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34001 W. Jefferson Ave, Brownstown Township, Michigan 48173

Regular Meeting Minutes March 19, 2025

The Board meeting was called to order by Chairman Tim Neighbors at 10:00am at the Brownstown Township Hall.

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

Also present:	Dan Alford	Randy Pentiuk, Attorney
	Mark Houle, Jacobs	Noah Bednar, Jacobs
	Bill Miner, Van Buren	Bill Brickey, Plante Moran
	,	Bill Davis, HRC

Agenda: As presented.

Minutes:

Motion by Flat Rock, second by Brownstown, to approve the Meeting Minutes from February 19, 2025 Monthly Board Meeting. All Communities are present besides Huron. Motion carried unanimously.

Expenditures:

Motion by S. Rockwood, second by Brownstown, to approve the February 2025 expenditures of \$1,859,158.64. All Communities are present besides Huron. Motion carried unanimously.

Trial Balance and Budget to Actual as of March 31, 2025

Motion by Van Buren, second S. Rockwood to approve the Trial Balance and Budget to Actual as of March 31, 2025. All Communities are present besides Huron. Motion carried unanimously.

System Accountant Report:

Arbitrage Rebate Compliance Services Authorization Letter

Sean Bellingham requested authorization to execute an Arbitrage Rebate Compliance Services Authorization with PFM Asset Management. This agreement will allow for the determination of the amount of rebate liability with respect to the \$26,605,000 construction bonds used for the Priority 1 & 2 Plant Improvement Project.

Motion by Woodhaven, second by Gibraltar to accept the Arbitrage Rebate Compliance Services Authorization Letter from PFM Asset Management for a not-to-exceed amount of \$4,000 and the Chairman to execute it on behalf of the Authority. All Communities are present besides Huron. Motion carried unanimously.

Jacobs Report:

2024 Annual Report Summary

Mark Houle presented the 2024 Annual Report Summary which included: a report on the Jacobs' staff who are dedicated to furthering their education, a decrease in operational costs, compliance with permit requirements, MISS DIG services, Biosolids handling, and Emergency response. Jacobs continues to conduct laboratory quality assurance and quality control in house. Jacobs is committed to protecting the Authority's facilities and equipment by practicing routine preventive and predictive maintenance. The Financial Summary encompasses utility costs, chemical costs, biosolids costs and the total cost to the Authority from 2019 through 2024. Jacobs seeks opportunities to support the Communities we work in, and the water environment profession in general through various initiatives. Jacobs is following the substantial completion of the capital projects with HRC and Heaney and moving forward with additional projects.

Dan Alford noted out the graph on page 6 of the Annual Report as it tells the story of improved removal of the total suspended solids in the effluent. This is a great representation of how well the plant is being operated.

Noah Bednar reported on the monthly report. The first page showcases the new Final Clarifier with minimal scum. There are no NPDES exceedances for the month. Around 1-inch of precipitation was received in the month of February. Final Clarifier #4 was able to be put back into service with a few adjustments. 12-hour coverage continues without issues. Results are inconclusive at this time to see the impact of the increased orthophosphorus dosing in drinking water by GLWA. Jacobs will continue to look at the parameters closely to monitor the long-term impact of this change.

The February 2025 graph for total phosphorus, precipitation, and influent flow shows some spikes in precipitation with no change in influent flow. These events were mostly due to snow. Ferric usage on Exhibit 2 follows phosphorus. With the temperature swings, more ferric needed to be utilized. Exhibit 3 shows compliance data for NPDES limits. Three odor complaints were received in February. All complaints were from neighbors who have made prior complaints. Mr. Houle believes that one neighbor will continue to make complaints regardless of plant operations. His team will continue to do their best to minimize odors and address complaints. During the prior odor complaint visit Jacobs' odor sensors did not pick up any odors. Bringing forth his experience working for DUWA, Mr. Alford added that there are many more odor complaints compared to what SHVUA receives. From a management standpoint it will be much more expensive to eliminate odors completely versus maintaining minimal odor levels and this

will ultimately be the Board's decision on what is reasonable. Randy Pentiuk appreciates Jacobs' responsiveness to addressing residents' concerns.

Mr. Bednar continued to report that ferric usage is up by 50%. Jacobs was able to get bisulfite and hypochlorite numbers back down. Exhibit 7 shows that LysteGro production doubled for the month with only utilizing 10% more chemicals. Biosolids inventory is ready for land application. Land application should begin in late April or early May at the latest. The Jacobs' team is evaluating data that's going through the Dragonfly AI system from last year. After the evaluation is completed, Jacobs will bring a report forward.

Issues at Trenton Arm include work on the flow meters. For utility maintenance two Primary Clarifiers will have repairs continue after they have thawed. Mr. Bednar added that the West Grit tank is back in service. For the CMMS system, work order completion rate is still above 80%.

Mr. Alford inquired as to why work order backlog numbers have shifted from the typical numbers, specifically the 12 month rolling numbers. Mr. Houle noted that they are working on updates and may have just not yet adjusted.

Mr. Bednar added that activities planned for next month include draining the Primary Clarifiers, installation of the new sump pump for the Elevator Shaft, installation of the rotating assembly on RSP #6, heating adjustments on the buildings and the trial start of the pilot odor control system. Another big upcoming item is the replacement of the hypochlorite tank due to a leak.

Tim Neighbors inquired if the scum picture in the meeting packet is within the normal amount. Mr. Houle noted that it is about average.

CDM Smith Billable Flow Report for February:

Capacity Exceedances

Dan Alford informed the board that there were no exceedances for this month of February. Motion by Van Buren, second by Woodhaven to receive the CDM Smith Billable Flow Report for February. All Communities are present besides Huron. Motion carried unanimously.

HRC Report:

Priority 1 & 2 Plant Improvement Project Update

Bill Davis reported that for February there was not much progress made due to the cold weather. The issues with Final Clarifier #2 and #4 have not yet been resolved. With some manipulation to Final Clarifier #4 Ovivo was able to get it back into service but still has issues due to the scum beach leaking. A contractor will be onsite April 1st to replace parts in Final Clarifier #2. On April 10th further evaluation and testing will be conducted. Next month's plan, weather permitting, is to get Clarifier #2 up and running, revisit Clarifier #4 and replace the flapper valve.

Mr. Davis has begun to review claims, created a timeline and expects to have something for Mr. Alford for review with the goal of starting discussions on our response. Other punch list items need to be taken care of once the weather breaks. Mr. Davis has every indication that these items will start to be taken care of.

System Manager Report:

SHVUA Scanning Project

Dan Alford reported that he has contacted a recommended good scanning contractor to get quotes for the document scanning project. The invested cost won't be a large burden to the Authority and will provide seamless protection of SHVUA's historical documents.

Documentation will need to be gathered for this process. Mr. Alford is still estimating the amount of scanning that will be required. He has received a nearly \$250 quote from GoDaddy to upgrade the SHVUA email account for the remainder of the year. This additional cost upgrades the email to a business 365 account which includes: 1 terabyte of cloud storage, Teams, and other Microsoft Office software. The upgrade will allow SHVUA to share everything via cloud. In addition to the cloud storage, Mr. Alford plans to have a physical backup drive.

Attorney Comments:

Randy Pentiuk was impressed by the responsiveness of everyone's efforts as it relates to getting letters of support for the Federal funding. Other than business as usual Mr. Pentiuk added that Heaney has hired an Attorney. Mr. Davis's efforts of gathering information should help aid in finding a solution.

Other Business:

No other business is to be presented at this time.

Adjournment:

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

Respectfully submitted,



Dan Alford, PE
System Manager