



**Regular Meeting  
Minutes April 19, 2022**

The Board meeting was called to order by Chairman Tim Neighbors at 10:15am at Woodhaven City Hall.

Roll Call:      Brownstown – Justin Danosky      Flat Rock – Eric Holtz  
                  Gibraltar – Scott Denison      Huron - Eric Scanland  
                  Van Buren - Sharry Budd      Woodhaven – Tim Neighbors  
                  S. Rockwood – Art Wenzel

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

**Agenda:**      As presented.

**Minutes:**

Motion by Gibraltar, second by Brownstown, to approve the Meeting Minutes from the March 15, 2023 Monthly Board Meeting. All Communities are present. Motion carried unanimously.

**Expenditures:**

Motion by Gibraltar, second by Woodhaven, to approve the March 2023 expenditures of \$2,265,416.98. All Communities are present. Motion carried unanimously.

**Budget to Actual and Trial Balance as of April 30, 2023**

Motion by Brownstown, second by Woodhaven, to approve the Budget to Actual and Trial Balance as of April 30, 2023. All Communities are present. Motion carried unanimously.

**SHVUA 2022 Audit, Financial Statement, and Equity Reports**

Ms. Reeves passed out an additional handout, Other Supplemental Information – Statement of Revenue and Expenses – Budget and Actual (attached), to attendees at the meeting. Stacey Reeves presented 2022 SHVUA Audit, Financial Statement, and Equity Reports to the board. The reports include an unmodified or clean opinion. Assets and liabilities are listed on page 6. Non current assets/restricted assets include \$9.8 Million of unspent bond proceeds related to the treatment project. Unspent bond proceeds are estimated around \$7 Million. There is a reserve of \$2.6 Million. A total of \$14.8 Million was spent on capital assets. Total cash outflow is around \$13.5 Million. Ms. Reeves noted that the budget to actual analysis correlates to what Sean Bellingham provides on a quarterly basis. The last item includes the equity calculation related to every Community's investment in the Authority.

Motion by Van Buren, second by S. Rockwood to accept the 2022 Audit, Financial Statement, and Equity Reports as presented. All Communities are present. Motion carried unanimously.

**Jacobs Report:**

Mark Houle reported that March was a busy plant flow month. He addressed the significant non compliance publication and noted that it had no impact on the environment. SHVUA is working with Flat Rock metals. Mr. Houle continued to report that the plant has gone 5,000 days without a recordable injury. In regards to chemicals Jacobs is tracking low on the budget.

Nathan Callison reported that biosolids are under control in the plant. April marks a busy month for annual reports. In addition to NPDES, routine stormwater inspections were conducted on the 9th and on the 24<sup>th</sup>. The MEARS report was submitted to the State on the 15<sup>th</sup>. Jacobs had to complete the annual mercury minimization report on the 20<sup>th</sup>. The annual industrial pretreatment report was completed on the 28th as well as the quarterly PFAS report. EPA required SPPC inspections were conducted with no issues noted on the 31st. On the 12th of April Quala wash flows, precipitation data, etc. were submitted to CDM Smith. The monthly eDMR and MOR were both submitted on the 12th. All permit parameters were met. Mr. Callison continued to report that 3.6in of rain was received. The plant has been running on 3 Biodecks since December 31st due to high flows. As soon as Jacobs can they will return to 2 Biodecks. Primary clarifier #3 was taken out of service and still only at 75% capacity. Jacobs is working with HRC and contractors to minimize bypassing. 12-hr coverage continues without any issues. The last load of sludge was taken to landfill on October 28th. The chart on page 92 shows the monthly chart correlating flows, precipitation and phosphorus. In addition to compliance sampling Jacobs monitors ortho phosphorus and tracks it in real time. Jacobs is trending towards a great year chemical usage wise. Exhibit 3 shows summary all of compliance data. No permit exceedances in March 2023. The new lab water system that was installed in December of 2022 is working very well. Jacobs sampled Wayne Disposal and Flat Rock Metals. No Industrial users were inspected in March. Electrical usage is trending high due to running on 3 Biodecks along with multiple contractors working at the plants for the CIP. In regards to Biosolids, cell #3 is being filled up and farms are lined up for LysteGro. The approximate fill date without cell #4 is July 22nd.

Dan Alford inquired about what our quarterly PFAS limit is versus what our actual was. Mr. Houle noted that the drinking water limits for PFAS and PFOA are different than wastewater solids. We are also never over the discharge limit of either the water or wastewater limits. If any industry contributes PFAS or PFOA they need to be sampled quarterly. Our last biosolid sample did in fact come back as non-detectable. Mr. Alford concluded that in regards to limits of PFAS it is a complicated answer. Michigan has high environmental standards. The good news is that we are below water standards in regards to effluent water quality level and our biosolids sample did come back as non-detectable.

Andy Mechel reported that interceptor work will begin May 22nd and will include the 1 mile stretch of the Romulus pipe and the regulator. Trenton Arm has been struggling through a few rain events but has had no issue getting everything pumped out. There had been a VFD failure recently and is currently out. In regards to Odette a spare pump was installed after both pumps failed. A new soft starter was installed with the spare pump and is now running with no issues. Cleaning and painting continues on the influent piping. Before the SFE system came online a valve and pipe was replaced. Work orders and PMs are moving along smoothly. Currently Jacobs is working with Heaney and HRC to complete the CIP as soon as possible. Installation for the new sump pump for the elevator shaft will begin along with the switchgear work, the new sludge transfer pump for Lystek, and replacing the motor on #30 mixer. Jacobs has repaired one of the rooftop units for the tunnel.

The bar screen was repaired from the past flood. Additional parts will be needed and a new quote was received after the contractor came out. Dan Alford inquired as to how they provided the first quote. Mr. Mechel noted that the contractor provided the first quote from what information they noted on their first visit before disassembling the damaged bar screen.

Mr. Mechel continued to report that Miss Dig activities started at the end of March. Jacobs continues to make improvements to maps and integrate software to better assess the interceptors. Training continues with testing coming quickly on May 4th.

Mr. Houle added that in regards to Community outreach activities this was the first day of sampling for the Huron River Watershed Council. He noted that the Council purchased the equipment and Jacobs is supplying the labor at no cost to SHVUA.

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

Motion by S. Rockwood, second by Brownstown, to receive the CDM Smith Billable Flow Report for March. All Communities are present. Motion carried unanimously.

### **HRC Report**

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

Bill Davis updated the board that overall construction is at 70% completion as of March 31st, 2023. HRC continues to provide administration and construction services and duties. Not a lot of progress was made on the clarifier work due to wet weather as well as issuing a redesign. HRC is

now reviewing the contractor's quote for the redesign. Expected installation date is late May for clarifier #3. An additional sensor will be added in the admin building HVAC unit to make the system work properly. Headworks ventilation system is at an operational standpoint but not fully operating as it should. The Haag Tanks are continuously being worked on. Cell 4 is the last cell that needs to be completed. The fan building is progressing well with the duct work and wiring completed. Cleaning continues for the Grit System and is currently being put together. The SFE replacement was completed and training will occur next week. Structural repairs continue in the gallery and the contractor will continue to work on those repairs. Painting within the system continues this month. Lystek has received final billing and close out documents. A few warranty items are being worked on with Lystek before closing out those documents. Mr. Davis does not see any issues arising in regards to working with Lystek on those items. Cleaning of the east grit tank is occurring now and cleaning of the west grit tank will begin next. Impediments to the schedule include clarifier #3, which is on the critical path. It is taking much longer than expected. HRC does not have a firm commitment on the delivery of the remaining pump station VFD's. Final completion date is now estimated to be April 2024. There are several items HRC is working on. They plan to bring a change order to next month's board meeting.

Mr. Alford assures the board that even though the CIP is taking longer than expected the clarifiers are a brand new technology and with installation there have been additional changes to the technology which has caused various delays.

### **System Manager Report**

#### **CDM Flow Metering O&M Project Additional Budget Request**

Mr. Alford noted that we are at the tail end of the CDM flow metering contract. The contractor has asked for a \$30,000 increase to their contract. Mr. Alford believes that the additional amount is justified.

Motion by Woodhaven, second by Brownstown for an additional \$30,000 for CDM Smith Inc. to complete the remaining Task 3 – Corrective Meter Maintenance work included in the Collection System Flow Metering O&M Project, increasing the Original Authorization of \$1,324,161.00 to a new total budget of \$1,354,161.00 and the Chairman to execute it on behalf of the Authority. All Communities are present. Motion carried unanimously.

#### **Odette PS Issues / Property Line Update**

In regards to the Odette Pump Station a detailed discussion will commence in a closed session after the meeting has been completed.

Mr. Alford continued to report about the SHVUA property line. The fence line around the plant only captures 40-50% of the actual property. The property line has been officially surveyed, staked and Jacobs has installed signage that it is SHVUA property.

**Attorney Comments**

Randy Pentiuk added that the Chair is taking the lead with Mr. Alford and Mr. Pentiuk's office to work with Representative Dingell in an effort to receive additional funds from the government. Senator Peters has an aid that shows willingness to assist SHVUA with the next cycle of funding.

Mr. Pentiuk's office is still working on the proposal with Constellation. Moving forward he plans to have a conversation with Constellation to see how they can accommodate our particular usage.

**Other Business**

Motion by Woodhaven, second by Brownstown to move to a closed session. All Communities are present. Motion carried unanimously.

Roll call taken for entering Closed Session at 11:10am:

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

Roll call taken for leaving Closed Session at 11:38am:

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

No other business is to be presented at this time.

**Adjournment:**

Motion by S. Rockwood, second by Woodhaven to adjourn the monthly SHVUA board meeting. All Communities are present. Motion carried unanimously.

Respectfully submitted,



Dan Alford, PE  
System Manager