



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

Motion by Van Buren, second by Woodhaven, to approve the Budget to Actual and Trial Balance as of June 30, 2023. All Communities are present besides S. Rockwood. Motion carried unanimously.

**Jacobs Report:**

Mark Houle reported that the front gate sign was spruced up a bit. Training for Final Clarifier 3 took place yesterday and will be commissioned next week. Maintenance wise the plant is utilizing 2 blowers. Trenton Arm is down to 3 pumps. One pump is out for repair and one is on order with lead times being long. The SFE system work has been completed but Jacobs haven't been able to use it yet. The system's full capacity and water savings won't be realized until operations being using it. Biosolids hauling occurred May 11th through the 19th and went fairly well. Sludge cell 4 is scheduled to be pumped and cleared. Jacobs continues to provide water quality testing of the Huron River Watershed for the Huron River Alliance. After Mr. Houle attended the annual conference this past week he was made aware that in the future EGLE may be proposing a new inflow and infiltration requirement on local Communities whose flows exceed 100 gallons per day per population.

Nathan Callison reported that on May 8th and 22nd stormwater inspections were conducted with no issues noted. EPA required monthly spill prevention control and countermeasure inspections were completed on the 26th of May with no issues noted. Plant flow data was submitted to CDM Smith on the June 2nd. DMR and MOR data were submitted on the 14th of June. Received 0.86" of precipitation in the month of May which is one of the driest Mays in SHVUA's rain gauge history. Because of the lower rainfall the EQ Basin was not utilized. The plant has been running well on 2 Biodecks since May 5th. 12 hr coverage continues without any issues. The recent sludge haul went fairly well and the plant currently has 222 days worth of storage right now. Another sludge haul is to be expected at the end of Summer/early Fall.

In May Jacobs also sampled Arsenal Road Landfill, Flat Rock Metals, Wayne Disposal, Quala, Brose, Ford Michigan Casting, and Ford Flat Rock Assembly. Chemical and energy usage is moving in the right direction. Three cells of the Haag Tank are currently being utilized.

Tim Neighbors inquired how everything is going with the Miss Dig system. Mr. Houle added that Jacobs had 17 tickets and only 1 was marked. A few in June have already been marked.

**CDM Smith Billable Flow Report for May:**

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

**HRC Report:**

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

Bill Davis updated the board that the overall construction is at 72% completion. HRC continues to provide administration and onsite construction services and duties. A substantial step was

taken forward on clarifier #3. The redesigned effluent weir was installed and sealed. A few punch list items will need to be taken care of before it's turned on and running smoothly. The HVAC continues to experience ups and downs. HRC has developed a punch list of items to address and are working towards that. Mr. Davis is unclear when it will take place but is hoping for July. In regards to the Haag tanks the joint waterproofing in cell 4 was completed in May. The Grit system work is progressing slower than anticipated and is holding up the commissioning of the motor and VFD for pump #4.

All VFD's are now onsite which was the last of the major equipment items that were delayed. In regards to the SFE replacement a punch list walk through has been completed and the Contractor is working on completing those punch list items. Once completed HRC will give Mr. Houle permission to switch over the seal waster for the influent pumps and SFE will come under Jacobs operations. Structural repairs continue with work in the gallery and outdoors as well.

Architectural repairs have begun. This month painting of the valves and piping will be completed. HRC continues to work and support the System Manager on the pump cable failure on Odette and HRC is also actively reviewing a claim they have received from the contractor for additional time and cost in association with the Odette PS construction. HRC will be working towards a resolution. There are a few outstanding Lystek warranty items as well.

Upcoming milestones include filling final clarifier 3 next Monday then a week of demonstration with the contractor moving to the next final clarifier. If HRC is able to flip over from the East grit tank to the West grit tank then they will be able to commission pump #4 and continue to replace motors and VFD's as it becomes available. The Contractors continue to work on the bypass plan for the grit removal system. The overall schedule for the project is going to be delayed. There are 2 completion dates for the overall project which include the clarifier work and the remainder of the work at the plant. The final completion date for the clarifier work is December 16, 2023 and the rest of the work at the plant is supposed to be completed August 4th of 2023. Mr. Davis added that the Contractor will not be done with the work come August 4th.

Mr. Davis prepared Change Order No. 9. HRC recommends that the board approve this change order.

### **Change Order No. 9**

Motion by Woodhaven, second by Gibraltar, to approve an increase to Heaney General Contracting, Inc.'s total construction contract amount by \$7,367.88 from the current contract amount of \$20,663,931.32 to the new amount of \$20,671,299.20 and the Chairman to execute it on behalf of the Authority. All Communities are present besides S. Rockwood. Motion carried unanimously.

### **System Manager Report:**

**MML Sewer Insurance Coverage Discussion / Plant Odor Issues**

Dan Alford reported that due to the recent Odette pump issues that occurred he has reviewed possible sewer system insurance coverage from MML. The coverage would include \$100,000 of total coverage for an annual cost of about \$45,700. At this time Mr. Alford does not believe this insurance option is something SHVUA should move forward with as the Authority historically has not been making claims often enough to fully utilize the policy. Instead he recommends that SHVUA continues to keep funds aside in case of an incident.

The second item Mr. Alford discussed was odor issues at the plant last month. He expressed that in regards to dry months flows move slowly through the plant and this is when odors tend to creep up. The plant has received several odor complaints from first time complaining residents. Mr. Alford also encountered high odors when he visited the plant. As part of the recent construction project, odor redirection was designed and installed as part of the Lystek process. Mr. Alford noted that the newly constructed odor system uses a fan to create negative pressure over the Haag tanks and pulls any odor 25ft up and disperses it over a large area. Due to the recent odor and the resulting complaints, Mr. Alford has directed Jacobs to not operate the new odor system and instructed HRC to conduct a new odor study to verify the odor source. Data is being collected to gain more understanding.

**Attorney Comments:**

Randy Pentiuk reported that he and his team are working on a number of grant opportunities, including working with Senator Peter's office to help plan for future funding opportunities. Jacobs has currently taken the lead on the PACE grant opportunity. In addition Dingell's office is working with Mr. Pentiuk on an evaluation for the submitted project.

In regards to the insurance claim for the elevator there is a part and labor delay MML is aware of which will take time.

An additional quote was received for the Wet Well from a contractor which MML approved.

In addition SHVUA has not changed their position on the multidistrict litigation lead by a Law Firm out of New York City. The focus remains on drinking water and not waste water treatment plants. Mr. Pentiuk has inquired but hasn't been informed if any other Michigan wastewater treatment plants have joined yet.

**Other Business:**

No other business was presented at this time.

**Adjournment:**

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

Respectfully submitted,



Dan Alford, PE  
System Manager