions will be included in the draft scope of work that Mr. Davis will prepare. The EPA noted that there is no sunset on the grant as far as timeline so costs can be accrued as of October 2023. There is time to put the plan together, scope the project, and get it completed.

**Attorney Comments:**

Randy Pentiuk echoed what Mr. Alford discussed; that it is an exciting project and he appreciates everyone's involvement and proactiveness.

There is a good development in which a bill may be passed that exempts Waste Water Treatment Plants from the PFAS exposure that we currently have. Mr. Pentiuk adds that he anticipates a robust conversation will take place with Heaney after completion of the project to resolve issues amicably.

Tim Neighbors appreciates all of the work Mr. Pentiuk and his team have provided.

**Other Business:**

Sharry Budd introduced Bill Miner as the Water Superintendent at Van Buren. Mrs. Budd asked that everyone take a copy of the year end Audit and make sure it's on file in the clerk's office.

**Adjournment:**

Motion by Woodhaven, second by Brownstown to adjourn the monthly SHVUA board meeting at 10:48am. All Communities are present besides S. Rockwood. Motion carried unanimously.

Respectfully submitted,

A handwritten signature in blue ink that reads "Dan Alford". The signature is written in a cursive style with a large initial "D".

Dan Alford, PE  
System Manager