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34001 W. Jefferson Ave, Brownstown Township, Michigan 48173

Regular Meeting Minutes April 17, 2024

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

Roll Call: Brownstown –Justin Danosky S. Rockwood – Art Wenzel
 Flat Rock – Eric Holtz (Absent) 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, HRC
 Andy Mechel, Jacobs Scott Mangold, Jacobs
 Nicke Lenzi, Jacobs Bill Davis, HRC
 Stacey Reeves, Plante Moran Sean Bellingham, Van Buren
 Ed Smith, Brownstown

Agenda: As presented.

Minutes:

Motion by S. Rockwood, second by Brownstown, to approve the Meeting Minutes from the March 20, 2024 Monthly Board Meeting. All Communities are present besides Flat Rock. Motion carried unanimously.

Expenditures:

Motion by Brownstown, second by Woodhaven, to approve the March 2024 expenditures of \$875,133.25. All Communities are present besides Flat Rock. Motion carried unanimously.

Budget to Actual and Trial Balance as of April 30, 2024:

Motion by S. Rockwood, second by Van Buren, to approve the Budget to Actual and Trial Balance as of April 30, 2024. All Communities are present besides Flat Rock. Motion carried unanimously.

Approval of 2023 Look Back Report and Calculations:

Sean Bellingham presented to the Board the look back report and calculations. He noted that historically there hasn't been a refund but over the last couple of years there has been favorable results from the financial results. This year the Authority will refund around \$360,000 to five out of the seven Communities. Checks will be sent out the following month with the Board's approval.

Motion by S. Rockwood, second by Brownstown to approve the 2023 Look Back Report and Calculations and to authorize refund payments back to the municipalities. All Communities are present besides Flat Rock. Motion carried unanimously.

SHVUA 2023 Financial Statement, Audit, and Equity Reports:

Stacey Reeves presented to the Board the 2023 Financial Statement, Audit, and Equity Reports which is listed on page 78 of the Board meeting packet. Some highlights include Plante Moran's opinion on page 80, which states the Authority received an unmodified/clean opinion; the highest level to receive. Page 82 shows a summary of the financial statement which includes the Authority's assets and liabilities compared to the prior year. The bottom of the page shows the Authority's net position. Page 83 displays the Authority's revenue and expenses in total which are consistent to the prior year. Page 87 shows the statement of cash flows. On page 98 is Plante Moran's end of Audit letter. Mrs. Reeves added that the process went very smoothly.

Motion by Gibraltar, second by Woodhaven to approve the 2023 Financial Statement, Audit, and Equity Reports. All Communities are present besides Flat Rock. Motion carried unanimously.

Mrs. Reeves thanked Sean Bellingham for his assistance in regards to supporting Plante Moran through this process. Sharry Budd also thanked Mr. Bellingham for his continued efforts.

Equity Calculations

Mr. Reeves continued to report that on page 100 shows each Community's invested interest in the Authority.

Jacobs Report:

Mark Houle reported that March is routinely a busy month in which a few extra reports are due. They include the Industrial Pretreatment, Mercury Minimization report and a PFAS report. Mr. Houle noted that the PFAS numbers were good. The Biosolids numbers were below the new requirements. The affluent numbers are back to normal and under control. There are no NPDES issues with discharge. The plant was down to two Biodecks but had to ramp up to three and had to bypass due to rain events. Jacobs likes to run the plant on 2 Biodecks to lower the electric bill but needs to wait until the flow goes down after rain events. There was a phosphorus issue when the return sludge pumps quit returning. They have been fixed. The plant's monthly average for total phosphorus was 0.81 milligrams per liter since the plant's average was low during most of

the month. NPDES parameters were all met. Three Industrial users were sampled this past month. With the annual Industrial Pretreatment Program evaluation, industrial users that are over compliance limits for 6 months have to be published in the newspaper. Only two were over their limits and both were published and issued letters. Jacobs is managing things correctly and both are on track for better numbers in the future.

Dan Alford inquired that given that the State is proposing new limits where does that leave operations and our recent phosphorus number of 0.81 mg/L for the month which was within current limits. Mr. Houle noted that the future limit may be 0.7 mg/L for the non-growing season months of the year. From April-September Jacobs will need to average below 0.5 mg/L and at any point the plant will need to be under 0.7 mg/L. Mark added that operations started using plant polymer to assist with phosphorus removal and doesn't think there will be a problem meeting the potential new phosphorus limits. There may also be an ammonia, sulfate and chloride limit to come. As time goes on the plant's parameters will smooth out and energy usage will decline with the completion of construction. Mr. Houle continued to report that there is operational sludge storage until October but Lystek plans to be at the plant the first week of May. Mr. Houle added that he has been keeping a budget table for Mr. Alford and others.

Andy Mechel reported that in regards to collections systems the regulator/hydro break was cleaned and televised. A report was given to Dan Alford. The Trenton Arm VFD has been installed and Jacobs will switch all VFD's to ethernet control. Cleaning and painting continues. The fill valve on Lystek storage cell #4 was seized up and has been rebuilt and put back in. A storm drain was rerouted for the Grit building and is working well. Jacobs is still waiting on a repair quote for the water line that froze in the blower building. PM's and CM's are moving along. Jacobs continues to assist to keep the CIP project moving along as best as they can. Activities planned for this month include continuing with the primary clarifiers and putting the sump pump in the elevator shaft. The air has not been very kind to the elevator since it's been sitting for years and may require additional funds. The pipe lining project should be scheduled by the end of this month. The new liner was ordered and Mr. Mechel thanked Bill Davis for helping with the process. The hydraulic pump will come back from Detroit Pump and will also be getting one of the rotating assemblies back for the raw sewage pumps. Jacobs has noticed that a valve on the sodium bisulfate system has a leak which will be repaired by an outside contractor due to safety concerns. Equipment status has not changed much and hopefully soon more things will be running. MISS DIG averages about 25 tickets per month. Staff training and sustainability continues with safety training this month. Mr. Alford inquired about the Annual Report. Mark Houle added that the Annual Report will be complete next week.

Scott Mangold announced that Noah Bednar will be taking over as the Operations Manager on April 29th. Mr. Bednar is looking forward to working with everyone further. Mr. Mangold continued to report that there was some staffing reconfiguration within Jacobs and Nick Lenzi based from Chicago will be taking over the SHVUA project starting May 1st. Mr. Lenzi introduced himself to the Board and is looking forward to being a part of everything.

CDM Smith Billable Flow Report for March:

Motion by Brownstown, second by Woodhaven, to receive the CDM Smith Billable Flow Report for March. All Communities are present besides Flat Rock. 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 84% complete. The focus remains on the Grit System and on Clarifier #4. Moving forward HRC will be assessing what level of observation staff will be needed at the plant to get through the remainder of the construction. Demolition was completed and construction repairs have begun on Clarifier #4. Clarifier #4 work will continue throughout the end of this month and until the end of May. HRC continues to monitor the work on a full bypass in regards to the Grit System. Concrete repairs within the grit tanks have been completed and work in the channels continue. The flow meters are now operational. The new Grit Pumps and equipment in the Grit gallery are all installed and waiting to be started up in the next 2 weeks or so. Contractors estimate that grit will be starting up at the end of next month. Mr. Davis believes it will take a week of additional time for full start-up. HRC continued with construction administration and worked on developing change order 13 for Heaney. The change order includes several items. As far as the schedule goes the contractor says July but Mr. Davis noted that the date given by the contractor is incorrect and will be later than they have submitted.

Construction Change Order #13

Motion by Woodhaven, second by Brownstown to approve an increase to Heaney General Contracting, Inc.'s total construction contract amount by \$100,835.90 from the current contract amount of \$20,883,694.36 to the new amount of \$20,984,530.26 and to increase the Odette pump station substantial completion date by 63 days and for the Chairman to execute it on behalf of the Authority. All Communities are present besides Flat Rock. Motion carried unanimously.

Mr. Alford added that he agrees with this change order.

System Manager Report:

Construction Issues / Technical Meeting Summary

Dan Alford reported to the Board that his efforts in assisting with construction has taken most of his time as well as the recent Technical meeting. He was happy with the discussions that took place which included a preliminary proposal to provide the seven communities of SHVUA a method to calculate their ultimate capacity while balancing NPDES obligations. Mr. Alford added that this will be a process. The plant is currently at 24 MGD of treatment capacity and is looking to increase that when construction is completed with a re-rating of the plant. Mr. Alford plans to have quarterly Technical meetings moving forward.

Attorney Comments:

Randy Pentiuk added that he's recovering with the news of Noah Bednar's move and would like to have a discussion with Mr. Alford and Bill Davis about how they will continue operating. Mr. Pentiuk added that he also wants to discuss construction documentation needs with the Jacobs and HRC teams.

He continued to report the submission to Senator Peters office was timely and came back with questions to Tim Neighbors. Mr. Pentiuk thanked the SHVUA team's responsiveness. Mr. Pentiuk and his team are monitoring the new EGLE State website portal for more opportunities and monitoring the PFAS issues closely.

Other Business:

Tim Neighbors introduced Brownstown Township Supervisor Ed Smith and thanked him for letting SHVUA utilize the room for the meetings. Mr. Smith was pleased to hear how well SHVUA operates and is thankful for everyone's level of expertise. No other business was presented at this time.

Adjournment:

Motion by S. Rockwood, second by Brownstown to adjourn the monthly SHVUA Board meeting at 10:49pm. All Communities are present besides Flat Rock. Motion carried unanimously.

Respectfully submitted,



Dan Alford, PE
System Manager