

**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY**  
**MEETING MINUTES**  
**June 13, 2011**

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday June 13, 2011 at 7:00 p.m. at the East Goshen Township building. Members in attendance were: Chairman Joseph McCawley, Jack Yahraes, Fran Beck, and Dana Pizarro. Also in attendance were: Rick Smith, Township Manager; Mark Miller, Director of Public Works; Dan Barbato from Pennoni; Bob Adams, Authority Solicitor; Scott Towler from Brickhouse Environmental; William Ronyack (Miller Environmental); Carmen Battavio, Township Supervisor; Walter Wujcik (Conservancy Board) and Dan Daley (Planning Commission).

**COMMON ACRONYMS:**

*MA- Municipal Authority*

*HC – Historical Commission*

*PC – Planning Commission*

*CB – Conservancy Board*

*PR – Park & Recreation Board*

*BOS – Board of Supervisors*

*SSO – Sanitary System Overflow*

*I&I – Inflow & Infiltration*

*RCSTP – Ridley Creek Sewer Treatment Plant*

*LCSTP – Lochwood Chase Sewer Treatment Plant*

*DEP – Department of Environmental Protection*

*EPA – Environmental protection Agency*

*NPDES – National Pollutant Discharge Elimination System*

*WAS – Waste Activated Sludge*

**1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE**

Chairman Joe McCawley called the meeting to order at 7:00 p.m. and led those present in the Pledge of Allegiance. There was a moment of silence to remember our Armed Forces. Joe asked if anyone would be taping the meeting. There was no response.

**2. RIDLEY CREEK REPORTS**

**A. Brickhouse Report**

Efforts during the month of May were largely focused on resolving warranty related issues identified through operation of the facility, on –site technical training and troubleshooting by Siemens Personnel and working with both contractors to provide the necessary documentation required for project close out.

A meeting was held on May 4<sup>th</sup> to review the documentation required for project closeout. In attendance were representatives from the Municipal Authority, Pennoni Associates Inc, Brickhouse Environmental Inc, Worth & Company, and Clinger Corporation. Letters summarizing the requirements as specified in the contract documents were provided to both contractors.

During the week of May 9<sup>th</sup> through May 12<sup>th</sup>, Paul Christiansen from Siemens Jet Tech SBR was on site to provide the third week of technical training and assistance as specified within the contract documents. Process control data was compiled and provided to Mr. Chirstiansen in advance of his visit so he could familiarize himself with operation of the treatment system. The training was attended by staff from Miller Environmental, Municipal Authority, Pennoni Associates Inc and Brickhouse Environmental Inc. A summary report was prepared.

Representatives from Clinger Corporation and Worth & Company were on site to address outstanding punch list and warranty items. Clinger provided Staff, during the week of May 9<sup>th</sup> in order to resolve punch list items. Recent additions to the Worth & Company warranty

repair list included a reversing contactor for the incline conveyor for the centrifuge dewatering system. The item was replaced through Worth & Company and the system returned to service.

The wastewater treatment operation and maintenance service provider discontinued the addition of sodium hypochlorite to the SBRs. The treatment system experienced a loss of nitrification resulting in elevated ammonia as nitrogen concentrations in the final effluent. Measures to restore nitrification were implemented and nitrification was restored during the week of May 31<sup>st</sup>. Measures to improve the settle ability of the SBR activated sludge have been implemented to reduce solids loss through the effluent.

SBR #2 was removed from service, drained and cleaned. The Municipal Authority has contracted with a sludge hauling company to remove and dispose of the sludge and debris that accumulated within the basin. An inspection was performed on June 2, 2011 revealing several “bubbles” beneath the CIM liner. The bubbles were observed to be dry when opened, suggesting the presence of “outgassing” resultant from inadequate initial surface preparation and/or application condition from the CIM material. A copy of the CIM coating procedure was made available.

The PA DEP Water Quality Specialist/Inspector continues to routinely visit the facility and maintain communication with wastewater treatment operation and maintenance service provider. It is anticipated implementation of the new wastewater treatment permit discharge limitations will be delayed until August 2011, provided the facility has demonstrated consistent compliance with the new discharge permit limits.

The project remains substantially complete with final closeout pending.

Scott passed around an impeller which, after only 1 year; is in bad shape. Flyght never did start all 4 pumps. They will be out tomorrow. The flushout valve on this pump is not as steady as the other 3 pumps. Mark said they found no grit in #2. Scott expects Flyght will bring a technician to check all pumps. Scott explained the problem with the bubbles under the CIM liner. They want to get the plant back to 6 hour recycling. Scott will get them on a more regular testing schedule.

**B. Pennoni** – Dan Barbato, reported the following:

**RCSTP Upgrade and Expansion**

- Construction phase services continue with punch list monitoring, review of operations and maintenance submittals and as-built plans, progress meetings, troubleshooting, and coordination with the Project Manager and the Township.
- A breakdown of effort expended over the past month by Pennoni is provided with the invoice detail under separate cover.
- Worth and Company and Clinger Corporation continue working on punch list completion. A punch list update for both contractors will be completed in the next week. Verification of completed items continues. Clarification was sent to the Project Manager to Clinger regarding closeout requirements. Additional paper copies of the design drawings were sent to Clinger at their request for markup.

- Pennoni was asked to provide an opinion on the benefit of a whole-plant blow down to restart the plant. Pennoni's design engineer was present during the Siemens testing in May and we provided commentary and clarifications to the Project Manager's report on performance testing. We do not believe that draining the SBRs and reseeded is warranted. We have also provided additional comments to the Township and PM regarding optimization of the plant operations, which are the result of several discussions with the Plant Operator and the Project Manager.
- Matt McAloon, of Pennoni, was present on June 3 to assist with the inspection of the interior and coating of SBR #2 after it was drained and cleaned.

#### I/I Metering Project

- The Township continues to meter flows at selected locations. A new program for monitoring meter data is starting up. Meters are in operation in locations as recommended and two meters will be moved to new locations. Significant progress is being made to reduce infiltration and inflow..

#### Ridley Creek Consent Order

- The next report is due in September. No comments were received from DEP on the March report.

#### LCSTP Elimination, Hershey Mill PS Diversion, Reserve PS Elimination Planning

- Pennoni was asked at the last Authority meeting to clarify the two scope of work items listed as "survey allocations". Site recon and preliminary survey to compare the plans to existing conditions were completed at the end of May. The plans are relatively close to existing conditions with some variances in horizontal and vertical accuracy. The plans provided were based on aerial survey. Based on the recon and preliminary survey, we do not anticipate that a full boundary, topographic, and property survey will be needed unless specifically required to meet DEP permitting requirements.
- A pre-application/closure requirement meeting was held with DEP on June 3 with Pennoni and the Township. DEP believes that sludge can be left in the ponds if properly handled and deemed non-hazardous. DEP will obtain confirmation from their Waste Management Division to confirm this determination. Pennoni will draft a closure plan for review and comment.
- DEP appears to be satisfied with our response to their comments for the Hershey's Mill/Reserve report. We anticipate approval of the reports in the next month.

#### Marydell PS Elimination Planning

- The draft report for the Act 537 Plan Revision was submitted to the DEP in April. No comments have been received from DEP at the time of this report.

#### Applebrook Spray Irrigation NPDES Permit Renewal

- We are preparing the NPDES discharge permit and anticipate submittal to DEP in Mid-June.

### **C. Miller Environmental Report**

Bill Ronyack reported the following:

- Aqua continues to work on Norcardia removal
- MEI & Pennoni are scheduled to meet and recommend a plan for dealing with old sludge.
- Scott Towler is working on filter feed #2 alarm
- 2 UV Low/Low alarms on 5/5; SBR #4 turbs.
- Plant is recovering from early April solids loss. Exact cause is undetermined.
- Owners/Operators/Engineers/Contractors met to discuss ongoing issues.
- No new issues at Lockwood.

Bill mentioned that Jesse is doing additional screening. Jack asked about the containers of Chlorine. Bill said they were 5 gallon containers for Lockwood.

Bill pointed out that on the DMR, in the column for number of exceptions, 0 is good. If a higher number is put in, the program will automatically request a sub-report explaining any issues.

They are still getting a lot of nuisance alarms.

Jack mentioned odors at Lockwood. Bill explained that the permit is very specific about amounts to be sprayed. They are making efforts to get close to the allowable limit.

### **Cost Summary Report**

None

### **D. Change Orders**

None

## **3. RCSTP INVOICES**

A. Brickhouse Environmental, #5983, \$10,810.00. Jack moved to approve payment. Fran seconded the motion. There was no further discussion. The motion passed unanimously.

B. Worth & Co. #25, \$125,323.79. Rick and Mark Miller recommended paying \$100,000. Joe agreed since there is a pump issue to resolve. Jack moved to approve payment in the amount of \$100,000. Fran seconded the motion. There was no further discussion. The motion passed unanimously.

C. Aqua Wastewater Management #123232, \$6,169.22. Jack moved to approve payment. Dana seconded the motion. There was no further discussion. The motion passed unanimously.

D. Clinger #M11050 (due to PECO problem) \$16,059.00. Dana moved to approve payment. Fran seconded the motion. There was no further discussion. The motion passed unanimously.

E. Gawthrop Greenwood, PC #88903, \$105.00. Fran moved to approve payment. Dana seconded the motion. There was no further discussion. The motion passed unanimously.

F. Glasgow, Inc. #249252, \$3,628.97. Jack moved to approve payment. Fran seconded the motion. There was no further discussion. The motion passed unanimously.

G. Hammond & McCloskey #5031, \$3,450.59. Dana moved to approve payment. Jack seconded the motion. There was no further discussion. The motion passed unanimously.

H. Hammond & McCloskey #5077, \$1,004.67. Fran moved to approve payment. Dana seconded the motion. There was no further discussion. The motion passed unanimously.

I. Pennoni, #473337, \$1,177.50. Dana moved to approve payment. Fran seconded the motion. There was no further discussion. The motion passed unanimously.

#### **4. CHAIRMAN'S REPORT**

- A. Fran attended the West Goshen meeting. They are still working on an analysis of Goose Creek.

#### **5. APPROVAL OF MINUTES**

- A. Jack moved to approve the minutes of the May 9, 2011 meeting as corrected. Dana seconded the motion. The motion passed unanimously.

#### **6. APPROVAL OF INVOICES**

- A. Pennoni, #473327, \$1,867.50. Dana moved to approve payment. Jack seconded the motion. There was no further discussion. The motion passed unanimously.
- B. Pennoni, #473328, \$502.50. Dana moved to approve payment. Jack seconded the motion. There was no further discussion. The motion passed unanimously.
- C. Pennoni, #473329, \$750.00. Fran moved to approve payment. Dana seconded the motion. There was no further discussion. The motion passed unanimously.
- D. Pennoni, #473330, \$1,494.00. Jack moved to approve payment. Fran seconded the motion. There was no further discussion. The motion passed unanimously.
- E. Pennoni, #473331, \$295.00. Jack moved to approve payment. Dana seconded the motion. There was no further discussion. The motion passed unanimously.
- F. Pennoni, #473332, \$1,747.50. Rick pointed out that this invoice is for Ridley Creek meeting. Dana moved to approve payment. Fran seconded the motion. There was no further discussion. The motion passed unanimously.
- G. Gawthrop Greenwood, #88902, \$589.00. Dana moved to approve payment. Fran seconded the motion. There was no further discussion. The motion passed unanimously.
- H. Maillie, Falconiero & Co., #1000005019, \$7,500.00. Jack moved to approve payment. Fran seconded the motion. There was no further discussion. The motion passed unanimously.

#### **7. LIAISON REPORTS**

- A. Conservancy Board – Walter reported that they are continuing to work on a plan for handling invasives in Applebrook Park. They need to have a report to the Board of Supervisors by September 2011. Weeds, Inc. is continuing to spray invasives at the Blacksmith Shop and Reservoir Road locations. 100 understory shrubs were planted in May at the new woodland area at Line Rd and Paoli Pk. This area is fenced in for now to keep the deer out.
- B. Historical Commission – Jack read a report from Ellen which said that 450 people attended their 12<sup>th</sup> Annual June Living History Day. They changed to the Civil War era so the Plank House became a tavern serving ginger beer. The re-enactors had a cannon, a covered wagon and horses. It was a very successful day.
- C. Board of Supervisors – Carmen reported that the Community Day on June 25, 2011 is now completely funded by sponsors. There will be no need to use tax money. He thanked all of the sponsors.  
Regarding the Community Day, Rick announced that there will be a township tent and they are asking all of the ABCs to tend a table, providing a handout about their ABC, from 6 to 8 pm. Jack suggested using the comments piece that Sue Smith made up. It could be enlarged and put on an easel. Dan Barbato, Pennoni, offered to make posters, etc., at no cost.
- D. Planning Commission – Dan reported that they reviewed a U&O for TRU-Team at 1422 Paoli Pike and are reviewing the township sign ordinance for modification.

## 8. FINANCIAL REPORTS

Financial reports were reviewed.

## 9. OLD BUSINESS

None

## 10. GOALS

None

## 11. NEW BUSINESS

A. The Sewer Connection Agreement for 1404 Pine Rock Road was reviewed. The Municipal Authority is giving the current owner 20 years to pay for the sewer connection. If there is any kind of title transfer, it must be paid in full. Jack moved to authorize the Chairman, Joe McCawley, to execute the agreement. Dana seconded the motion. There was no further discussion. The motion passed unanimously.

## 12. CAPACITY REQUESTS

None

## 13. SEWER REPORTS

A. Mark Miller reported the following:

Meters: The Chester Creek meters were read on a daily basis. The temporary meters that they have been reading as part of the consent order, were pulled and placed in new locations.

C.C. Collection: The Public Works Department made several lateral repairs this month repairing an estimated 50,000 to 75,000 gallons of infiltration. Pipe Data View made five point repairs on the Chester Creek Collection System. These repairs were done in high traffic areas. They found 1500 feet of sewer line that will need to be lined in Mary Dell Farm.

They found a manhole on Clover Lane that was lined seven years ago starting to come apart. Mark contacted Terre Hill Concrete, who came out and replaced the liner at no cost to the Authority. Mark will be replacing manhole covers this year on the streets that will be repaved. Also, they will be raising the manhole castings with brick and mortar rather than metal paving risers as done in the past, because they found that those risers don't hold up.

Lockwood Plant: The fence around the ponds required some repairs. They also had to replace the gate. The floating aerators were pulled and routine maintenance was done in-house.

Ridley Creek: After the meeting with the contractors, as well as the operators, they seem to be getting the plant back to where it should be. Due to high ammonia levels, the plant operators stopped treating the nocardia. Once the levels drop, they will begin adding chlorine once again. Number 2 SBR was drained, cleaned and inspected by all involved. Mark will have a verbal report on the findings.

The Siemens Engineer was out in May to go over the SBR operations. Scott Towler will report on the engineer's findings. They had some problems with the centrifuge. Worth was notified and came out to make the repairs.

The Public Works Department restored the Turner property last week. They also did some cleanup of basin number 2 and installed jute matting.

Alarms: They responded to 20 alarms during the month of May.

PA One Calls: The Public Works Department responded to 65 PA One Calls.

**14. ANY OTHER MATTER**

None

**15. CORRESPONDENCE**

None

**16. PUBLIC COMMENT**

None

**17. ADJOURNMENT**

At 8:15 pm, the Authority went into Executive Session. At 8:30 pm they adjourned from Executive Session and Jack moved to adjourn the regular meeting. Dana seconded the motion. The meeting was adjourned at 8:30 p.m.

Respectfully submitted,

Ruth Kiefer, Recording Secretary