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34001 W. Jefferson Ave, Brownstown Township, Michigan 48173

Regular Meeting Minutes November 20, 2024

The Board meeting was called to order by Chairman Tim Neighbors at 10:01 am at the Brownstown Township Hall.

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

Also present:	Dan Alford	Randy Pentiuk, Attorney
	Andy Mechel, Jacobs	Noah Bednar, Jacobs
	Bill Davis, HRC	Sean Bellingham, Van Buren
	Bill Miner, Van Buren	Stacey Reeves, Plante Moran
	Lauren Fath-Azam	

Agenda: As presented.

Minutes:

Motion by Brownstown, second by Flat Rock, to approve the Meeting Minutes from the October 16, 2024 Monthly Board Meeting. All Communities are present besides S. Rockwood. Motion carried unanimously.

Expenditures:

Motion by Huron, second by Woodhaven, to approve the October 2024 expenditures of \$985,151.83. All Communities are present besides S. Rockwood. Motion carried unanimously.

Approval of Amended 2024 and Proposed 2025 SHVUA Budgets:

Sean Bellingham presented to the board the amended 2024 and 2025 proposed SHVUA budget, which begins on page 52 of the meeting packet.

\$760,000 will be added to SHVUA's cash reserves after the 2024 year is completed. Positive impacts include; the interest revenue at \$100,000 over what was anticipated, utilities, chemical and solid disposals will be \$330,000 under budget, and \$450,000 in capital will be carried over to 2025 as it was not utilized. The 2025 budget proposed on page 54 proposes a 0% rate increase. Large items in the 2025 budget include the three major capital improvement projects. These are; the Haag tank repairs, the odor control project, and the water tower project. In conjunction with the EPA grant all of these projects are being paid with capital reserves. Page 56 details each Community's contributions. Regardless of the 0% rate increase, five Communities are experiencing a rate decrease and 2 Communities are experiencing a small rate increase due to the 5-year flow average. In the proposed budget the Authority will be fully funded in all its reserves, as well as the operating reserve, the capital replacement reserve and the self insurance reserve.

Motion by Flat Rock, second Woodhaven, to approve the Amended 2024 and Proposed 2025 SHVUA Budget as is presented. All Communities are present besides S. Rockwood. Motion carried unanimously.

Jacobs Report:

Noah Bednar reported that all NPDES limits were met this month with no issues noted. 12-hour coverage continues without any issues. The surface area received 1 inch of rain in the month of October and operated on two Biodecks. Exhibit 1 includes daily values showing three phosphorus spikes due to a rain event and Jacobs' cleaning and repair work in the Primary Clarifiers. Exhibit 2 shows total phosphorus and daily ferric usage. Exhibit 3 shows the NPDES permit limits and reported values for October. Lab Industrial user sampling was conducted for Ford Flat Rock Assembly Plant, Michigan Landfill, WDI and Quala Wash. 9 odor complaints were logged this past month with many from a single resident who has made prior complaints. Jacobs is working on a solution with HRC and Dan Alford to mitigate odors. Dan Alford added that the Jacobs' team has sent him a draft report which goes into detail on dates, times, weather conditions etc. as it relates to these odor complaints; per a clause in Jacobs contract that it is Jacobs' responsibility to identify the source of odor and make corrective recommendations. Right now there is a proposal to pilot a chemical odor control system to mitigate odors. Odor complaints are at their highest during late Summer and early Fall due to low flows and mild temperatures. Mr. Alford added that Jacobs has been very responsive.

Randy Pentiuk inquired if the odor complaints have been confined to Jacobs or if they are going to the Township or the State. Mr. Bednar noted that they are not aware of any other locations that complaints may have gone to. Mr. Alford added that a resident threatened to go to both Gibraltar and Brownstown municipal meetings but he hasn't heard if they followed through with that. This resident is about a quarter mile away from the plant with other houses in between them that haven't made complaints. A site visit may be needed to get further information and pinpoint the origin of this odor complaint.

Mr. Bednar continued to report on chemical and energy usage data, which is shown on Exhibit 5. Chemical usage has decreased compared to last year's usage. 1,900,000 gallons of Biosolids were removed and land applied this season. Nearly three million gallons of Biosolids were land applied this year. Everything is working as intended. Dan Alford inquired about storage availability. Mr. Bednar noted that there is over a year of storage available.

Andy Mechel reported that interceptor cleaning is now complete. Video footage was sent off to Dragonfly, which is an AI program to rate and identify any issues. Trenton Arm is getting their ethernet installed to hook up to the VFD's. Odette has been running well with no major issues. Activities for this month included the repair of the north bar screen in October, cleaning of Primary Tank #2 with repairs starting this week, and a contractor visit to evaluate all the HVAC systems to avoid any freezing issues. Works orders and PM's have been completed as scheduled. Housekeeping will be a focus once the dust settles from the construction project.

Activities planned for this coming month include the continuation of work on the Primary Clarifiers, the elevator repairs are delayed for now, the VFD installed on the tank blower for Lystek, searching for a solution for the Final Clarifier #1 drain, possibly replacing the RAS pipe, and marking the man holes on Streicher road. The water tower inspection is scheduled for the week of Thanksgiving.

Major equipment system status includes having one side of the Grit System down, Primary #4 is down due to work on the influent channel, as well as the secondary treatment Final Clarifier #2 due to construction issues. Miss Dig tickets have decreased with few markings in October. Training continues this November and results for testing will be available come December. Mr. Bednar added that the Razz pipe replacement is on the same system as Final Clarifier #1.

Mr. Alford inquired as to why the elevator repairs are delayed. Mr. Mechel noted that the Elevator Company wants payment ahead of time but Jacobs would like to see some confirmation on the condition of the Elevator before paying.

Mr. Pentiuik inquired what the date was for the Innovation meeting. Mr. Alford will get that meeting into the schedule and everyone will be updated. He notes that Jacobs' plans to have the meeting in January.

CDM Smith Billable Flow Report for October:

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

HRC Report:

Priority 1 & 2 Plant Improvement Project Update

Bill Davis reported that construction has moved slightly forward. Construction is around 98% completed. Final Clarifier #2 is completed but currently not online. A faulty switch was identified and replaced but the scum beach is leaking. The contractor is currently searching where the leak is coming from. Mr. Davis hopes to have that completed in the next 2 weeks.

Work in the Grit System included completing the handrail around the Grit Tanks. Operational issues occurred with the Grit System. Hydro is onsite to assist the plant and to get the system fully operational again under the warranty. The contractor has been working on repairs of the primary channel. The contractor has around 50 ft left and is struggling to complete the project due to keeping their spraying equipment operational.

Other work that was completed included the concrete repair work near Final Clarifier #4 and the patching up of cracked ceiling and pavement joints. The contractor has begun to demobilize and clean up the site. Restoration is nearly complete. By the end of November the hope is to have Clarifier #2 up and running and the influent channel work complete.

A claim was received from Heaney for time extension and delay claims. Mr. Davis thought this was eye opening as it amounts to \$3.1 Million. A meeting is scheduled later today to go through the claim. There are current items that are justifiable but Mr. Davis believes the claim of \$3.1 Million to be extreme. Mr. Alford added that we've had ideal environmental conditions for construction these last few months but we have seen Heaney still continue to delay the work.

System Manager Report:
Draft NPDES Permit

Dan Alford reported that we have completed the pre public notice negotiations. Items to note include; phosphorus being reduced to 0.6-0.7 parts per million (ppm) for the year, which is a more reasonable operating range than the 0.5-0.8 ppm proposed; and a 60% reduction in Mercury based on the numbers we have been delivering each month as well as receiving a 5-year permit renewal term. The draft permit has been posted on the front door of the WWTP's administration building to fulfill a public notice requirement.

System Accountant Agreement

Mr. Alford presented the recommendation to have a System Accountant contract. Recently he has had discussions with SHVUA leadership and Sean Bellingham. He would like to continue the outstanding service that Mr. Bellingham has been providing SHVUA. Compensation would be \$45,000 per year and subject to a consumer price index annual adjustment with a 3-year term.

Motion by Woodhaven, second by Van Buren to approve the creation of a System Accountant position and accept the recommendation to retain Sean Bellingham as its SHVUA System Accountant to replace the accounting services performed by Van Buren Township. The South Huron Valley Utility Authority authorizes the Chairman to execute the attached contract with Mr. Bellingham. All Communities are present besides S. Rockwood. Motion carried unanimously.

HRC Construction Administration Budget Authorization

Motion by Van Buren, second by Woodhaven for an additional \$45,000.00 for Hubbel, Roth & Clark, Inc. to complete the remaining Construction Administration work for the Priority 1 and 2 Capital Improvements Project, increasing the Current Authorization of \$3,377,120.00 to a new

total engineering budget of \$3,422,120.00 and the Chairman to execute it on behalf of the Authority. All Communities are present besides S. Rockwood. Motion carried unanimously.

DTE Rebate Check No. 2

SHVUA received a rebate check from DTE for a non-wired rebate program in the amount of \$3,250.

2025 Board Meeting Dates

Mr. Alford added that he does not see any conflicts for the upcoming 2025 board meeting dates. The Board agreed there are no conflicts, so Mr. Alford will get those dates published.

Attorney Comments:

Randy Pentiuik noted that a check will be received from MML for the damaged manhole in the Van Horn Rd. pavement. He continued to report that a subpoena was received from homeowners in Brownstown and the System Attorney is providing assistance currently. Mr. Pentiuik and his team are in touch with the insurance Attorney for the Township.

Other Business:

Stacey Reeves added that Plante Moran is beginning to plan for the Audit at this time. There is a potential for EPA funding for part of the capital projects. There are rules related to Federal awards/expenditures so separate regulations and compliance rules are associated with procedures and controls around Federally awarded money. Plante Moran will work with everyone to ensure that it is being monitored closely.

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 10:50 am. All Communities are present besides S. Rockwood. Motion carried unanimously.

Respectfully submitted,



Dan Alford, PE
System Manager