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34001 W. Jefferson Ave, Brownstown Township, Michigan 48173

Regular Meeting Minutes January 17, 2024

The Board meeting was called to order by Chairman Tim Neighbors at 10:03am at the Brownstown Township Hall.

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

Also present: Dan Alford Randy Pentiuk, Attorney
 Mark Houle, Jacobs Scott Mangold, Jacobs
 Bill Davis, HRC Lauren Fath-Azam
 Stacy Reeves, PM Andy Mechel, Jacobs
 Scott Ostoin, Woodhaven

Agenda: As presented.

Minutes:

Motion by Brownstown, second by Gibraltar, to approve the Meeting Minutes from the December 20, 2023 Monthly Board Meeting. All Communities are present besides Flat Rock, S. Rockwood and Van Buren. Motion carried unanimously.

Expenditures:

Motion by Brownstown, second by Woodhaven, to approve the December 2023 expenditures of \$836,504.95. All Communities are present besides Flat Rock, S. Rockwood and Van Buren. Motion carried unanimously.

Trial Balance and Budget to Actual as of December 31st, 2023:

Motion by Gibraltar, second by Brownstown, to approve the Trial Balance and Budget to Actual as of December 31st, 2023. All Communities are present besides Flat Rock, S. Rockwood and Van Buren. Motion carried unanimously.

Jacobs Report:

Mark Houle reported that on December 1st Jacobs was able to get their comprehensive stormwater inspections and samples. In preparation of their IPP Audit Jacobs needed to submit a profile for industrial pretreatment. The inspection was completed and Jacobs received a follow up letter 5 days later. The letter included one item which can wait until the next local limits are conducted. Routine inspections will still need to be completed. Every quarter effluent and PFAS updates need to be submitted. Every 6 months an industrial pretreatment PFAS update needs to be submitted. Mr. Houle added that all of those numbers are looking good. SPCC inspections were completed. December flow data was submitted to CDM Smith, and DMR and MOR data was submitted to MiEnviro on the 11th. The plant ramped up to three biodecks after receiving a good amount of rain and is now back down to two. 12-hr coverage continues and is going well. Hauling is complete for 2023. The plant is in a great spot for biosolids. No NPDES issues this past month. A lot of industrial pretreatment was done this past month. Required inspections were finished. Mr. Houle added that chemical and energy usage was at a good level and he will be including those numbers in their annual report. As a calendar year, 3.9 million gallons of LysteGro was applied to farm fields. The usage of calcium hydroxide (lime) has stopped which equates to much less volume. The average dry tons listed is a benchmark as to what the average will be moving forward.

Andy Mechel reported that the Interceptor work was completed. Work on the Romulus section hydro break was done and Mr. Mechel plans to work with Dan Alford to see if it can be replaced with one that is serviceable. The current hydro break appears to be difficult to clean. He is waiting to hear back from the vendor on requested changes of the insurance in regards to lining the 24" recycle pipe at the plant. Dan Alford added that the required changes shouldn't be a problem. Pump stations are still moving along. Current work taking place includes Lystek repairing the potassium hydroxide (KOH) level sensor. Jacobs ordered a backup just in case. The pump transfer issues are still being worked on. The Hydraulic submersible pump in cell 1 was pulled out due to rocks getting caught. The wear plates have heavy corrosion. Detroit pump will suggest what Jacobs' plan of action should be moving forward after their evaluation. Randy Pentiuk inquired if this is included under their warranty. Mr. Mechel doesn't believe so. Bill Davis added that similar to the odor product they are experiencing at the plant the expectation was that the product would be inert but is obviously having a reaction with the amount of ammonia and methane it's producing. Mr. Davis plans to work with Detroit Pump, the pump manufacturer, and Lystek to make sure they understand what we are seeing and that they are on board in regards to the fixes we are making. It is not clear whether this issue is covered by the warranty but is open to discussion. Mr. Pentiuk inquired if this is a typical reaction from what other operators experience using the Lystek System. Mr. Houle noted that this corrosion was a surprise but the Lystek product is consistent and they are happy with the results. Mr. Davis added that Lystek says other installed systems have a single storage tank, unlike our multi-tank facility that allows for longer aging of the LysteGro product.

Mr. Mechel continued to report cleaning and televising continues along with installation of the perimeter signs. Jacobs continues to work with HRC and contractors. The building is still having HVAC issues. For this coming month Primary Clarifier evaluations continue, installation of the sump pump in the elevator project continues. The pipeline lining project is moving forward as discussed. The brake resistor for pump P-104 needs to be installed and pumps for LysteGro tanks are set to be evaluated as well as the rotating assemblies for the raw sewage pump. Jacobs continues to work on the repair for the final clarifier #1 drain valve. Mr. Mechel added that in regards to Miss Dig, it has been a learning year. 210 tickets were produced and 90 markings done. Training for Miss Dig continues. Mr. Alford inquired if he could get an Annual Report for Miss Dig. Scott Mangold noted that it will be included in the Annual Report in February.

CDM Smith Billable Flow Report for December:

Motion by Brownstown, second by Woodhaven, to receive the CDM Smith Billable Flow Report for December. All Communities are present besides Flat Rock, S. Rockwood and Van Buren. Motion carried unanimously.

HRC Report:

Priority 1 & 2 Plant Improvement Project Update

Bill Davis reported that construction is at 82% completion. HRC continues to provide construction observation and construction administration services throughout the month. Final Clarifier #1 had to go through repairs and has now been put back into service. Clarifier #4 was taken offline January 8th which leaves 2 clarifiers left. The plant has been running on full bypass since December 4th. Concrete repairs in the grit tanks and channels have begun and are now underway. Headworks pump motor VFD replacement P2 was commissioned and is now back in service. P3 was taken down, the motor replaced and the VFD was installed. Startup was scheduled for this morning. Mr. Mechel added that startup will be delayed. Mr. Davis continued to report that the contractor had remobilized structural repairs in the grit tanks and the primary influent channel. Deterioration is more than anticipated. The rebar steel is exposed or completely gone. HRC is contemplating a different repair which requires adding additional rebar. Mr. Davis met with Heaney and Mr. Alford on December 20th about the Odette claim submitted. He believes some progress was made. An offer was placed on the table to negotiate a settlement. Heaney took it back to see what they could do. Mr. Davis will reach out to see where they are. Mr. Davis continued to report that since the sludge has been taken out of the tanks, the VFD will be installed on the fan to get a steady state. This will help HRC understand what steady state levels of odor components will need to be addressed and how to do so. Upcoming work includes the continuation of work on the Grit Removal System, Final Clarifier #4 and P3 will be back online shortly. HRC prepared Change Order 12 and are still working on resolving various contractor changes.

Mr. Alford inquired if the temporary heat provision has been mobilized and if so how long has that been working. Mr. Davis noted that the tent materials have been mobilized but no other

progress has been made at this time. The recent cold weather has affected the timeline. Mr. Alford is thankful that Mr. Davis negotiated the heat provision before all the cold weather hit as the number would have been higher.

Motion by Woodhaven, second by Brownstown to approve an increase to Heaney General Contracting, Inc.' total construction contract amount by \$35,519.25 from the current contract amount of \$20,848,175.11 to the new amount of \$20,883,694.36 and the Chairman to execute it on behalf of the Authority. All Communities are present besides Flat Rock, S. Rockwood and Van Buren. Motion carried unanimously.

System Manager Report:

Heaney Negotiations

Dan Alford reported that the discussions have been amicable and he will touch base with Heaney in hopes to push things along.

Board Members and Alternates

Mr. Alford sent out an email to two Communities who did not have an alternate board member listed. He will follow up with the one Community who he did not hear back from.

CDM Contract Coordination

Mr. Alford worked last month on the CDM contract coordination as CDM Smith has replaced one of their sub-contractors. The new sub-contractors have been on site and are working satisfactorily.

Attorney Comments:

Randy Pentiuk made note that they have made slow but sure headway on the insurance claims. The claims adjuster has been notified in regards to the Odette Pump Station that they demand action. Mr. Pentiuk expects to hear something by the next board meeting. Mr. Pentiuk and his team are working to secure funding for future projects in regards to the grant applications with our members of the US Congress.

Other Business:

Michael Landis added that this will be his last meeting and will be moving on. No other business is to be presented at this time.

Adjournment:

Motion by Brownstown, second by Woodhaven to adjourn the monthly SHVUA board meeting at 10:43 pm. All Communities are present besides Flat Rock, S. Rockwood and Van Buren . 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