

EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
June 10, 2013

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday, June 10, 2013 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Fran Beck, Jack Yahraes, Dana Pizarro, and Kevin Cummings. Also in attendance were: Rick Smith (Township Manager), Carmen Battavio (Township Supervisor), Mark Miller (Director of Public Works), Dan Barbato & Mike Ellis (Pennoni), Scott Towler (BFES), and Walter Wujcik (Conservancy Board).

COMMON ACRONYMS:

<i>BFES – Big Fish Environmental Services</i>	<i>MA- Municipal Authority</i>
<i>BOS – Board of Supervisors</i>	<i>NPDES – National Pollutant Discharge Elimination System</i>
<i>CB – Conservancy Board</i>	<i>PC – Planning Commission</i>
<i>DEP – Department of Environmental Protection</i>	<i>PR – Park & Recreation Board</i>
<i>EPA – Environmental protection Agency</i>	<i>RCSTP – Ridley Creek Sewer Treatment Plant</i>
<i>HC – Historical Commission</i>	<i>SBR – Sequencing Batch Reactor</i>
<i>I&I – Inflow & Infiltration</i>	<i>SSO – Sanitary System Overflow</i>
<i>LCSTP – Lockwood Chase Sewer Treatment Plant</i>	<i>WAS – Waste Activated Sludge</i>

Call to Order & Pledge of Allegiance

Fran called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. There was a moment of silence to remember the troops. Fran asked if anyone would be recording the meeting and there was no response.

Big Fish Environmental Services

Treatment Process Operation – During the month of April 2013, there were no exceedances of the final effluent discharge limitations for Outfall 001. Flow to Applebrook, Outfall 002, began on April 26th. The monthly average total phosphorus concentration was 0.23 mg/L as compared to the discharge limitation of 0.5 mg/L. During the month, the final effluent total phosphorus concentration discharged ranged from 0.10 mg/L to 0.24 mg/L.

During the month of May 2013, there are no anticipated non-compliance issues with respect to the discharge permit limitations. It is noted that the final effluent CBOD₅, collected on May 23rd is under review due to suspected test error or contaminated sample. The sample is being retested for CBOD₅ including additional analysis for COD.

Transfer of treated effluent to the Applebrook Golf Course was initiated on April 26, 2013. The Township Staff replaced the pump due to the original pump being seized and drawing excessive amperage. During May, the replacement pump is discharging an average of 161,512 gallons/day. Composite samples are collected at the influent doghouse manhole. The influent flow meter reading is collected from the influent flow meter located prior to the Screening Building, excluding the internal recycle flows.

SBRs 1, 3 and 4 were in service during the month of May. Process monitoring of each SBR included ammonia as N, Nitrite as N, Nitrate as N, COD, SSV, MLSS and total Phosphorus. Microscopic examinations and physical observation of the SBR MLSS and foam color is ongoing. Foam concentrations remained around the same concentration as during March. Present surface area coverage during React Phase ranges from approximately 90 to 100%. The foam remains as light brown in color and averages 2 to 4 inches in depth.

Daily monitoring of the influent and final effluent 24-hour composites samples for total phosphorus is ongoing. Daily analysis of the final effluent flow equalization grab sample of total phosphorus is ongoing.

Addition of aluminum sulfate solution to the SBRs to assist with phosphorus removal continued. The volume of aluminum sulfate solution to the SBRs was increased at the end of May as total phosphorus concentrations in the SBRs at the end of the React Phase began to increase. SBR No 2 remains out of service. The tank was partially filled to allow for the blower to operate to prevent odor production. Transfer of the contents and cleaning of the SBR is planned for June to reduce energy costs and potentials for odors.

Process Monitoring On-Line Instrumentation:

The ChemScan phosphate analyzer remains on line. Comparison testing for reactive (ortho) and total phosphorus has been discontinued due to the large differences in phosphorus values between the onsite and online analyzer.

The Hach Company has expressed interest towards piloting their online instrumentation. Data is being gathered to assist Hach towards deploying a unit for piloting at RCSTP.

During the month, sludge wasting to the sludge holding tanks and decanting of the sludge holding tanks was ongoing. Process monitoring included pH, total alkalinity and total solids. Sludge holding tank No 1 was in service. The level at the beginning of the month was 10.79 feet and the level at the end of the month was 5.51 feet. The initial total solids concentration was 0.60% and ended the month as 0.57% total solids. A total of 118,478 gallons of supernatant was decanted during the month.

Significant Storm Events:

During May there were no significant rainfall events contributing to excessive influent wastewater flows to the treatment facility.

Minor Repairs and preventative Maintenance:

- Replaced the grease in blowers B1A, B1B, B1C and B2.
- Replaced a failed pump tube for alum feed pump MP-31
- Requested and received supplies to repair the leaking alum valves.
- Removed the centrifuge controls UPS for repair/replacement.

Chairman's Report

1. Kevin attended the West Goshen meeting. Nothing to report.

Approval of Minutes

The Chairman noted that the minutes of the May 13, 2013 meeting were approved as corrected.

Approval of Invoices

1. Jack moved to approve payment of 5 Pennoni invoices:

#548281	\$ 427.50
#548282	\$ 393.75
#548283	\$ 401.50
#548284	\$4,429.25
#548285	\$7,301.00

Dana seconded the motion. There was no discussion. The motion passed unanimously. Jack moved to approve payment of Earthcore invoice #6478 (paid #2179) for \$2,600.00. Kevin seconded the motion. There was no discussion. The motion passed unanimously.

Jack moved to approve payment of PA DOT invoice \$4,089.21. Dana seconded the motion. Rick explained that this is a fee for services. The motion passed unanimously.

Kevin moved to approve payment of Plymar Invoice #3 Marydell PS Project for \$50,608.00 and change order #1 (for a french drain) for \$1,360.00. Jack seconded the motion. There was no discussion. The motion passed.

Dana moved to approve payment of Delaware Valley Utility Contractors Inc. Application #1 for \$135,130.49. Jack seconded the motion. There was no discussion. The motion passed unanimously.

Liaison Reports

1. Conservancy Board – Walter reported that the Board will discuss the bid from Weeds Inc. for spraying. They will discuss plant conditions at Paoli Pike and Line Road.
2. Board of Supervisors – Carmen reported that they had the annual strategic planning session with Jon Altshul and township staff. Revenues are good. The Township is in good shape financially. They are looking at several options for bonds. Thom Clapper is resigning effective immediately so there will be a meeting tomorrow night, 6/11/13, to accept his resignation and decide what method to use to replace him.

Financial Reports

1. Jon Altshul, CFO, provided reports with the following comment: The Municipal Authority recorded \$122,852.36 in expenses and \$99,171.78 in revenues (primarily from transfers from the Sewer Capital Reserve and Sewer Operating funds) in the month of May a difference of -\$23,680.58 (in a strangely symmetric twist, the net income in April was +\$23,600.58). The fund balance is now \$49,283.73.

Old Business

None

Goals

1. Newsletter – Dana provided an article for June and Kevin also provided one on the same subject. Rick reported that the letter from the Municipal Authority was sent to the Board of Supervisors recommending that they reconsider their decision to stop delivery of the paper newsletter. The BOS asked Rick to research options for a paper newsletter.
2. Mark reported that on the Lochwood project the back pond is finished, they seeded straw back to the plant and only need to take care of the fence.

New Business

1. Proposal for Professional Services from Pennoni for the Reserve Pump Station. Rick reported that bids are due June 19, 2013 and a construction contract award is projected to occur on Tuesday, June 25, 2013 at an 8:00 a.m. meeting. Work is scheduled to start in July and be done in October. Pennoni's estimated fee is \$20,000. Kevin moved to accept the Pennoni proposal in the amount of \$20,000.00. Fran seconded the motion. There was no further discussion. The motion passed unanimously.

2. Rick will prepare a report for the Board of Supervisors on the 2013 Goals.

Capacity Requests

None

Sewer Reports

1. **Mark Miller, Director of Public Works**, provided the following report for May:
Meters – The meters were read on a daily basis. No problems to report. The portable flows are being read on a weekly basis
Pump Stations – Were visited on a daily basis.
CC Collection: We had a problem with the Barkway Pump Station. The control board went bad. M.S. Service was called in to replace the board.
The backup float system was acting up at the Hershey Mill Pump Station. They pulled two floats and replaced them.
The Hershey Mill Force has been switched over. They noticed a big difference in the pumps due to less head pressure. The switch over went well.
They were notified of a sewer back up on Barker Drive. The blockage was cleared.
They were notified a week later of another clog. They dug up the trap and found a piece of cast iron pipe broken off and wedged in the pipe.
They were called out to Heather Lane for a sewer odor. They pulled the sketch plan of the sewer lateral from the house to the street and this allowed them to locate a cleanout which had a broken cap. The cap was replaced.
R.C. Collection: All pump stations were visited on a daily basis. No problems to report.
R.C. Plant: Scott asked to meet to go over some minor problems. Nothing else to report.
Alarms: They received a total of 22 alarms
PA One Calls: They received 94 PA One calls for the month of May.

2. **Pennoni**: Dan Barbato announced that Mike Ellis would be taking his place at the monthly meetings. Jack thanked Dan for his services and welcomed Mike as the engineering representative.
Mike provided the following engineer's report:
Invoices: Invoices with summaries are provided under separate cover.
Ridley Creek Sewage Treatment Plant (RCSTP) – Pennoni continues to coordinate with the Plant Operator and will provide operations assistance as needed. No issues were brought to our attention in April.
Marydell PS Elimination – We continued to perform field observation of the sewer construction including jacking and boring across Boot Road, sewer installation through the island at the intersection of Boot Road and Paoli Pike, pressure testing of three new sewer runs along Paoli Pike and restoration paving.
We received the contractor's third payment request and forwarded our recommendation to the Township. We also reviewed two change order requests. We forwarded Change Order #1 to the Township and we are awaiting additional documentation from the contractor before we prepare Change Order #2.
We anticipate another 2-3 weeks from the time of this report to complete the project, estimated completion in late June. The contract completion date is July 15.
Hershey's Mill PS Diversion: We continued to perform office support and field observation of the work, including cured-in-place manhole lining, directional drilling and pipe installation, gate valve installation, hydrostatic pressure testing, pumping and hauling wastewater from the Hershey's Mill PS during the temporary shut-down,

connections to existing force main and existing tie-in manhole, activation of the diverted force main, existing force main flushing and abandonment, and temporary pavement restoration.

We received additional shop drawings for relief valves for pressure testing and manhole ladders.

Only limited work remains: punch list items, installation of a plug in the abandoned pipe at the manhole on Clover Lane, site clean-up and restoration, and removal of temporary paving and replacement with permanent paving. The punch list and restoration work is expected to be completed within the next 1-2 weeks, and the contractor intends to install permanent paving in early July.

We reviewed the contractor's first payment request and notified the contractor of required revisions. We will forward our recommendation to the Township prior to the June Authority meeting.

Reserve PS Elimination – We finalized the plans and specifications and solicited the project on PennBID on May 17, 2013. Bids are due June 19, 2013 at 10:00 a.m. with the intent to award the project at the Special Authority meeting on June 25, 2013.

Construction will likely begin in mid to late July and the contract duration is 90 days. We attended a non-mandatory pre-bid meeting on June 4, 2013. Four (4) contractors attended.

We also issued Addendum #1 and responded to questions from prospective bidders.

Reservoir Road Pump Station – We updated our scope concept and cost estimate from 2009 and forwarded a summary memo to the Township.

Any Other Matter

None

Correspondence

1. Rick received a letter announcing that as of May 6, 2013 the Authority's accounting firm's name is Maillie LLP.

Adjournment

There being no further business, Jack moved to adjourn the meeting. Dana seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:05 pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary