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34001 W. Jefferson Ave, Brownstown Township, Michigan 48173

Regular Meeting Minutes February 21, 2024

The Board meeting was called to order by Chairman Tim Neighbors at 10:05am at the Woodhaven City Hall.

Roll Call: Brownstown –Roxie Fairchild S. Rockwood – Art Wenzel (Absent)
 Woodhaven – Tim Neighbors Gibraltar – Garrett Shumate
 Huron – Eric Scanland Van Buren - Sharry Budd
 Flat Rock – Eric Holtz (arrived at 10:15am)

Also present: Dan Alford Randy Pentiuk, Attorney
 Mark Houle, Jacobs Nathan Callison, Jacobs
 Andy Mechel, Jacobs Scott Mangold, Jacobs
 Bill Davis, HRC Vincent Pastue, Gibraltar
 Sean Bellingham, Van Buren Stacey Reeves, Plante Moran
 Bill Brickey, Plante Moran

Agenda: As presented.

Minutes:

Motion by Gibraltar, second by Huron, to approve the Meeting Minutes from the January 17, 2024 Monthly Board Meeting. All Communities are present besides Flat Rock and S. Rockwood. Motion carried unanimously.

Expenditures:

Motion by Woodhaven, second by Huron, to approve the January 2024 expenditures of \$512,416.65. All Communities are present besides Flat Rock and S. Rockwood. Motion carried unanimously.

General Ledger Trial Balance as of February 29, 2024:

Motion by Brownstown, second by Van Buren, to approve the Trial Balance as of February 29, 2024. All Communities are present besides Flat Rock and S. Rockwood. Motion carried unanimously.

Pre-Audit Communication Letter, Plante Moran:

Stacey Reeves presented the pre audit Communication letter. Plante Moran will be working with Sharry Budd and Sean Bellingham as part of the audit process and will start the first week of March. Plante Moran plans to present at the April board meeting. As part of the process additional time will be spent at the lookback calculation and the capital improvement projects. Stacey invited anyone to provide additional concerns to Plante Moran. Mayor Garrett Shumate inquired if there were any significant findings last year or new standards for this year. Mrs. Reeves noted that there was none and that there are no new standards this year that will impact the Authority. Mrs. Reeves introduced Bill Brickey from Plante Moran who will be working with Alisha Watkins and herself in respect to the Authority moving forward. Mr. Brickey introduced himself to the board and is looking forward to working with everyone. He noted that he works with many Downriver communities.

Motion by Gibraltar, second Brownstown to receive and file the Plante Moran Communication letter. All Communities are present besides Flat Rock and S. Rockwood. Motion carried unanimously.

Jacobs Report:

Mark Houle reported that this morning he received a call from an EGLE employee who is working on a communication related to the January bypass event. Mr. Houle was surprised as they did not receive anything from the August event and he believes that EGLE just wants to have the event in writing. Mr. Houle continued to report that January was a busy month of flows. Contractors are finishing up the area where the new grit system will be installed. Mr. Houle added that there was larger volumes of grease noticed entering the WWTP during the recent high flows. The grease did not affect the plant as Jacobs worked swiftly to get it cleaned up. Mayor Shumate asked if the grease was weather-based. Mark replied that grease slowly builds up on the walls of sewers and stays there until high flows which then washes it down the pipes all at once. Andy Mechel added that the City of Gibraltar was able to provide wood chips so Jacobs could use them to help push grease through the screenings conveyor and into the dumpster. Tim Neighbors added that some restaurants in Woodhaven were found to be dumping grease into their local system due to their location on a dead-end sewer. The grease was found and cleaned up by the City, which will also issue a violation to the restaurants.

Nathan Callison reported that all routine inspections, NPDES required inspections, and a quarterly comprehensive inspection were completed with no issues noted. A bypass was done from the rain event on January 26th. A notice was submitted to EGLE on the 26th and then a final notice of the completion of the Bypass submitted through MyEnviro to EGLE. Monthly

spill and countermeasure inspections were conducted with no issues noted on January 30th. On February 7th monthly plant flow data, precipitation and Koala wash data was submitted to CDM Smith. On the 12th DMR and MOR data were submitted. No compliance issues were received in the month of January but Mr. Callison does expect to receive one for the rain event in January. 4.02-inches of precipitation was received this month. The EQ Basin was not utilized due to construction limitations. Currently Jacobs is using three aeration trains and have been in service through December into January. Two Biodecks were utilized for around 6 days then moved back to three Biodecks. Flows have continued to be higher than normal. The plant is at 75% capacity due to the Clarifier #4 shut down. 12-hr coverage continues without issue. Mr. Callison continued to point out Exhibits 1 and 2 in the board meeting packet. He noted that ferric usage was increased to try to get the average phosphorus reading back down. Exhibit 3 shows NPDES permit limits for each parameter. No permit exceedances. Mr. Houle added that fecal coliform was sampled the next day and sampled in the afternoon as that is when numbers usually come down. Exhibit 4 shows chemical and energy usage. Chemical usage was a bit high but is to be expected with high flows. No biosolids were land applied in January and 431,000 gallons of LysteGro was produced.

Garrett Shumate inquired if there are year to year numbers to compare to in relation to Exhibit 4. Mr. Houle added that those numbers will be included in the upcoming Annual Report. Randall Pentiuik asked about the recent high flow events and if this could be an indication of new infiltration and inflow into the sewer system. Mr. Houle said that he's spoken with many other sewer system operators and they all have experienced higher than normal flows this past January due to the weather, snow and thawing ground frost.

Mr. Callison added that there will be a change to the leadership team. Mr. Callison has accepted a Regional Technical Specialist position within Jacobs. He added that he will now be the Technical Specialist over 22 locations and his home base will be at SHVUA. Jacobs immediately started looking at candidates to replace himself and found someone that will be a great fit for the role. Scott Mangold added that Mark Houle will remain as the Project Manager, Andy Mechel will be promoted to Assistant Project Manager and underneath Mr. Mechel will be a Maintenance Manager, an Operations Manager, and a Lab Manager.

Andy Mechel reported that in regards to the collection systems everything that Jacobs wanted to clean and televise was done last year. They will continue with the next section of televising and manhole replacements. Jacobs is working with HRC and Detroit Pump to work on finding a solution for future rain events as it relates to Odette as they do not believe it is keeping up as it used to. Mr. Neighbors asked if it's a pumping or a high flow issue. Mr. Mechel thinks the pumps may need to be upsized. Dan Alford added that they will need to look at the data specific to each option to confirm what the best solution is. Bill Davis added that historically the Odette PS saw higher flows due to a larger upstream area, but the expansion of the SHVUA collection system resulted in a decrease of flow to Odette PS. Eric Scanland contributed that Huron Twp is doing a pipe lining project now and will inspect the township sewers upstream of Odette PS.

Mr. Mechel continued to report that Jacobs worked with DTE to increase the gas pressure to help aid the new boiler at Lystek. Hypo leaks were addressed. A major water line break occurred in the blower building. Mr. Mechel will have a quote on that soon. All PMs are getting completed

and Jacobs continues to work with HRC to keep the CIP project moving. Next month Jacobs continues with Primary Clarifier evaluations and hopes the elevator parts are delivered. Jacobs is working on getting a pipe lining contractor into their financial system so they can begin on the pipe lining project. Hydraulic pumps were taken out of the LysteGro tanks to be sent out to Detroit Pump for evaluation. Waiting on rotating assembly for pump 6. Currently there are 5 raw sewage pumps available. In January 32 tickets and 13 markings were produced in regards to Miss Dig. Training continues with a class coming up in May.

In regard to the primary bypass, Dan Alford added that we met and continue to meet all permit parameters. The plant was designed to pump 70 million gallons and then treat 24 million gallons per day. There is no need for SHVUA to increase the plant treatment capacity.

CDM Smith Billable Flow Report for January:

Motion by Gibraltar, second by Brownstown, to receive the CDM Smith Billable Flow Report for January. All Communities are present besides S. Rockwood. 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. The construction remains at 82% completion. Final Clarifier #4 demolition is proceeding. The high plant flows did delay progress. The Grit System contractor had made multiple adjustments to the bypass piping. There were multiple days of shutdowns and reconfiguring the bypass piping to make way for construction. Concrete repairs were done on the Grit Tanks themselves and the concrete pour was completed last Friday. The headworks pump P3 was successfully commissioned last month. The pump motor VFD replacement is completed besides flow testing. In regards to the Admin building the HVAC work contractor did punch list items and warranty work to get heat blowing where it was lacking. Moving forward the work will continue on the Grit removal system. Commissioning of the new Grit System will begin the last week of March to the first week of April. Work will continue on Clarifier #4. The schedule still shows July for Clarifier #2. HRC is currently working on resolving construction issues and claims.

System Manager Report:

Jacobs Amendment No. 7

Motion by Woodhaven, second by Gibraltar to approve Amendment No. 7 to the Agreement for Operations, Maintenance and Management Services between Jacobs and SHVUA, which shall take effect on January 1, 2024, subject to the confirmation of the calculations and compliance with the appropriate provisions of the Contract by the System Manager, System Attorney and System Accountant. All Communities are present besides S. Rockwood. Motion carried unanimously.

Resolutions for Board Representative Alternates

Dan Alford has received three responses to his letter requesting the alternate of each Board Representative for their Community which include: Flat Rock, Woodhaven and Huron.

Board Meeting Location and Dates for March/June

Mr. Alford has found out that our scheduled June meeting date is a Holiday. The proposal is that we move the June 19th meeting date to June 26th. Mr. Alford added that next month's Board meeting could be moved to take place at the SHVUA plant if the Board desired to see a presentation from the Huron River Watershed Council about recent Huron River water quality testing results. The normal Board meeting would adjourn before the water testing presentation so Board members could leave if they needed too. The Board approved of the meeting location change.

Mr. Alford continued to report that there has been a lot of work on the Construction project helping HRC manage the Heaney contract.

Attorney Comments:

Randy Pentiuk announced that Senator Peters' office is accepting requests for congressionally directed spending items for FY2025 for public local projects that can benefit from the federal government's assistance. As per prior Board directive, since SHVUA would directly benefit from this opportunity to receive federal funding for an electrical upgrade at the Plant, the Board Chair is approved and authorized to work with SHVUA's System Manager, System Attorney and System Engineer to obtain a proposal for a qualified project to be submitted to Senator Peters' office by the March 12, 2024 deadline. As part of the request, SHVUA will solicit letters of support from SHVUA's member communities and Board Trustees.

Other Business:

Gibraltar's Interim City Manager Vincent Pastue introduced himself to the SHVUA Board. No other business was presented at this time.

Adjournment:

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

Respectfully submitted,



Dan Alford, PE
System Manager