

**EAST BRANDYWINE TOWNSHIP MUNICIPAL AUTHORITY
SEPTEMBER 13, 2022**

Members in Attendance:

David Summers, Vice Chairman
Sandra Moser, Treasurer
Thomas McClung, Member

Absent:

Michael Corbin, Chairman
David Whelihan, Member

Also in Attendance:

Luke Reven, Township Manager
Matthew VanLew, Township Roadmaster
Joseph Boldaz, Municipal Authority Engineer
Jan C. Bednarchik, Recording Secretary

The East Brandywine Township Municipal Authority meeting of Tuesday, September 13, 2022, was called to order at 8:00 AM by Vice Chairman Summers. Other attendees included John Dean of EEMA and Sam Dever of Hydraterra Professionals.

Minutes

Mr. McClung moved to approve the minutes of the Tuesday, August 9, 2022, meeting as written. Mr. Summers seconded the motion, which carried unanimously.

Treasurer's Report

Mrs. Bednarchik read the Treasurer's Report and provided a list of thirty-three invoices for the period of 8/10/22 through 9/13/22 totaling \$102,004.87 for approval and payment from the Operating Fund. Mr. McClung moved to approve the Treasurer's Report and pay the bills as presented. Mr. Summers seconded the motion, which carried unanimously.

There were four settlements in August at Mapleview. The number of occupied dwellings is ninety-one plus the model home.

Applecross

John Dean reported that the plant is running well, and all permit parameters were met in August. Drip tubing damaged during the tree felling project was repaired, and spray zones are back online. Maintenance items included replacing a broken coupler on the disk filter sludge waste pump, removing grease from floats at Pump Station C, installing a new pressure gauge on SBR blower #1, and replacing broken belts on Sludge Holding Tank blower #5. The rebuild of the American Drip Skid is scheduled for later this month. Average daily flow was 128,000 gallons, and total treated effluent was 3,967,000 gallons for the month of August.

Aqua Aerobics will be onsite later this month to discuss the upgrade requirements and cost for the control panel PLC and HMI.

Mr. Boldaz reported that the project to remove dead and diseased ash trees in the drip fields was successfully completed in August with minor damage to the drip tubing. Hydraterra issued a letter on 9/13/22 noting that the work was consistent with the quote amounts and contract documents and recommending approval of payment in the amount of \$21,600 to Martin Tree Service, LLC.

Keats Glen

Mr. Dean reported that an exceedance of CBOD is anticipated due to a possible contaminated sample. All sample tubing was replaced as a precaution. Average daily flow was 6,000 gallons, and total treated effluent was 183,000 gallons for the month of August.

Mr. Boldaz reported that an inquiry to the county and the state yesterday regarding the status of the pending ARPA and LSA grant applications yielded no decision or forecast on when a decision would be made.

Estates at Dowlin Forge/Hillendale

Mr. Dean reported that the plant is running well, and all permit parameters were met in August. The UPS unit for the control panel PLC is not working. EEMA installed a temporary unit and will contact Mull's Electric about the warranty status on the unit they installed during the repair period. A rubber gasket was installed to stop a leak on the drip skid. Average daily flow was 28,000 gallons, and total treated effluent was 882,000 gallons for the month of August.

A tour of the plant was given to Tom and Patti Reidinger, neighboring property owners who have registered odor complaints. Mr. Dean explained that the plant is automated and runs through the same cycles all day. The sludge truck has been eliminated as a source of the odors because the scheduled weekly visits do not coincide with the day and time of the complaints. Mr. Dean said the aeration schedule was increased to continual operation and suggested there was little else that could be done to the process to minimize odors. Since the increased aeration has made no difference in odors, the normal aeration schedule will resume to save electric costs. The Reidingers were asked to record and timely report the date, time, and weather condition/wind direction when odors are observed going forward. They granted permission for an inspection of the wetland area behind their home to determine whether any anaerobic conditions exist in their pond.

Mr. VanLew reported that Main Street Power was called to troubleshoot an issue with the display screen on the generator. It was determined that a defective charger caused the start batteries to fail. Main Street installed a new charger and batteries and tested the system. The service call will be billed to Metropolitan Development Group since the unit is still under the maintenance bond period.

Mr. Boldaz noted that there has been no response from Metropolitan regarding the issue with the paving around the fencing at the two pump stations. Hydraterra will contact a local fencing

contractor for a quote to move the fence posts one foot inside the existing paving in accordance with the design drawings. While on-site, the fence contractor may be asked to relocate the lock on the pump station fencing to the outside of the gate. Metropolitan will be notified in writing that the Authority intends to seek reimbursement for the fencing work, the UPS unit, and the generator service call under the maintenance bond or the Repair Fund.

Mapleview

Mr. Dean reported that EEMA continues to monitor the pump station, flow, and generator twice a week. Average daily flow was 9,000 gallons for the month of August.

Hydraterra issued a letter dated 8/26/22 recommending the approval of Phase 3 Sanitary Sewer Escrow Release Request #1 in the amount of \$126,148.92. The amount remaining in the escrow account after the release, including retainage, will be \$20,566.34. Mr. Summers moved to approve the Phase 3 Escrow Release Request in the amount of \$126,148.92 as recommended by the Authority Engineer. Mr. McClung seconded the motion, which carried unanimously.

Mr. Boldaz suggested the escrows for all three phases be reevaluated for potential increases in the amount of security due to inflation, as authorized per the financial security agreements. He also noted that the electrical design for the Mapleview drip fields was never completed, and the Special Study for the proposed combined drip system for Mapleview and Weaver has not been submitted for review. Mr. Oeste reported that he contacted Brian Nagle, Esquire, counsel for the developer, and requested an estimate based on current costs be submitted to Hydraterra for review. He further informed Mr. Nagle of the Authority's concern that there has been no progress on the final design and construction of the Mapleview drip fields or the possible joint disposal system; and that the connection of additional units will be adversely affected if drip disposal is not available by the deadline of January 31, 2024, in accordance with the Part 2 permit.

Mr. Oeste advised that Don Sample will be transitioning out of the Mapleview and Weaver projects in 2024 because of his involvement in a new project in Maryland. Michael Braver will be bringing a new project manager on board to assist with the projects.

Brandywine Walk/Weaver Tract

Mr. Boldaz advised that Hydraterra received revised land development plans from D. L. Howell yesterday. A review letter will be issued prior to the next meeting. Mr. Oeste indicated that the final plan will be on the agenda for consideration by the Board of Supervisors on 10/06/22.

Mr. Boldaz mentioned that a groundwater monitoring well casing located at the intersection of Route 322 and Bollinger Road needs to be abandoned. This was a punchlist item for intersection improvements that Pulte Homes was to complete but is now the responsibility of the current owner. Don Sample was notified and will discuss the issue with his traffic engineer. The well casing is expected to be abandoned in the future when a contractor is onsite to drill three new wells.

McCausland/Plank Tract

Mr. Oeste indicated that the preliminary plan will be on the agenda for consideration by the Board of Supervisors on 10/06/22.

Hydraterra issued a letter dated 8/17/22 with an update on the monitoring well installation. In June 2022, seven monitoring wells were drilled adjacent to the proposed drip disposal area. In July 2022, a constant rate well pumping test of well MW P-2 was conducted. Hydraterra is waiting to receive the results of the hydrogeologic study for review.

Hideaway Farms

Mr. Dean reported that the twice weekly inspections of the pump station were performed. There have been no major issues or maintenance required. A solar powered motion light was installed on the dosing pump station. Meter readings were provided to Aqua for invoicing the Authority. Average daily flow was 23,400 gallons for the month of August.

Hydraterra will secure a quote for a spare pump for consideration in the 2023 budget.

Old Business

A contract with Suburban Laboratories to provide groundwater monitoring services was signed by the Vice Chairman in accordance with the bid award made at the August meeting.

New Business

The annual tour of the treatment plant facilities was scheduled for Saturday, October 29, at 8:30 AM.

Budget requests for 2023 are to be submitted prior to the next meeting.


Public Comment

None.

Adjournment

Mr. McClung moved to adjourn the meeting at 9:12 AM. Mr. Wade seconded the motion, which carried unanimously. The next meeting is Tuesday, October 11, 2022.

Respectfully submitted,


Jan C. Bednarchik
Secretary