



**Regular Meeting  
Minutes – September 15, 2021**

The Board meeting was called to order by Chairman Jim Gorris at 10:00 am at the SHVUA Wastewater Treatment Plant located at 34001 West Jefferson, Brownstown Township, MI 48173.

Roll Call:	Brownstown – Patrick Killian Gibraltar – Jim Gorris Van Buren - Jim Taylor S. Rockwood – Art Wenzel	Flat Rock – Justin Danosky (Absent) Huron – Jim Lancaster Woodhaven – Tim Neighbors
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Also present:	Firooz Fath-Azam Sean Bellingham, Van Buren Scott Mangold, Jacobs Andy Mechel, Jacobs Noah Bednar, HRC Lauren Fath-Azam Alyssa Gunsorek	Randy Pentiuk, Attorney Mark Houle, Jacobs Nathan Callison, Jacobs Stacey Reeves, Plante Moran Tim Sullivan, HRC Scott Denison, Gibraltar Sean Gillaspie, Flat Rock Citizen
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**Agenda:** As presented.

**Minutes:**

Motion by Huron, second by Woodhaven, to approve the Meeting Minutes from August 18, 2021, Monthly Board Meeting. All Communities are present besides Flat Rock. Motion carried unanimously.

**Expenditures:**

Motion by S. Rockwood, second by Van Buren to approve the August 2021 expenditures of **\$2,775,835.93**. All Communities are present besides Flat Rock Motion carried unanimously.

**Trial Balance as of August 31, 2021, & Budget to Actual as of August 31, 2021**

Motion by Huron, second by Flat Rock to approve the Trial Balance as of July 31, 2021, and Budget to Actual as of July 31, 2021. All Communities are present besides Flat Rock. Motion carried unanimously.

**Jacobs Report:**

Nathan Callison reported that August was a busy month at the plant. Additional monitoring requirements were performed for NPDES. Routine stormwater inspections were completed. We notified MI-EGLE that Jacobs has moved to a 12-hour/day coverage on September 1. All the service area's dentists have been sent letters and have been submitted to MI-EGLE as well. We completed monthly spill prevention control. We submitted DMR electronically on the mi-water system on September 10 and coliform bacteria data as well. The service area received 3.5" of rain in August. The EQ Basin was utilized once for a short period of time, and 2.41 million gallons ran through the EQ Basin on August 12, and it was emptied on the 13th. Jacobs is back to operating on 2 Biodecks. No major issues while operating on a 12-hour/day coverage plan. All sampling results for the month of August were below NPDES limits. We began in-house monitoring of TSS and Phosphorus, which will save money and enable Jacobs to see immediate results.

Plant staff received notification of a possible leak from Ford at Flat Rock on August 30. To address the issue, Jacobs increased the dissolved oxygen set point in the Biodecks. We are currently working with Ford, Flat Rock, to minimize the impact on the plant. Lab sample results have not been received to see how much has made its way past the plant.

Sean Gillaspie, a Flat Rock Citizen, addressed his concern for the spillage and agreed to speak with Mr. Houle after the meeting in his office so that his concerns may be addressed.

Mr. Callison continued to report that biosolids continue to be dewatered. Biotech is on-site to haul sludge for land application. Sludge storage cells 1 and 2 are empty. Roughly four million gallons have been hauled. To date, 1,368 dry tons have been land applied, and 313 dry tons have been landfilled. Firooz Fath-Azam inquired if the plant had stopped dewatering and landfilling. Mr. Callison and Mr. Houle noted that cells 1 & 2 are currently offline, and we are presently still dewatering and landfilling 12 hours/day. Dewatering is possible into October. Jacobs is looking into chemical and maintenance savings to make up for the cost of the remaining 1.8 million gallons of biosolids to be hauled.

Mr. Fath-Azam inquired about the cost of sludge disposal to date. Mr. Houle noted that the estimated through September is about \$50,000 over the original budget, and each day in October would be an additional \$7,500. If dewatering is needed through October, the sludge disposal line item would be \$270,000 over budget.

Andy Mechel reported that Interceptor and Outfall inspection is on schedule. The safety department still needs to clear contractors for the project to begin the following Monday. The project will be pushed back by one week if the project is not cleared in time. Eighty interceptor manhole covers will be replaced. Trenton Arm has had no significant issues. Odette is still

running on one pump. Cleaning has been difficult due to the humidity. Bioteck #4 has been cleaned and inspected. The Sludge Transfer Pump was replaced and should be done this month. Work orders and PMs are moving well. The new budget chart is available in the meeting packet. Another elevator quote will be coming in shortly. Training is ongoing.

Mr. Houle added that some employees are going for their “B” license, and some are going for their “D” license. The maintenance budget looks low, but there will be a fair amount of maintenance expenditures by the end of the year.

Mr. Callison continued to add that there are issues with chemical supply chain shortages with lead time on chemicals extending. Jacobs has started to order chemicals early as there has been significant lead time on many of the chemicals, which may pose problems. We needed to order from different suppliers but have systems in place to deal with the inconvenience of supply chain issues on chemicals. We are not the only ones who are dealing with this problem.

### **CDM Smith Billable Flow Report for August**

Motion by Woodhaven, second by Flat Rock to receive the CDM Smith Billable Flow Report for August. All Communities are present besides Flat Rock. Motion carried unanimously.

### **System Manager Report**

#### **CDM Smith Contract Extension**

Firooz Fath-Azam continued to report that the CDM Smith contract expires at the end of this year. He recommended that the Board sign a 2-year extension for 2022 and 2023—motion by Gibraltar, second by South Rockwood to extend CDM Smith Michigan Inc.

Motion to extend CDM Smith Michigan Inc. contract for routine and corrective operation and maintenance of the SHVUA's billing meters services as described in the Agreement between SHVUA and CDM Smith Michigan Inc. contract dated December 12, 2018, for an additional two years for years 2022 and 2023 in an amount not to exceed \$574,000.

All Communities are present besides Flat Rock. Motion carried unanimously.

### **Election of SHVUA New Board Officers**

Mr. Fath-Azam continued to report that Jim Taylor from Van Buren officially retired as of September 13, 2021. Mayor Jim Gorris is also retiring after the October Board meeting as well. Tim Neighbors has volunteered to be the Chair, and Jim Lancaster from Huron has volunteered to be the Vice-Chair.

Motion by South Rockwood to nominate Tim Neighbors as the Chair. Motion to close and elect Tim Neighbors as the Chair by acclamation by Gibraltar. All Communities are present besides Flat Rock. Motion carried unanimously.

Motion by Woodhaven to nominate Jim Lancaster as the Vice-Chair. Motion to close and elect Jim Lancaster as Vice Chair by acclamation by S. Rockwood. All Communities are present besides Flat Rock. Motion carried unanimously.

### **HRC Report**

#### **Priority 1 & 2 Plant Improvement Project**

Noah Bednar updated the Board that they are finishing up an RFQ for rearranging some things for Odette. A small credit will be received. Eleven RFIs have been issued to date. The project is still on schedule with a float at the end. The Haag tank cleaning was delayed and will start next week. MI-EGLE has issued a permit for the submerged final effluent launder. HRC is working on a change order for a \$346,000 deduct. Heaney has received their permits and is getting started. A new Job site Manager has not yet been selected.

#### **Lystek Design-Build Update**

Mr. Bednar added that HRC has continued to coordinate items with Lystek. HRC has issued a notice of non-compliance with Lystek as their submittals have been delayed. HRC does not think there should be any issues. HRC has reached out to DTE gas. A check will be mailed to them for changes that need to be made to the system. Lystek is still ten weeks behind schedule, and HRC is working with Lystek to expedite the completion date. The main impediments of the project are wet croplands for land application of sludge.

Jim Lancaster inquired when the contractor would be at Odette to start the project. Mr. Bednar noted that Odette would be done by January 15, 2022.

### **Attorney Comments**

#### **Misc. Issues**

Alyssa Gunsorek presented concerning the insurance update; there are two ongoing claims. Regarding the Influent Pump Station, they have been in constant contact with the MML claims adjuster. The remaining work to be done on the insurance claim is for the elevator. Mr. Mechel indicated that the quote should be coming in at the end of the week. The quote will then be forwarded to the adjuster.

Regarding the Odette Pump Station, all invoice estimates and the amounts for Flat Rock and Brownstown have been forwarded to the adjuster.

#### **Other Business**

No other business was presented at this time.

**Adjournment:**

There being no further business to come before the Authority, the meeting was adjourned at 10:55 am.

Motion by Huron second by Gibraltar to adjourn. All Communities are present besides S. Rockwood and Gibraltar. Motion carried unanimously.

Respectfully submitted,



Firooz Fath-Azam  
System Manager

Attachments:

- a. Minutes from August 18, 2021, SHVUA Board Meeting
- b. Expenditures for August 2021
- c. Trial Balance as of August 31, 2021, & Budget to Actual as of August 31, 2021
- d. Jacobs Monthly Operating Report for August 2021
- e. CDM Smith Billable Flow Report for August 2021
- f. System Manager Report
- g. HRC Report
- h. Attorney Comments