



**Regular Meeting  
Minutes November 23, 2022**

The Board meeting was called to order by Chairman Tim Neighbors at 10:00am at the Brownstown Township 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 – (Absent)

Also present:    Firooz Fath-Azam      Randy Pentiuik, Attorney  
                         Mark Houle, Jacobs      Scott Mangold, Jacobs  
                         Dan Alford      Bill Davis, HRC  
                         Stacey Reeves, Plante Moran      Lauren Fath-Azam  
                         Andy Mechel, Jacobs      Nathan Callison, Jacobs  
                         Sean Bellingham, Van Buren      Roxie Fairchild, Brownstown  
                         Michael Landis, Gibraltar

**Agenda:**      As presented.

**Minutes:**

Motion by Brownstown, second by Gibraltar, to approve the Meeting Minutes from the October 19, 2022 Monthly Board Meeting. All Communities are present besides S. Rockwood. Motion carried unanimously.

**Expenditures:**

Motion by Brownstown, second by Woodhaven, to approve the October 2022 expenditures of **\$1,781,050.80**. All Communities are present besides S. Rockwood. Motion carried unanimously.

**Approval of Amended 2022 and Proposed 2023 SHVUA Budgets**

Sean Bellingham presented to the board the amended 2022 and proposed 2023 SHVUA Budgets which begin on page 68. He noted that although there was a high amount of unanticipated solids which increased spending; Jacobs' decrease in maintenance costs and the Suez settlement helped offset costs. In regards to the proposed 2023 budget there is an 8% rate increase overall for the Authority.

Motion by Gibraltar, second by Woodhaven, to approve the amended 2022 and proposed 2023 SHVUA budgets. All Communities are present besides S. Rockwood. Motion carried unanimously.

**Jacobs Report:**

Mark Houle reported that due to the instability in the chemical market himself and a group of others are working on a proposal to help offset the high costs of chemicals. In regards to Biosolids Jacobs expects to have a good 2023. Jacobs is currently working overtime to get back ahead of production as there had been a couple of issues with the Lystek system. Mr. Houle compliments his team that they have done a great job keeping Biosolids costs as low as possible.

Nathan Callison reported that for the month of October stormwater inspections were conducted on the 3rd and 17th. Jacobs submitted the Biosolids Annual Report on the 27th and the grit profile renewal was sent to Waste Management on the 27th of October. The Asset Management Annual Report was submitted to MiWaters. The Biosolids Annual DMR was submitted on the 28th and Spill Prevention Control and Countermeasures were conducted on the 31st. Plant flow data and system precipitation data were submitted on the 2nd to CDM Smith. On the 14th both DMR's and MOR's were submitted to MiWaters. For October, we received 0.97 inch of precipitation and are in an extremely dry year to date; we're currently at a 10-11 inch deficit. The EQ Basin was not utilized this month and the plant has been running on two biodecks since June 4th. Clarifier #3 demolition began on August 1st and is still ongoing. The plant is currently at 75% secondary capacity. 12 hour staffing continues without any issues. Inspected various locations including: Flat Rock Metal, Huron Monofill, Ford Woodhaven, Brose, Arsenal Road Landfill and Wayne Disposal. In regards to the 2022 Summary for Biosolids, land application has been completed and Jacobs looks forward to continually improving that process. Cells 1 & 2 are empty for the most part and 3 and 4 are out of service but will be back in service come December.

Randy Pentiuk inquired if Jacobs was in contact with the farmers directly. Mr. Callison noted that Lystek is interacting with the farmers.

Andy Mechel reported that cleanings and inspections of the sewers will not take place this year but will resume in the spring. Pump Stations are running well. The fence will be installed in January. Painting and cleaning continues. Jacobs is finishing up with Primary Clarifier #1. Major SCADA cables in the Administration building have been installed and are getting ready for the network changeover. In regards to CMMS; all PMs and work orders are being completed as timely as possible with the maintenance budget coming in low to allow room for Biosolids costs. Jacobs continues to work with HRC and Heaney so that the project goes smoothly. A new water system for the laboratory will be installed as well as the installation of the sump pump for the elevator shaft. The stone driveway construction will begin this week and next. Jacobs continues

to make sure the heating system in the plant is working well. Switchgear breakers are scheduled this month to be rebuilt. Training is ongoing and onsite training has begun.

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

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

Firooz Fath-Azam noted that two of the new installed meters are having accuracy issues, which are off by 25-30%. Another die test will be conducted and CDM will get a hold of the manufacturer to fix the issue. Checks due to lookbacks will be delayed.

### **System Manager Report**

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

Firooz Fath-Azam updated the board that things are going well and Dan Alford will be handling the next board meeting packet.

#### **SHVUA Board Brownstown Representative Update**

Dan Alford brought to the board's attention Brownstown's new Representative; Justin Danosky.

#### **MISS DIS 811 Jacobs Proposal Authorization**

Mr. Alford brought the following resolution to the Board regarding Jacobs providing MISS DIG services as summarized in the MISS DIG 811 proposal dated October 26, 2022:

Motion by Van Buren, second by Woodhaven to approve \$134,272.35 for the Jacobs' proposal to provide MISS DIG 811 services as an Amendment to the Agreement for Operations, Maintenance and Management Services between Jacobs and SHVUA. The MISS DIG 811 services fee shall be an annual cost and shall take effect on January 1, 2023, 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.

### **HRC Report**

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

Bill Davis updated the board on the progress of the Plant Improvement Project. He will now be stepping in as the Project Manager and the point of contact with Noah Bednar focusing on the technical side. The project is overall at 58% completion. Mr. Davis looks forward to working with Heaney to get a more resolute construction schedule. This past month HRC has provided standard construction and administration services. Work in Clarifier #3 is ongoing. As of now 6 of 42 panels have been installed. HVAC renovations continue including commissioning of the boilers. Work continues in Haag tank cells 3 and 4. Piping work is completed with focus shifting to concrete repairs. The truck loading platform concrete has been poured, the catch basin system installed and pavement of the area will take place in the spring. In regards to the grit washer;

equipment is onsite and contractors are working on it as fill in work. The chemical building and emergency generator has been installed and awaiting commissioning. In regards to the SCADA system; the new PLCs have been installed and the migrating of SCADA over has taken place. Lystek is actively working on correcting warranty issues. Moving forward Mr. Davis noted there have been some equipment delays, for example the VFDs which have been pushed back to January. Mr. Davis plans to bring any change orders he's able to finalize to the board next month.

### **Attorney Comments**

Randy Pentiuk made a statement in regards to the innovative sessions. He stated that ever since Jacobs came in the sessions have been nothing but invigorating and stimulating in the sense of finding solutions. In regards to cyber security Mr. Pentiuk is grateful for yesterday's meeting. There's a need to have further discussion about what practices and policies are needed to protect the plant.

Mr. Houle added that in regards to the FOG language a few items need to be updated in the sewer use ordinance rules and regulations for the IPP audit.

### **Other Business**

Tim Neighbors noted that he has not received any correspondence with Dingell's office in respect to the APRA funds and PFAS. He also believed the Innovative Meeting to be very impressive. Mr. Neighbors highlighted that SHVUA is very happy with the work Jacobs has done.

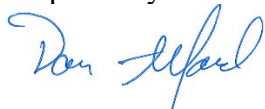
Mr. Callison wanted to thank Gibraltar in helping Jacobs clean up the sludge haul mishap last week.

### **Adjournment:**

There being no further business to come before the Authority, the meeting was adjourned at 10:43 a.m.

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

Respectfully submitted,



Dan Alford, PE  
System Manager