

EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
March 14, 2011

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday March 14, 2011 at 7:00 p.m. at the East Goshen Township building. Members in attendance were: Chairman Joseph McCawley, Jack Yahraes, Fran Beck, Dana Pizarro, and Kevin Cummings. Also in attendance were: Rick Smith, Township Manager; Scott Towler from Brickhouse Environmental; Dan Barbato from Pennoni; Bob Adams, Authority Solicitor; Carmen Battavio Township Supervisor, Dan Daly (Planning Commission) and Ellen Carmody (Historical 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.

2. RIDLEY CREEK REPORTS

A. Brickhouse Report

Scott reported that progress towards finalizing the electrical punch list items was accomplished. The short circuit and arc flash studies were completed, reviewed by Pennoni Associates, Inc. and approved as noted. Main outstanding electrical issues include:

- The arc flash study requires amendment to include MCC number 1 (existing unit)
- Verification that the Power Quality Meter (PQM) in the Main Distribution Panel (MDP) is functioning.
- Certificate of electrical inspection for the project
- Record drawings and documents (as builds)
- O&M manuals (delivery time is not specified in contract)

The main outstanding items related to the mechanical/general punch list include:

- Lakeside fine screen transducer
- Hour meters for Siemens control panel
- Verify all alarms are working
- SBR 1 & 3 corbel cracks

Recent warranty items identified to be resolved:

- Siemens Sunlight UV system does not function in the automatic mode as of March 11, 2011. Siemens Sunlight provided a technician on site March 2nd and 3rd to replace the UV sensor for bank number 2.
 - Siemens was contacted to resolve the issue on March 14, 2011

- Watson Marlow alum and soda ash chemical feed pumps do not function remotely through the Siemens SBR control panel.
 - Watson Marlow Engineering has been contacted.
 - A field service visit has been requested
- JWC fine screen requires adjustment

Allied Control Services, Inc. was on site on March 3, 2011 from 8:00 AM to 11:30 AM to provide training on the control panel, disc filter feed pumps, effluent flow equalization tanks, sludge holding tanks, chemical feed systems and ancillary equipment.

Alfa Laval was on site on March 2nd and 3rd to conduct the centrifuge acceptance test. Samples were collected and analyzed in accordance with the specifications and submitted to Lancaster Laboratory for analysis.

Minimal progress has been achieved towards reducing the filamentous bacterium resulting in poor settleability and foam on the surface of the SBR basins. Resetting of the communication between the Watson Marlow chemical feed pumps and Siemens SBR control panel will provide for increase sodium hypochlorite dosages into the SBRs. Addition of sodium hypochlorite for filamentous bacterium control was halted on March 4, 2011 and will commence once the alum feed pumps are functional in remote mode.

The treatment plant was recorded as having received the following flows on March 10, 2011 (a rain event of 2 ½ inches of rain):

Influent wastewater:	1,000,264 gallons
Intermediate Flow:	764,856 gallons
Final Effluent discharge Flow	970,000 gallons

Scheduled Events:

Paul Christiansen from Siemens will be on site April 5th, 6th and 7th to provide technical support and training.

- Current plant operating information will be provided prior to Paul’s visit
- The SBR performance warranty test has been postponed until the treatment facility can be restored to original intended design set points.

The project remains substantially complete with final closeout pending.

B. Pennoni – Dan Barbato, reported the following:

RCSTP Upgrade and Expansion

- Construction phase services continue with punch list monitoring, final review of operations and maintenance submittals, and 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 are working on punch list completion. A punch list update for both contractors was distributed for review on March 9. Remaining punch list items are minor with the exception of Operations and Maintenance Manual submittals from Clinger, and Clinger’s Arc Flash/Short Circuit Study.

- O&M submittals from Worth are complete.
- Pennoni has completed the application paperwork for the renewal of the discharge permit, which expires in September. Letters of intent for the renewal (Act 14) will be filed to the required parties (Chester County Health Dept., Chester County Planning Commission and East Goshen Board of Supervisors) followed by submittal of the paperwork to DEP in the next week.

I / I Metering Project

- The Township continues to meter flows at selected locations. Meters are in operation at new locations as recommended, and we will review all meter data as it is submitted. Data has been received through January.

Ridley Creek Consent Order

- The next report is due to DEP in March of 2011. The March report is in progress and we expect to be ready to submit to DEP before the end of the month.

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

- Response to DEP comments and revised reports were submitted to DEP in February, prior to the deadline. We received a few informal questions and are addressing these. No formal comments have been received yet from DEP on the revised reports.

Marydell PS Elimination Planning

- The draft report for the Act 537 Plan Revision was submitted to the Township for review on March 9. Following the Authority's review, we will make the required Component 4 submissions to the East Goshen Planning Commission, West Goshen Planning Commission, Chester County Planning Commission, and Chester County Health Department.

Chapter 94 Report

- The annual updates to the Chapter 94 report are in progress. We will schedule a meeting with the Township to review developments and changes over the past year, and gather data needed to complete the report.

C. Cost Summary Report

- * 95.32% of the work is completed. The Balance on Budget is \$467,736.01. The Township needs to finish paving and get the audit done.

D. Change Orders – None

3. RCSTP INVOICES

- Brickhouse Environmental #5815, \$6,670.00. Fran moved to approve payment. Jack seconded the motion. There was no further discussion. The motion passed unanimously.
- Pennoni, #465223, \$6,737.00. Dana moved to approve payment. Kevin seconded the motion. There was no further discussion. The motion passed unanimously.
- Expansion Expense, \$32.94. Jack moved to approve payment. Fran seconded the motion. There was no further discussion. The motion passed unanimously.

D. Gawthrop Greenwood, PC #87034. Kevin moved to approve payment. Dana seconded the motion. There was no further discussion. The motion passed unanimously.

4. CHAIRMAN'S REPORT

A. None .

5. APPROVAL OF MINUTES

A. Jack moved to approve the minutes of the February 14, 2011 meeting as corrected. Fran seconded the motion. The motion passed unanimously.

6. APPROVAL OF INVOICES

A. Pennoni, #465221, \$2,762.50. Fran moved to approve payment. Dana seconded the motion. Kevin commented that they are at budget. Dan explained that Evan gave estimates, and DEP asked for unexpected items. Dan explained the details of DEP comments/questions. Kevin would like earlier discussion on additional items. Dan said that most of the items have occurred since the last meeting. He estimated a supplemental cost of \$1,500.00. There was no further discussion. The motion passed unanimously.

B. Pennoni #465229, \$1,491.25. Kevin moved to approve payment of the three invoices. Jack seconded the motion. There was no further discussion. The motion passed unanimously.

C. Pennoni #465288, \$1,970.00. Fran moved to approve payment. Dana seconded the motion. There was no further discussion. The motion passed unanimously.

D. Pennoni #465289, \$1,542.50. Dana moved to approve payment. Jack seconded the motion. There was no further discussion. The motion passed unanimously.

E. Pennoni #465228, \$535.00. Dana moved to approve payment. Fran seconded the motion. There was no further discussion. The motion passed unanimously.

F. Gawthrop Greenwood, PC #87032, \$760.00. Jack moved to approve payment. Fran seconded the motion. There was no further discussion. The motion passed unanimously.

7. LIAISON REPORTS

A. Board of Supervisors – Carmen reported that the Hershey's Mill "Save the Dam" committee is scheduling some fundraisers.

B. Planning Commission – Dan introduced himself as a new Commission member. The Commission is reviewing the Wireless Communications Ordinance and Sign Ordinance to update them.

C. Historical Commission – Ellen reported that March 5th was National History Day. A student from East Goshen Elementary won 1st place in documentary. On March 12th, the Chester County Historical Society held a seminar on Section 106 which applies to situations similar to the Liberty Tower proposal. March 30th there will be a GPS program on the Battle of Paoli. A small section took place in East Goshen. June 4th is Living History Day. It will have a Civil War theme this year. They are converting the Plank House.

D. Bob Adams mentioned that the Board of Supervisors approved the parking lot near the YMCA with access from Paoli Pike which will provide 103 additional parking spaces for the YMCA.

8. FINANCIAL REPORTS

Financial reports were reviewed.

9. OLD BUSINESS

None

10. NEW BUSINESS

A. None

11. CAPACITY REQUESTS

None

12. SEWER REPORTS

A. Mark Miller reported the following:

Meters – The meters were read on a daily basis. No adjustments were needed. The portable meters were read on a biweekly basis and data was sent to Pennoni. We had to move the meter at Ridley in order to get precise data.

CC Collection – The pumping stations were visited on a daily basis and bar screens were cleaned. The Muffin Monster at the Ash Bridge pumping station needs to be pulled and repaired.

We were notified of three sewer lateral blockages during the month. At two of the blockages we found cleanout pipes pulled out of the tee's.

Ridley Creek Plant – We averted a major sewage spill. The valve on the EQ Tank split. Fortunately it happened at 7:30 AM and was noticed by the operator. Within 15 minutes our crew was on site with three 4 inch pumps and was able to transfer the sludge to the two VCO tanks. PA Aqua was notified. Once they arrived, we had them pull two loads out. The tank has been completely cleaned and a new valve has been installed.

Lockwood Plant – Mark contacted the DEP regarding the drilling of two monitor wells. He explained that there is no way they can drill the wells until the ground dries out. The gentleman Mark spoke with was in agreement. Mark was told that the well drilling can wait until the ground can support the drilling rig without destroying the fields.

Pa One Calls – 45 PA One Calls were received for the month of February.

Alarms – They responded to 18 alarms during the month of February.

B. Miller Environmental reported:

Ridley:

- Fine screen is still in hand.
- #2 Digester was jetted, but still not reading accurately.
- Modifications at the centrifuge would make polymer replacement more efficient.
- Generators are still alarming on Wednesdays.
- ACS and Alfa Laval training was conducted.
- Alum pumps still need to be fixed; the Nocardia control is on hold

Lochwood:

- Wells were sampled and charts were developed for future events
- A check valve needs to be installed.

- Spraying began in March
- e-DMR registration completed; January was hard copy, Feb will be electronic
- Several cracked rainbirds
- Several initial odor complaints

13. ANY OTHER MATTER

None

14. CORRESPONDENCE

A. Joe acknowledged receipt of notice regarding final land development plan for Toll Brothers Applebrook Meadows development.

15. PUBLIC COMMENT

None

16. ADJOURNMENT

There being no further business, Fran moved to adjourn the meeting. Jack seconded the motion. The meeting was adjourned at 8:10 p.m. The Authority went into Executive Session at 8:10 pm

Respectfully submitted,

Ruth Kiefer, Recording Secretary

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