



**Regular Meeting  
Minutes September 21, 2022**

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

Roll Call:      Brownstown – Brian Peters                      Flat Rock – Eric Holtz  
                         Gibraltar – Scott Denison                      Huron – Eric Scanland  
                         Van Buren - Sean Bellingham                      Woodhaven – Tim Neighbors  
                         S. Rockwood – Absent

Also present:    Firooz Fath-Azam    Randy Pentiuk, Attorney  
                         Mark Houle, Jacobs    Noah Bednar, HRC  
                         Dan Alford    Alyssa Gunsorek, PCK  
                         Andy Mechel, Jacobs    Nathan Callison, Jacobs  
                         Scott Mangold, Jacobs    Kevin Dahl, Jacobs  
                         Stacey Reeves, Plante Moran                                      Kevin Lawrence, Van Buren  
                         Justin Danosky, Brownstown                                      Roxie Fairchild, Brownstown  
                         Lauren Fath-Azam

**Agenda:**      As presented.

**Minutes:**

Motion by Gibraltar, second by Brownstown, to approve the Meeting Minutes from the August 17, 2022, Monthly Board Meeting. All Communities are present besides S. Rockwood. Motion carried unanimously.

**Expenditures:**

Motion by Van Buren, second by Woodhaven, to approve the August 2022 expenditures of **\$1,088,574.71**. All Communities are present besides S. Rockwood. Motion carried unanimously.

**Trial Balance & Budget to Actual as of September 30, 2022**

Motion by Gibraltar, second by Woodhaven, to file the Trial Balance and Budget to Actual as of September 30, 2022. All Communities are present besides S. Rockwood. Motion carried unanimously.

**Jacobs Report:**

Nathan Callison reported that all NPDES permits were met this past month. Stormwater inspections were completed on the 4th and the 18th with no issues. On the 29th and 30<sup>th</sup>, USEPA required monthly spill prevention control, and countermeasure inspections were conducted with no issues noted. On the 7th of September, Jacobs required monthly flow data, precipitation data, koala wash, and flow data were submitted to CDM Smith. On the 16<sup>th</sup>, Jacobs DMR and Moore data were submitted to MiWaters. 2.64” of precipitation was received in the month of August. The EQ Basin was not utilized this past month. The Plant has been running well on two biodecks since June 4th. The Final Clarifier was taken offline on the first of the month per the CIP. The Plant will be at 75% capacity with the Final Clarifier out for service until all four clarifiers are completed. The expected completion date is between 12-15months. Jacobs plans to be proactive with all wet weather events. Mark Houle added that a new Operator was brought in this past Saturday. Mr. Callison continued to report that 12hr coverage has continued without any issue. The Plant and pump stations have been staffed accordingly to facilitate high flows and shutdowns. Sludge storage cells 3 and 4 are now both empty. Various phosphorus spikes were noted but handled appropriately and had no issues with NPDES limits.

Firooz Fath-Azam inquired about the relatively high monthly effluent phosphorus average. He noted that the new permit limit might include a lower 0.6 seasonal average for phosphorus instead of the current monthly average of 1.0. Mr. Callison explained that there were a few spikes due to the Chlorine Contact Chamber cleaning. The spikes correlate with Jacobs flushing the biosolids back to the head of the Plant from cleaning the contact chamber.

Exhibit 2 of Jacobs’s report shows all NPDES limits and results. In the laboratory, Jacobs plans to install a permanent water purifying system. SHVUA will own the equipment, and Jacobs will maintain it. Regarding IPP, Jacobs sampled Arsenal Road Landfill and Grand Trunk Railroad. There is an increase in chemical costs. When the chlorine contact chamber is cleaned, chemical usage increases. Sodium hypochlorite usage and sodium bisulfite have increased due to using the chlorine contact chamber to bypass. At that point, the chlorine residual needs to be higher.

Biosolids continue to be landfilled as needed. Cells 1 and 2 are full. Jacobs is optimistic that Lystek and Michigan AgriSludge will arrive soon to start hauling and land applying the Plant's new class A biosolids. Mr. Houle added that cells 1 and 2 would be cleaned out in October and November. Cells 3 and 4 will be on their way to be in service for LysteGro.

LysteGro production has halted, but 2.5 trucks per day have been utilized in the landfilling of cake. Cells 3 and 4 are out of service, but work will begin on Monday.

Andy Mechel reported that the Interceptor cleaning would begin next month or so. Odette has been turned over to HRC and Jacobs. Construction site repairs are ongoing. The generator received a new coat of paint and is ready to go. Cleaning and painting of piping continue when the weather allows. Primary tank #3 repairs have been completed, and the tank is now in service. The chlorine contact chamber was cleaned this past month, and temporary pumping from cell 4 to cell three has been completed. Regarding the CMMS, PMs are getting completed in a timely manner, and Jacobs continues to work with HRC and Heaney. Activities for this month include a cross connection hook up for Industrial water, getting primary clarifier #1 up and running, installing the water system in the lab, running new SCADA cables, and installing the sump and discharge for the elevator shaft. The new stone driveway project is set to begin next week.

Mr. Mechel also noted that the flow meter SH-17 chamber locks are missing from the gate. This has been the case for several years.

Mr. Fath-Azam asked Mr. Houle to discuss the sanitary sewer overflow at Odette. Mr. Houle added that Heaney disconnected the bypass piping. When Heaney disconnected the bypass piping, Mr. Houle estimated that 1,400 gallons of raw sewage overflowed. 6-8" of raw materials were excavated. Lime was spread down to sanitize and neutralize the raw sewage. Mr. Houle noted that if a contractor needs to change the Plant's piping, Jacobs will be there to facilitate to ensure no issues arise.

Mr. Houle reported that training continues with Sewage license testing in November. Outside people are also invited to attend this training.

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

Motion by Gibraltar, second by Huron, to receive the CDM Smith Billable Flow Report for August. All Communities are present besides S. Rockwood. Motion carried unanimously.

### **System Manager Report**

#### **New System Manager Training Update**

Firooz Fath-Azam updated the board that he and Dan Alford are working diligently on New System Manager training. Mr. Fath-Azam notes that Mr. Alford brings a fresh perspective to the job.

They will make appointments with all Communities to discuss each Community's specific needs.

Mr. Alford stated that he is looking forward to stepping into the new System Manager role.

Mr. Fath-Azam continued to report that HRC has an amendment coming up. The amendment is needed for HRC for the construction oversight. The initial budget approved by the Board only included the design phase. Full Board attendance will be required to approve the amendment.

**HRC Report**

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

Noah Bednar updated the board on the progress of the Plant Improvement project. They are continuing with standard administrative items.

Odette is considered substantially complete. The level sensor issue is being addressed. The final clarifiers are well underway, and those are a critical path. Anything that disrupts their progress could delay completion time. The last portion of the Haag tanks will start soon.

**Attorney Comments**

Randy Pentiuk reported that a New York law firm would be joining the meeting shortly through a zoom meeting. They are involved in multi-district litigation regarding PFAS. The conference's purpose is for them to share information on how they are pursuing on behalf of other plants like SHVUA's cost recovery for PFAS.

Chairman is working with congresswoman Dingell's office to help fund some of the projects we were left out of the Plant improvement project due to budgetary concerns with SHVUA's bond issue.

Alyssa Gunsorek reported that she heard from the MML regarding the quotes received to repair the elevator. They are good to move forward with but will only offer to pay in full for the lowest quote. The Board requested to move forward with Shindler, the lowest quote for fixing the elevator.

**Adjournment:**

There being no further business to come before the Authority, the meeting was adjourned at 11:31 a.m.

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

Respectfully submitted,



Firooz Fath-Azam  
System Manager

Attachments:

- a. Minutes from August 17, 2022, SHVUA Board Meeting
- b. Expenditures for August 2022
- c. Trial Balance & Budget to Actual as of September 30, 2022
- d. Jacobs Monthly Operating Report for August 2022
- e. CDM Smith Billable Flow Report for August 2022
- f. HRC Report