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34001 W. Jefferson Ave, Brownstown Township, Michigan 48173

Regular Meeting Minutes August 19, 2026

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

Roll Call:	Brownstown – Roxie Fairchild	S. Rockwood – Art Wenzel
	Flat Rock – Eric Holtz	Gibraltar – Jon Csont
	Huron – Eric Scanland	Van Buren - Sean Bellingham
	Woodhaven – Tim Neighbors	

Also present:	Dan Alford	Randy Pentiuk, Attorney
	Mark Houle, Jacobs	Noah Bednar, Jacobs
	Andy Mechel, Jacobs	Aaron Uranga, HRC
	Lauren Fath-Azam	Rick Wixson, Actemium
	Bill Brickly, Plante Moran	

Agenda: As presented.

Minutes:

Motion by Brownstown, second by Flat Rock to approve the Meeting Minutes from the July 15, 2026 Monthly Board Meeting. All Communities are present. Motion carried unanimously.

July 2026 Expenditures:

Motion by Van Buren, second by Woodhaven to approve July 2026 Expenditures totalling \$695,257.53. All Communities are present. Motion carried unanimously.

Trial Balance and Budget to Actual as of August 31, 2026:

Motion by South Rockwood, second by Brownstown to receive and file the trial balance and budget to actual as of August 31, 2026. All Communities are present. Motion carried unanimously.

Jacobs Report:

Mark Houle reported multiple NPDES exceedances this past month: eight 7-day fecal count exceedances and one minimum pH exceedance. Issues with the bleach dosing pumps rotating, but not pumping was the root cause. Operations, maintenance, and lab personnel worked together to resolve the issue. A violation notice will be received and shared with SHVUA leadership. Jacobs adjusted its alarms so this incident does not recur and notified the System Manager at the time of the event. Dan Alford appreciated the automation Jacobs is implementing to avoid further issues, but inquired how staff missed the lack of falling tank volume. Mr. Houle noted that Jacobs inspects the tank multiple times a day and suggested the tanks are difficult to see through due to age.

Mr. Houle continued to report that twelve odor complaints were logged in July from four different sources. On August 17, Mr. Houle received numerous calls and texts from concerned residents, all of which he logged in an Excel spreadsheet. Mr. Houle explained that while plant odors were normal, noticeable odors were detected while driving nearby, which dissipated further down the road. He added that the odors generated by the SHVUA plant were within reasonable operational limits. Tim Neighbors expressed gratitude for Mr. Houle's efforts in addressing resident concerns, noting that residents can be unkind at times.

Noah Bednar reported that the service area received an average of 2.17 inches of precipitation during July. As usual, ferric usage directly correlated to orthophosphate concentrations. Exhibit 3 provides a summary of all compliance data and corresponding NPDES permit limits for each parameter, with NPDES violations highlighted in orange. Industrial users sampled included Wayne Disposal, Arsenal Landfill, and Pinnacle. As Mr. Houle previously reported, two odor complaint reports from the past month were submitted to Dan Alford. Exhibit 5 shows chemical usage, which increased for the month of July; Jacobs aims to decrease usage back to baseline levels. LysteGro production remains routine, and Lystek looks forward to the upcoming October haul date.

Andy Mechel reported that the Dragonfly report will be finalized soon and sent to Mr. Alford for review. The 2026 inspections will take place over the next few months. Pump stations continue to operate as expected. Recent maintenance activities included cleaning the chlorine contact chamber, and replacing hypo pump piping due to leaks. The new generators performed well during the 4th of July holiday rain event. Work orders and preventive maintenance tasks were completed on schedule.

Mr. Mechel introduced a new maintenance employee who recently joined the team. Jacobs is very pleased with the addition, noting that the employee brings valuable wastewater treatment experience and expertise. All remaining perimeter signage was installed over the past few months, and work continues on upgrading the HVAC systems. Several projects have been initiated, including repairs to the elevator and gravity thickener #1. Regarding the elevator, Michigan Municipal League is onboard to simplify the project by converting it to a freight

elevator, which reduces regulatory safety requirements and parts needed. The State plans to conduct an inspection once the elevator is operational. Randy Pentiuk inquired about the specific steps required to convert and operate the unit as a freight elevator rather than a passenger elevator; Schindler will provide the required scope of work. Mr. Mechel concluded by noting that equipment status remains largely unchanged. MISS DIG activity included 47 tickets processed and 23 markings completed past month. Finally, a scrap metal dumpster was brought onsite to collect and recycle facility scrap metal, with reimbursement checks to be issued directly to SHVUA. Training and sustainability continues.

Mr. Mechel introduced Rick Wixson from Actemium, Jacobs' SCADA integrator, who was brought on to address cybersecurity concerns. Mr. Wixson spoke regarding system protections and the measures in place to secure the network, assuring the board that the network is protected by military-grade security. Mr. Alford asked Mr. Wixson to clarify the separation between the Jacobs business network and SCADA. Mr. Wixson explained that these are two physically separate networks. If an unauthorized user were to breach the Jacobs business router, they would still need to get through several layers of protection in order to access the OT network where operational damage could occur. Mr. Wixson emphasized that Jacobs and SHVUA are significantly better protected than other utilities currently facing cyber threats. Tim Neighbors inquired whether SHVUA needs to take any additional steps to further enhance security. Mr. Wixson noted that software will need to be updated periodically, but no further action is required at this time. Randy Pentiuk expressed his concern if employees click an email link where they shouldn't and it opens the network to be exposed. Mr. Wixson explained that the only way that would happen is if the SCADA network utilized the internet. Mr. Houle confirmed that the SHVUA equipment is not utilized for the internet.

Sean Bellingham inquired what the cost of the factory update would be. Mr. Wixson noted that the cost would be around \$45,000.

CDM Smith Billable Flow Report for July 2026:

Capacity Exceedances

Dan Alford informed the Board that there was an interceptor capacity exceedance for South Rockwood on July 5th. There was no treatment capacity exceedances in July.

Motion by Van Buren, second by Woodhaven to receive the CDM Smith Billable Flow Report for July. All Communities are present. Motion carried unanimously.

HRC Report:

Haag Tank Improvement Project

Aaron Uranga reported that HRC continues to work diligently on the Haag Tank Improvement Project. The Part 41 permit application was submitted, and EGLE confirmed that a formal Part 41 permit will not be required. EGLE requested calculations regarding the volume impact of column repairs for project review, which HRC provided. The Soil Erosion and Sedimentation Control permit was approved, and the contractor is ready to move forward. The narrative for the

EPA grant has been sent to Mr. Alford for final review. The project will be advertised this coming Monday, with bids expected in September.

Mr. Uranga informed the board that Nate Coffin is conducting confined space engineering work on the grit tanks, as additional delamination of the coating has been observed below the waterline. Progress has been slow in getting the subcontractor from Heaney out to address punch-list items, and this newly identified coating failure three feet up from the tank floor will be added to the warranty items scope of work.

System Manager Report:

September Meeting at WWTP

Dan Alford reiterated that next month's Board meeting will be at the plant with Jacobs hosting an open house afterwards.

ADA Compliance for SHVUA Website

Mr. Alford introduced the quote included in the meeting packet from a vendor to make the SHVUA website ADA compliant. The base cost would be \$3,500, with a contingency of \$1,500 for a not-to-exceed total of \$5,000. Mr. Alford asked if any community had other options to ensure ADA compliance for their municipal websites. The deadline for ADA compliance is April 2027. Mr. Alford plans to bring this item to the Board next month for approval.

Odor Investigation

After receiving 24 odor complaints last month, Mr. Alford believes it is best to exhaust all efforts to identify any and all potential odor sources. Having now obtained Wayne County's applicable drain drawings, Mr. Alford and Mr. Houle plan to inspect the county drain for possible odor sources. DTE was also onsite this week to determine whether there was a natural gas leak; a potential location was identified, and a report will be sent to Mr. Alford. Mr. Alford noted that other potential sources of odor could be nearby yard compost or stagnant water. The wastewater plant appears to be a less likely source, as odors dissipate the farther from the plant you get. .

In regards to the thickener tanks Jacobs has been in discussion with Mr. Alford. Both the primary and biological sludge is co-mingled in the thickener tanks prior to dewatering. Due to the corrosive nature of wastewater sludge, three of the four thickener mechanisms have failed and need to be replaced. The cost would total nearly \$900,000 for replacement equipment. Jacobs, HRC and himself have done their due diligence and believe getting these replaced from the original manufacturer will be the most economical method. Next month Mr. Alford will bring this large purchase to the Board and will need unanimous support to approve this purchase over \$500,000.

Attorney Comments:

Randy Pentiuk reported that routine work continues and all of his issues have been brought up previously.

Other Business:

No other business is to be presented at this time.

Adjournment:

Motion by South Rockwood, second by Woodhaven to adjourn the monthly SHVUA Board meeting at 10:58 am. All Communities are present. Motion carried unanimously.

Respectfully submitted,



Dan Alford, PE
System Manager