

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
June 11, 2012**

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday, June 11, 2012 at 7:00pm at the East Goshen Township building. Members in attendance were: Vice Chairman Fran Beck, Joe McCawley, Jack Yahraes, and Kevin Cummings. Also in attendance were: Rick Smith (Township Manager), Mark Miller (Director of Public Works), Jon Altshul (Township CFO), Walter Wujick (Conservancy Board), and Dan Barbato (Pennoni).

Call to Order & Pledge of Allegiance

Fran called the meeting to order at 7:00pm 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.

Chairman's Report/Other Members' Reports

1. Joe was not able to attend the West Goshen Municipal Authority meeting in May.
2. Community Day on Saturday June 23, 2012 was discussed. It was decided that a poster will be provided describing what the Municipal Authority does.

Approval of Minutes

The Vice Chairman noted that the minutes of the May 14, 2012 meeting were approved as corrected.

Approval of Invoices

Joe moved to approve payment of the following Pennoni invoices:

a. Pennoni #501145	\$	920.25
b. Pennoni #507185	\$	498.50
c. Pennoni #507186	\$	320.50
d. Pennoni #507187	\$	289.75
e. Pennoni #507188	\$	6,049.00
f. Pennoni #507189	\$	558.00

Jack seconded the motion. There was no further discussion. The motion passed unanimously.

Joe moved to approve payment of the SMJ Construction Payment #1 Lockwood Div. for \$105,473.97. Jack seconded the motion. Kevin liked the format they used for the billing. There was no further discussion. The motion passed unanimously.

Liaison Reports

1. Conservancy Board – Walter reported that the Board worked with Mark Miller to identify invasives along East Boot Road which the Public Works Department removed. In the Fall, the Board will start planting this area. On their agenda for this month's meeting is discussion about the proposal to build a house at 1410 Linden Lane.

2. Historical Commission – Ellen asked Jack to report that Living History Day on Saturday, June 2, 2012 was a huge success. The estimate that there was 550 – 600 guests and there were 50 people helping.

Financial Reports – Jon Altshul, CFO, announced that he invited an auditor who will come to the July meeting. Jon reviewed the May 21st letter from the auditors. The \$5,000 limit given to Rick and Mark for emergencies, was discussed. Kevin feels there should be something more than a mention in the minutes about this. Rick will check and, if there is no resolution, he will prepare one.

Jon reviewed his memo which outlined basic internal financial controls. Fran and the members thanked Jon for his report. They agree with his recommendations. Rick and Kevin will work on an outline about how the Municipal Authority does business.

Jon mentioned the required Statement of Financial Interest that each board member has to complete every year. The members all stated that they turned one in for this year.

Old Business

1. Clinger Invoice – Rick had the revised Clinger invoice #M11143-R for \$1,228.08 which reflects the journeyman’s hourly rate of \$102.3. Jack moved to approve payment. Kevin seconded the motion. The motion passed unanimously.

Goals

1. Newsletter – Dana will do an article for Fall.
2. Jack suggested putting new items in BOLD.

New Business

1. Hershey’s Mill Pump Station Grinder – Pennoni’s proposal was reviewed. Mark mentioned that, with Lockwood closed, the debris has doubled and the trash rack must be cleaned daily. The Muffin Monster will take care of this. They will purchase the Muffin Monster from the manufacturer JWC Environmental. They will also sign up for the service program which supplies a replacement machine while the other is being repaired so there is no down time. The total cost will be \$74,000. Joe moved to approve the proposal and purchase the Muffin Monster. Fran seconded the motion. The motion passed unanimously.

2. Meter Quote from Allied Control Services – Mark explained the purpose of the Flo-Dar Sensor. The cost will be \$15,460. Jack moved to approve the purchase of the Flo-Dar Sensor. Joe seconded the motion. The motion passed unanimously.

Capacity Requests

None.

Sewer Reports

a. Mark Miller, Director of Public Works Report:

Meters: Were read on a daily basis, adjustments were made to Ellis Lane.

Chester Creek Collection: We replaced all the manhole castings in Marydell a total of (44); while replacing the castings each manhole was checked for infiltration. We televised and cleaned the Ashbridge Farms development; we located one leaky lateral which was repaired on June 5. The crew found a broken tee and a cracked clean-out.

The crew also televised the drop manhole in Hershey Mill; the one the contractor tied into for the Lockwood project. The drop was ok. We pulled pump number one, a total of 8150 feet were televised and cleaned.

Ridley Creek Collection: We also televised pipe along Paoli Pike where we located two breaks; rather than digging we will be installing a slip liner. We also found a leaking lateral which we already repaired.

Lockwood Project: The contractor is currently doing restoration work installing curb, raking and seeding. The plant operator is spraying on a daily basis. I located a contractor who needs to get rid of 5000 yards of fill dirt; his job should start in about 3 weeks. Matt from Pennoni still has to air test and vacuum test the lines. The contractor also has to grout the old lines. That work is scheduled for one day next week.

Ridley Creek: In your packet is the quote for the new flow meter from Allied Control; the meter is being supplied from HACH who is on COSTARS for state pricing. I would recommend going with the meter Allied quoted. Also in your packet is the cost for the new sampler.

PA 1 Calls: We responded to 88 PA 1 calls for the month of May.

Alarms: We responded to 23 alarms in May that ranged from power outages to pump failure.

Mark also reported that the request for Plant Operator is out and several companies were shown the facility.

b. **Pennoni Engineer's Report** - Dan Barbato provided the following report:

Invoices - With summaries were provided under separate cover.

Ridley Creek Sewage Treatment Plant –

- No activity this period. We will assist with supporting and reviewing warranty claims and with plant troubleshooting as requested.

LCSTP Elimination

- The contractor, SJM Construction Company, has completed construction of all new sewers and manholes. All effected residences have had their laterals tied into the new sewers, and the entire Lockwood Chase neighborhood now flows through the new sewers. All but two new sewer runs have been pressure tested and passed. The remaining two runs are planned for pressure testing by Friday, June 8.

- Remaining work generally includes final restoration, abandoning existing sewers and manholes in-place with flowable fill, paving, curb replacement, installation of cast-iron boxes and lids on cleanouts, manhole vacuum testing, mandrel testing and televising of new sewers, and preparation of as-built plans. We anticipate the majority of this work will be completed by Friday, June 15. The required contract completion date is July 2, 2012.

- We have performed on-site, part-time construction inspection services throughout the duration of this work. We have also provided in-office construction to resolve utility conflicts and other unforeseen issues.

- We reviewed Invoice #1 and forwarded our recommendation to the township.

Hershey Mill PS Diversion, Reserve PS Elimination Planning

- As reported previously, we have prepared draft plans and draft applications for DEP General Permits (GP) for Stream Crossings. The PNDI Receipt for

the Hershey's Mill PS Diversion identified potential threats to endangered plant species. We prepared and submitted the required documents to DCNR for their comments/approval regarding the potential threats. DCNR responded that a qualified botanist must perform an on-site evaluation of a variety of plants commonly found in serpentine soils. We provided additional information and coordinated with DCNR to resolve their concerns without involving a botanist. They have since rescinded the requirement for further investigation, and they issued a letter stating that no impacts are anticipated. We are also coordinating with the Township to determine how to tie into the existing downstream manhole for the Reserve Pump Station diversion because there are elevation conflicts with the depth of sewer across the creek and tying into the existing manhole. We expect to resolve these conflicts and submit both the Reserve PS and the Hershey's Mill PS General Permit application to DEP the week of June 11/15.

Marydell PS Elimination Planning

- As reported previously, we have prepared draft plans and a draft PennDOT Highway Occupancy Permit (HOP) application. We are continuing attempts to coordinate with PECO regarding mitigation of impacts to overhead utility poles given the proximity of the proposed sewer to the poles. The PECO coordination may impact the HOP application, such as modifications to the exact sewer location. Upon resolution of any such PECO issues, we will finalize and submit the HOP application. We have also submitted the draft plans to Verizon, and we have requested information from them on the exact location of their conduits in Paoli Pike because it may be less problematic to install the sewer under the edge of pavement (as opposed to the currently designed route on the shopping center side of the PECO utility poles) pending PECO comments and to avoid significant tree disturbance along the shopping center frontage.

Hershey's Mill PD Capacity Evaluation

- We performed drawdown testing at the pump station and an analysis of pump and system curves to verify the station has capacity to handle peak instantaneous flows following the Lockwood Chase diversion. One pump was found to have inadequate capacity. The township quickly replaced the pump. We will perform a follow-up drawdown test on Monday, June 11, to confirm the replaced pump has adequate capacity.

Hershey's Mill Grinder

- We performed a site visit to evaluate the potential for installation of a comminutor (grinder) in the pump station to replace the existing trash rack. We prepared a budgetary cost estimate for the work which we forwarded to the Township along with a professional services proposal to prepare construction drawings and a bid package.

Chapter 94 Reports

- PA DEP responded to the Ridley Creek Chapter 94 Report submission. One comment notes that documentation should be provided to show that the pump station can convey maximum flows with any one pump out of service. This documentation was not required for the current submittal and DEP noted on their letter that no additional information is required to be submitted at this time. This analysis will be provided in the 2013 submission.

c. Big Fish Environmental Services, Inc. Scott Towler submitted the following report on plant operations for May 2012:

Treatment Process Operation – Sequencing batch reactors (SBRs) numbered 1, 3 and 4 were in service during the month of May. SBR #2 remains out of service with the majority of the contents transferred to the aerobic sludge holding tanks.

It is regrettable to report permit exceedances for total suspended solids and total phosphorus during the month of April. Split samples between the contract laboratory and the in-house laboratory were analyzed. Observations of the final effluent appeared to have no visible solids readily identifiable as mixed liquor solids carryover, however, the in-house suspended solids test appeared to indicate a measureable concentration of colloidal solids. Total phosphorus is related to the suspended solids concentration, therefore, as the suspended solids concentration increases, the total phosphorus concentration is anticipated to increase. Steps were implemented with the laboratory to improve access to laboratory reports, specifically with phosphorus results. In addition, continued split sampling and comparison of the in-house test results and contract laboratory results is on-going. Preliminary data for the month of May anticipates full compliance with the discharge permit. A summary of the influent and effluent sample data for the month of March 2012 is attached for review. The eDMR and supplemental reports for April 2012 have been prepared and submitted PA DEP by BFESI through the electronic eDMR system.

Solids Dewatering and Disposal

The centrifuge was placed in service for 4 days during April. Two dumpsters were removed from the site during April. The centrifuge remained out of service during the month of May 2012.

Alarm/Emergency Responses

During the month of May, continued alarms were received for the failure of CV-34 to open. This item is currently being address by Worth & Co as a warranty item. May 16, 2012 all 3 Watson Marlow pumps failed as the result of over current. The pumps were reset and returned to service. May 20, 2012 SBR #3 effluent valve failed to close resulting in the loss of 4.71 feet (60,594 gallons) of the SBR contents (MLSS) into the post EQ tanks. The actuator valve was adjusted and the valve returned to function as designed. May 21, 2012 alum tank alarm for high level was activated. The alarm was reset and cleared.

Maintenance, Repairs and Warranty

Outstanding: Centrifuge replacement parts – Worth & Co to replace parts used for warranty repair

Outstanding: JWC fine screen has a failed UPS – Worth & Co informed

Completed: JWC fine screen upstream transducer – replacement connection scheduled for installation

Outstanding: SBR and Centrifuge MCC panel hour meters – Worth & Co informed

Completed: Leaking PVC valves for alum piping to SBRs

Outstanding: Sludge holding tank aeration piping paint is failing.

Any Other Matter - None

Correspondence and Reports of Interest - None

Public Comment – None

Adjournment

There being no further business, Joe moved to adjourn the meeting. Kevin seconded the motion. The motion passed unanimously. The meeting was adjourned at 8:30pm.

Respectfully submitted,

Ruth Kiefer
Recording Secretary