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34001 W. Jefferson Ave, Brownstown Township, Michigan 48173

Regular Meeting Minutes November 22, 2023

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

Roll Call: Brownstown – Roxie Fairchild S. Rockwood – Frank Wenzel
 Flat Rock – Eric Holtz Gibraltar – Garrett Shumate
 Huron – Eric Scanland Van Buren – Sean Bellingham
 Woodhaven – Tim Neighbors

Also present: Dan Alford Randy Pentiuk, Attorney
 Mark Houle, Jacobs Nathan Callison, Jacobs
 Andy Mechel, Jacobs Scott Mangold, Jacobs
 Bill Davis, HRC Lauren Fath-Azam
 Michael Landis, Gibraltar Stacey Reeves, Plante Moran

Agenda: As presented.

Minutes:
Motion by Gibraltar, second by Flat Rock, to approve the Meeting Minutes from the October 18, 2023 Monthly Board Meeting. All Communities are present. Motion carried unanimously.

Expenditures:
Motion by Van Buren, second by Woodhaven, to approve the October 2023 expenditures of \$666,817.90 All Communities are present. Motion carried unanimously.

Approval of Amended 2023 and Proposed 2024 SHVUA Budgets

Sean Bellingham presented the Amended 2023 budget to the board. It will be about \$800,000 less than anticipated for the 2023 year largely due to moderate chemical costs and no landfilling costs. Carrying revenue forward to 2024 the Authority will be able to fully fund the \$3,000,000 of various reserves. Mr. Bellingham presented the proposed 0% increase for 2024. The 0% increase is partially due to last year's 8% budget increase based on the anticipated high inflationary costs. He also presented a proposed amount of \$750,000 in capital for projects to be coordinated between Jacobs and the Authority. Pg 55 shows the anticipated rate increase and decrease for each Community based on the last 5-year flows.

Motion by Woodhaven, second by Flat Rock, to approve the Amended 2023 and Proposed 2024 SHVUA Budgets All Communities are present. Motion carried unanimously.

Jacobs Report:

Mark Houle reported that all things regarding the budget have been going as projected. There will be one more push to get the remaining biosolids out starting next week. The plant has been running well and Jacobs is relieved to not be worried about biosolids. The outlying PFAS number decreased in October's testing and are again below the water quality standard. Mr. Houle added that it is difficult to pinpoint if the high PFAS number was due to Willow Run Airport construction work or due to CIP project construction materials.

Nathan Callison reported that October is a busy month for regulatory reporting. Stormwater inspections were conducted on the 4th and the 18th. On the 27th monthly spill and countermeasure inspections were conducted with no issues noted. Flow data and system precipitation was given to CDM Smith on November 5th. Annual biosolids DMR data was submitted on the 26th of October. On the 30th Jacobs submitted their biosolids report to EGLE. The asset management plan update was submitted on October 30th. The monthly DMR and MOR were submitted on November 16th for the month of October. No compliance communications were received from EGLE. The system received 2.4" of rain. Jacobs did not utilize the EQ Basin this month and have only been utilizing 2 Biodecks and 2 Final Clarifiers since September 12th for operational and energy efficiency. DTE has removed the plant generator. Jacobs team is looking at various options for future needs. Clarifier #1 was demolished on Aug 7th, leaving the plant at 75% capacity in October. 12-hr coverage continues without any issue. Jacobs continues to be proactive with adding staff as needed. Lystek was able to haul 1.46 million gallons of LysteGro to farm fields in October and will restart hauling come Monday. Without any more hauling the plant would be good until the end of June 2024. Mr. Callison noted that on page 70, exhibit 1 shows precipitation flows and total phosphorus parameters. Average effluent ortho phosphorus readings and daily ferric chloride readings are shown on the following page in exhibit 2. No NPDES exceedances for this month. Mr. Callison reported that the laboratory water system has been working great. Exhibit 4 shows the average chemical usage per day and the average monthly usage. Mr. Callison added that the sludge haul went very well. The plant produced almost 600,000 gallons of LysteGro this month leaving the plant in the best sludge condition in history.

Michael Landis inquired why Jacobs was able to use less than what was budgeted for chemicals this year. Mr. Callison responded that Jacobs used more bulk chemicals versus the more

expensive totes. Mr. Houle added that there were a few times that Jacobs used totes but the overall cost did not increase as projected. Jacobs did modify their reordering process where they order chemicals ahead of time to avoid delivery delay issues during the pandemic.

Mr. Landis inquired if we have a solid contact at DTE in case another major storm were to roll in. Dan Alford added that he does have a good contact at DTE and is in touch with them to discuss what their needs are in case of another emergency. Mr. Alford is helping them understand our needs and what we provide to countless residences and businesses in the area.

Andy Mechel reported that the interceptor cleaning and televising is coming to a completion. The Romulus hydrobrake regulator and 12-inch line leaving from the regulator manhole will be addressed next week. The repaired VFD for Trenton Arm has arrived which will be up and going again shortly. In regards to Odette the new spare pump has arrived. Cleaning and painting continues of plant piping. Jacobs continues to work on sludge transfer pump P-104 and has made minor adjustments to the loading platform. Work orders and PM's are getting completed in a timely manner. Jacobs will continue to work with HRC on the CIP project. In the next few weeks Jacobs will continue to install perimeter signs. Plans for this month include Primary Clarifier evaluations and repairs. Elevator parts have been arriving at the plant and once all parts are in, rebuilding will commence. Jacobs will be gathering quotes on pipe repairs for the 24-inch recycle line in the plant. The new break resistor will be installed for P104 and the bioinfluent valve for Biotank #1 is fully functional. Jacobs will continue to assist with hauling as needed. A drain valve broke on Final Clarifier #1 which Jacobs is finding a solution for. Miss Dig continues as expected. Mr. Alford inquired as to how we could improve the map for Miss Dig. Mr. Mechel believes that the best plan of action would be to get a better GIS layout.

Scott Mangold notified the board that the annual Innovation Workshop is December 12th from 8:30-3pm. Breakfast and lunch will be provided with discussions including: cyber security, supply chain issues, PFAS regulations, using AI at Wastewater Treatment Plants, and various others. Mr. Mangold looks forward to seeing all who can attend.

Randy Pentiuk circled back that SHVUA has an arrangement with Romulus to clean the regulator that services Romulus' flow and an invoice will be sent to them. Mr. Alford added that the quote is around \$2,700.

CDM Smith Billable Flow Report for October:

Motion by Van Buren, second by Woodhaven, to receive the CDM Smith Billable Flow Report for October. All Communities are present. Motion carried unanimously.

HRC Report:

Priority 1 & 2 Plant Improvement Project Update

Bill Davis reported that construction is at 80% completion. HRC continues to provide construction observation and construction administration throughout the month. HRC made steps forward and backwards in regards to Clarifier #1. The center column was grouted and the equipment manufacturer inspected everything and gave the go ahead. The Clarifier was started

up this past Monday and did not perform hydraulically as it should be. It was taken offline and the seal that was causing issues will be fixed. The demolition in the West Grit system was completed. A bypass plan was developed to allow the bypass piping system to be put in place. This will begin this coming Monday. The Bypass should be up and running by the end of next week. P4 issues have been resolved. The motor was replaced and the VFD was installed on P6. Demolition of P2 has begun and today the VFD is being worked on. Joint and crack sealing was completed last month. Mr. Davis continues to work with Mr. Alford on the contractors claim for additional time and cost associated with construction at Odette. Mr. Davis is also working on scheduling a meeting with the contractor to have further discussions. HRC has assisted Jacobs to help develop a flow control plan with the sewer lining at the plant. In regards to Lystek odors: recently they have not been an issue. HRC will be working to install a VFD on the fan once sludge hauling is completed. At that time they will be able to take some measurements to figure out what exactly they need to do for odor control. Moving forward this month HRC hopes to resolve Clarifier #1 and begin work on Clarifier #4. HRC will be working on concrete repairs in the channel and in the Git Tank area, as well as working on the Grit piping itself. HRC is working on change order 12 which Mr. Davis will bring to the next board meeting. Completion date is set for July of 2024.

System Manager Report:

CDM Smith Contract for Flow Metering Analysis and Maintenance

Dan Alford reported that CDM has been doing a good job and he finds them to be responsive and good to work with. CDM was also able to lower prices by switching subcontractors. Mr. Alford recommends moving forward with the CDM Smith Contract.

Motion by Woodhaven, second by Van Buren to approve the agreement between South Huron Valley Utility Authority and the engineering firm of CDM Smith for flow metering services for a 3-year period (2024-2026) in the amount of \$820,340.00 and authorizing the Chairman to execute said Agreement. There is an additional 2-year renewal option (2027-2028) in the amount of \$576,089.00 for future consideration. All Communities are present. A roll call vote was taken for this contract amendment:

Brownstown – yes; Flat Rock – yes; Gibraltar – yes; Huron -yes; S Rockwood – yes; Van Buren – yes; Woodhaven – yes.

Motion carried unanimously.

HRC Construction Administration Budget Authorization

Mr. Alford continued to report that HRC is requesting authorization for an additional \$270,000.00 to complete the Construction Administration work extended by the delay of the construction contract, establishing a new total engineering budget of \$3,377,120.00 per the attached communication in the board meeting packet. The new total engineering budget is

12.68% of the total construction cost of \$26,630,245.00, which still falls in engineering construction industry standards.

Motion by Woodhaven, second by Van Buren to approve the additional \$270,000.00 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 \$3,107,120.00 to a new total engineering budget of \$3,377,120.00 and the Chairman to execute it on behalf of the Authority. All Communities are present. A roll call vote was taken for this contract amendment: Brownstown – yes; Flat Rock – yes; Gibraltar – yes; Huron -yes; S Rockwood – yes; Van Buren – yes; Woodhaven – yes.

Motion carried unanimously.

DTE Primary Supply Agreement

The System Manager is requesting authorization to execute a Primary Supply Agreement with the DTE Electric Company. This agreement will preserve the levels of service and the rate schedule D11 that SHVUA has received historically.

Motion by Woodhaven, second by Huron to authorize the DTE Primary Supply Agreement and the Chairman to execute it on behalf of the Authority. All Communities are present. A roll call vote was taken for this agreement:

Brownstown – yes; Flat Rock – yes; Gibraltar – yes; Huron -yes; S Rockwood – yes; Van Buren – yes; Woodhaven – yes.

Motion carried unanimously.

2024 Board Meeting Dates

Mr. Alford asked if the Board wants all upcoming 2024 dates to fall on the third Wednesday of each month including November's board meeting. The Board agreed with the third Wednesday of each month schedule.

Attorney Comments

Randy Pentiuk added that he continues to have correspondence between Senator Peters' Office and Congress Representative Dingell's Office in hope of receiving funding in the following year/years.

Mr. Pentiuk continues to connect with the class action Attorneys that SHVUA has spoken to in the past about multi district litigation involving PFAS. The focus still seems to be on drinking water so Mr. Pentiuk and his team are monitoring when and if the focus expands to Wastewater Treatment plants.

Insurance claims are progressing in respect to the elevator, generator fire and the lightning strike. With respect to the Odette Pump Station situation Mr. Pentiuk and his team have filed claims with the general contractor Heaney and sub-contractors. He is optimistic that SHVUA will see some recovery. Mr. Pentiuk continued to note that claims directly to SHVUA in regards to basement flooding have been rejected.

Other Business

Mr. Landis reported that the City of Gibraltar has been approached by EGLE in regards to a PFAS/ammonia pretreatment facility for leachate from the old Countywide Landfill site off of Vreeland Rd. The proposal was sent to Gibraltar and forwarded to Dan Alford. There will be a public meeting on November 29th to view a presentation of the proposed PFAS concentration process facility. All are welcome to attend. The proposal includes tapping into the SHVUA interceptor. Mr. Alford added that the piping to SHVUA will be solely dedicated to bathroom drains.

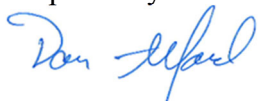
The Board was introduced to Garrett Shumate, the Mayor of Gibraltar at this time. All attendees then introduced themselves and spoke about their contribution/roles to SHVUA.

No other business was presented at this time.

Adjournment:

Motion by Van Buren, second by Woodhaven to adjourn the monthly SHVUA board meeting at 11:05pm. All Communities are present. Motion carried unanimously.

Respectfully submitted,



Dan Alford, PE
System Manager