



**Regular Meeting Minutes  
February 15, 2023**

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 – Art Wenzel

Also present: Dan Alford      Randy Pentiuk, Attorney  
                         Mark Houle, Jacobs      Andy Mechel, Jacobs  
                         Nathan Callison, Jacobs      Bill Davis, HRC  
                         Sean Bellingham, Van Buren      Stacey Reeves, Plante Moran  
                         Scott Mangold, Jacobs      DJ Verbrugge, Jacobs

**Agenda:**      As presented.

**Minutes:**

Motion by Gibraltar, second by Brownstown, to approve the Meeting Minutes from the January 18, 2023 Monthly Board Meeting. All Communities are present. Motion carried unanimously.

**Expenditures:**

A check of \$400 check no. 3250 is added to the January expenditures. Motion by Gibraltar, second by Woodhaven, to approve the January 2023 expenditures of **\$1,020,002.64**. All Communities are present. Motion carried unanimously.

**Budget to Actual and Trial Balance as of February 28, 2023**

Motion by Brownstown, second by Flat Rock, to approve the Budget to Actual and Trial Balance as of February 28, 2023. All Communities are present. Motion carried unanimously.

**Preaudit Communication Letter, Plante Moran**

Stacey Reeves presented the Preaudit Communication Letter to the board. The audit will commence at the start of February until the end of March. The Audit will be presented to the board at the April board meeting.

**Jacobs Report:**

Mr. Houle highlighted a few things in the meeting packet. New items include another chart that shows orthophosphorus which is what's treated with ferric chloride. Mr. Houle plans to drop off a check today to the mortgage company. He notified them that there are 6 tax ID's. There may be some easements involved. On a different note Jacobs will need to address the issue that Flat Rock Metal has not been compliant as of late.

Nathan Callison reported that the plant has been busy. No permits or exceedances this past January. On the 12th and the 26th stormwater inspections were completed with no issues. January 30th and 31st Jacobs conducted their monthly spill prevention and countermeasure. No issues noted. On the 6th of February flow data, precipitation data and Quala Wash flow data was submitted to CDM Smith. On the 9th of February DMR and MOR data was submitted to MyEnviro. 3" of precipitation was received and the plant is back into wet weather. The EQ Basin was used on the December 31st and January 1st when 4.382 Million gallons were diverted to the EQ Basin and were dewatered as quickly as possible. On New Year's Eve a 3rd Biodeck was put online and the plant has been running well thus far on 3 Biodecks. 12-hour coverage continues. Lystek operations are going well with the last sludge sent to landfill on the 28th of October. Sludge cell #2 is filling up and cell #3 is now available if needed. In addition to compliance sampling Jacobs monitors ortho phosphorus. Jacobs will monitor the results and make process adjustments as needed. Mr. Callison added that no industrial users were sampled or inspected this past month. Exhibit 4 shows chemical and energy usage. Energy usage is a bit high but due to the 3 Biodecks being utilized and the CIP underway.

Dan Alford added that DTE made an announcement that there will be a new electricity rate between 3 and 7 pm starting March 1st. Mr. Callison commented that the plant's rate is structured slightly differently and is unaware of how it will affect them as of now. Jacobs will look into it and report back.

Mr. Houle continued to report that in regards to Biosolids, Lystek production continues fairly well. Jacobs received PFAS and PFOA sampling results for the year and it's the first time he has ever seen the results come up as non-detectable. Jacobs has produced 357,000 gallons of LysteGro this past month. Cell 4 is out of service currently. The full date for cell 3 is in June and the full date for cell 4 is September.

Andy Mechel reported that Jacobs met with Taplin in regards to a schedule for the Interceptor work. They are still waiting on exact dates. A lock on the gate will be installed at Odette. Cleaning and painting continues. Primary clarifier #1 should be up and running this week. Waiting for the control system to be installed but Jacobs installed temporary heaters at

Headworks. The new water system for the Laboratory is running well. Gravity thickener #4 inspections were completed and waiting pricing on some parts. Cleaning and organizing has continued throughout the plant. Still working with HRC and Heaney with scheduling and equipment availability. There are still heating issues throughout and Jacobs plans to address those issues. Switchgear breaker rebuilds continue and they hope to have them back in the next few weeks. MISS DIG activities include the purchasing of a new vehicle with lights installed for night time usage. Training continues and sustainability is a focus. Mr. Houle added that they are working with Huron River Watershed on doing some sampling for them outside of SHVUA work.

Scott Mangold added that in regards to cyber security he will be in touch with Dan Alford to discuss some dates and times where they can sit down and discuss possible actions more thoroughly.

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

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

### **HRC Report**

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

Bill Davis updated the board that on the first bullet point the overall progress should be listed as complete through January 1, 2023. Mr. Davis believes the project to be 65-66% complete at this time. Construction administration and observation tasks continue. 187 RFI's to date. Work completed by the contractor in January included work on the final clarifiers with work continuing on clarifier #3 as well as the installation of the scum piping and the effluent weir box. The HVAC renovation controls are still being worked on and not yet finalized. Air balancing in the admin building is underway and continues to be tweaked. The HAAG tanks odor control fan duct work and fan building continue to be worked on. Cell #3 has been turned over to Jacobs for use. The decant valves have been removed in January and cell #4 is ready to be worked on. The grit washer continues to be worked on. Preliminary sludge piping work is underway. Sludge line #1 has been replaced. Structural and architectural repairs continue in the gallery and in the buildings. DTE has indicated that they do not have SH-6 actively scheduled for relocation but will most likely happen at the end of March. The SFE replacement is underway and Jacobs has received the VFD's for the pumps.

Lystek had been out in February to make some tweaks to vibration which were successful. HRC should be able to issue a final completion and get Sean Bellingham a final bill next month in regards to Lystek.

The timing for the clarifiers and the VFD's have a direct impact on the schedule. This has pushed out the final completion date to January 2024 which is about 2.5 months out from the prior completion date.

**Informational Only - Construction Authorization No. 1 from A.3 Allowance**

Not currently requesting any action by the board and looking for a signature from the Chair today. It is for the joint waterproofing repairs in cell #4.

**Construction Change Order #6**

Mr. Alford inquired if this change order would get the plant caught up in terms of outstanding change orders. Mr. Davis noted that there are still a few after this change order regarding clarifier #3.

Motion by Woodhaven, second by Brownstown to approve an increase to Heaney General Contracting, Inc.'s total construction contract amount by \$39,155.20 from the current contract amount of \$20,428,026.49 to the new amount of \$20,467,181.69 and the Chairman to execute it on behalf of the Authority. All Communities are present. Motion carried unanimously.

**System Manager Report**

Dan Alford reported that from a construction issue standpoint, Heaney has been difficult but much progress has been made with HRC's help.

**Construction Issues / IPP Rate Review Update**

Mr. Alford continued to report that Mr. Houle and himself are going to look into the prior agreed upon IPP rates.

In regards to the MISS DIG training Mr. Alford has invested in quite a bit of time. He hopes that things will move swiftly as time goes on.

Due to the Romulus agreement Mr. Alford has spent a lot of time with Randy Pentiuk analyzing the 1 mile of pipe that Romulus utilizes. He has discovered from an operational and maintenance standpoint that they need to make sure one specific regulator is in service and operable. He will speak with Jacobs to set up a schedule.

**Attorney Comments**

Randy Pentiuk pointed out that the cost associated with the inspections by Jacobs of the Romulus piece will be passed onto Romulus. Mr. Houle assured the board that the inspection of the pipe is part of their contract with Romulus.

Mr. Pentiuk added that he believes the transition from Firooz Fath-Azam to Dan Alford as System Manager has been seamless.

**Other Business**

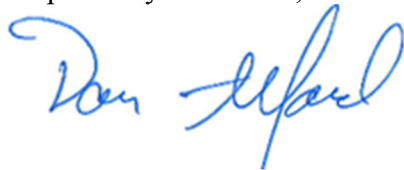
No other business is to be presented at this time.

**Adjournment:**

There being no further business to come before the Authority, the meeting was adjourned at 11:00 a.m.

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

Respectfully submitted,

A handwritten signature in blue ink that reads "Dan Alford". The signature is written in a cursive, flowing style.

Dan Alford, PE  
System Manager