

1 **EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY**
2 **MEETING MINUTES**
3 **December 14, 2009**
4

5 The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday
6 December 14, 2009 at 7:00 p.m. at the East Goshen Township building. Members in attendance
7 were: Jack Yahraes, Dana Pizarro, Joseph McCawley and Michael Steinberger. Also in attendance
8 were: Rick Smith, Township Manager; Mark Miller, Director of Public Works; Dave Evans and
9 Scott Towler from Brickhouse Environmental; Evan Andrews, Authority Engineer; Bob Adams,
10 Authority Solicitor; Carmen Battavio, Township Supervisor; and Walter Wujcik, Conservancy
11 Board.

12
13 **COMMON ACRONYMS:**

14 <i>MA - Municipal Authority</i>	<i>I&I - Inflow & Infiltration</i>
15 <i>HC - Historical Commission</i>	<i>RCSTP - Ridley Creek Sewer Treatment Plant</i>
16 <i>PC - Planning Commission</i>	<i>LCSTP - Lochwood Chase Sewer Treatment Plant</i>
17 <i>CB - Conservancy Board</i>	<i>DEP - Department of Environmental Protection</i>
18 <i>PR - Park & Recreation Board</i>	<i>EPA - Environmental protection Agency</i>
19 <i>BOS - Board of Supervisors</i>	<i>NPDES - National Pollutant Discharge Elimination System</i>

20
21 **1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE**

22 Vice Chairman Jack Yahraes called the meeting to order at 7:00 p.m. and led those present
23 in the Pledge of Allegiance.

24 Jack announced that the recording secretary for this meeting will not be recording the
25 meeting. He asked if anyone in attendance was planning to record the meeting. There was
26 no response.

27
28 **2. RCSTP REPORTS**

29 Scott reported that during the week of Nov. 2nd, the electricians core drilled through the
30 meter vault in preparation of installing the signal and power conduits.

31 Influent Lift station, wet well, Worth & Co. installed the stainless steel pump guide rails.
32 Construction of concrete “fillets” is anticipated for the week of Dec. 14th. During the week
33 of Nov. 16th the stainless steel electrical disconnects were installed.

34 There was no change in status in the Valve vault, Manhole Number 1 or the Storm Water
35 Bio Retention Pond adjacent to Manhole No. 1.

36 Screen Building – The week of Nov. 2nd the roofing contractor completed installation of the
37 roof trusses, sheeting, and ridge vent and felt paper. The “slip/slide” bearings were ordered.
38 The week of Nov. 16th the JWC control, start, stop panel was installed. Three 5 hp electrical
39 disconnects were installed. All electrical equipment and conduit within the Screen building
40 is Class 1, Group B, C, D and Class 2, Group, E, F, G, type 3R rated for hazardous location.
41 During the week of Dec. 7th the installation of the first component of the EFIS was
42 completed. Further work is limited by weather. The area for the concrete apron in front of
43 the overhead door was excavated and formed.

44 There was no change in status for the Influent Force Main to SBRs.

45 Effluent Discharge Main - All knife valves on the SBR effluent decant piping were installed.
46 Installation of the effluent decant has been completed, with the exception of about a 5 ft
47 section between the treatment building wall and SBR No. 1. All of the gate valves and
48 motorized valve operators (MVO) for each SBR effluent decant pipe were installed. The
49 effluent overflow box was installed Dec 8th.

1 Disc Filters and associated equipment – The week of Nov. 2nd the walkway structure was set
2 in place between the disc filters. Additional piping, at no additional cost, is planned to
3 combine the filter back wash discharge and tank drain into one drain. The influent piping to
4 disc filter No. 1 was installed.

5 SBR Basins – No new activity.

6 SBR Equipment – The SBR mixer and WAS pumps were set in place within each SBR,
7 mechanical work is complete and the stairway from the SBR to the floc tank mixer platform
8 was installed.

9 Treatment Building – Pennoni Assocs. approved the technical aspects of installing the frost
10 barrier horizontally along the perimeter of the walls in lieu of vertically. The stone, frost
11 barrier and steel were placed in the building floor. The foundation drain was installed and
12 the concrete for the floor was cast in place. All 6 blowers were set in place. Installation of
13 the first component of the EFIS was initiated. The overhead door was installed.

14 Treatment Building Roof – The underlayment roofing, insulation board, wood frame,
15 membrane roof and fascia and trim around the perimeter of the roof were installed.

16 Existing Aeration Blowers – Blower #3 was rebuilt and returned to service. Nov. 24th a
17 technician from Gardner-Denver was on site to perform the manufacturer’s “start-up” as
18 required for the warranty. He also installed anti-vibration pads.

19 UV Disinfection System – Worth installed the 18” DIP pipe.

20 Effluent Collection Box - The opening for the utility pump discharge pipes were core
21 drilled through the collection box wall into the treatment building. The Applebrook pump
22 was sent out to be rebuilt.

23 Utility Water & Applebrook piping – The 3” HDPE piping was installed along the
24 Treatment building. The utility piping was installed along SBR #4. Applebrook discharge
25 force main piping was connected in the “yard area” of the treatment plant.

26 Electrical – Stainless steel disconnects were installed for SBR #4 and SBR #3 WAS pumps.
27 The sub panel and 15 KVA transformer were installed in the laboratory area of the existing
28 control building.

29 In Jan. 2010 Worth & Clinger should provide a schedule to start testing.

30
31 **RCSTP CHANGE ORDERS (Worth)**

32 PCO-03 (Anti-Float Collar at Influent PS) for \$2,703, covers additional reinforcement
33 required due to the size of the collar and soft soil conditions. Mike moved to approve
34 payment. Dana seconded the motion. There was no further discussion or public comment.
35 The motion passed unanimously.

36 PCO-05 (Increased Mixer Size) for \$6,784.65, covers difference in mixer size which was
37 due to a change in the flocculation tank shape/size. Joe moved to approve payment. Mike
38 seconded the motion. There was no further discussion or public comment. The motion
39 passed unanimously.

40 PCO-12/13 (Additional Steel at Treatment & Screening Buildings) \$9,202.39. There was a
41 conflict in engineering plans. Mark Miller questioned the cost of the labor. Scott will look
42 into this. Tabled until the next meeting.

43 PCO-15 (Removable Rail at SBR Walkways) for \$4,494.52. Joe moved to approve
44 payment. Dana seconded the motion. There was no further discussion or public comment.
45 The motion passed unanimously.

46 PCO-06 (Additional Concrete at the UV Channel) for \$11,357.25. Worth is evaluating their
47 costs. Tabled until next meeting.

1 Pennoni – A letter dated Nov. 4, 2009 regarding continued construction services and costs
2 after Nov. 13, 2009 projected to be \$99,700 was discussed. Evan will provide a breakdown
3 of hours on the field to date compared to monthly going forward. Jack noted that the action
4 taken by the Authority last month would allow Pennoni to provide these services in the
5 interim. Tabled until next month.
6

7 **3. RCSTP INVOICES**

8 A. Gawthrop Greenwood #74709, 11/31/09, \$285.00. Mike moved to approve payment.
9 Joe seconded the motion. There was no further discussion or public comment. The motion
10 passed unanimously.

11 B. Brickhouse Environmental, #5090, 12/1/09, \$7,963.75. Joe moved to approve payment.
12 Dana seconded the motion. There was no further discussion or public comment. The motion
13 passed unanimously.

14 C. Worth, #12, \$379,360.17. Joe moved to approve payment. Dana seconded the motion.
15 There was no further discussion or public comment. The motion passed unanimously.

16 D. Clinger, #8, \$145,354.05. Mike moved to approve payment. Joe seconded the motion.
17 There was no further discussion or public comment. The motion passed unanimously.
18

19 **4. CHAIRMAN'S REPORT**

20 Jack thanked the Board of Supervisors for the Holiday Party. Everyone enjoyed it.
21

22 **5. APPROVAL OF MINUTES**

23 The minutes for November 9, 2009 were reviewed. Dana moved to accept the minutes as
24 corrected. Joe seconded the motion. There was no further discussion or public comment.
25 The motion passed unanimously.
26

27 **6. ENGINEER'S REPORT**

28 Evan reported that construction phase services at RCSTP continue as planned. Current
29 project schedule anticipates substantial completion in June 2010.

30 I/I Metering Project – Metering at the intersection of Saratoga Dr. and Paoli Pk. and
31 Tallmadge Dr. and Paoli Pk. has been recommended. The goal is to locate the part(s) of the
32 collection system upstream that might be the source of the continuous flow observed at the
33 Chester Rd. meter. It was also recommended that the location of the Towne Dr. meter to the
34 Ridley Creek Interceptor be relocated upstream of the 8" sewer from Achom Dr. This will
35 be a substitute for the 2009 Paoli Pk. East metering since the 8" Paoli Pk. East line does not
36 appear to have I/I problems.

37 The Ridley Creek hydraulic model was completed and submitted to the DEP on Nov. 16,
38 2009, ahead of the CO&A due date of Dec. 1, 2009 per the CO&A. Evan has received the
39 return receipt proof of delivery.

40 The model was run for 4 different flow scenarios. The model indicates that all sewers
41 within the RCSTP service area have adequate capacity. The Ridley Creek Interceptor has
42 experienced SSOs upstream of the RCSTP. The new pump station will have a capacity 3
43 times that of the existing pump station which is expected to eliminate these SSOs.

44 Chapter 94 Reporting – Regarding the DEP's requirement for additional metering in all
45 sanitary sewage collection systems, Joe asked for a proposal for what the additional
46 locations would need. There is also a requirement that all STPs receiving 100,000 gpd or
47 more have influent meters by Jan. 1, 2010. Since the meter included in the RCSTP project

1 will not be on-line by then, it will be necessary to place a temporary meter at the RCSTP
2 until possibly March.

3 West Goshen Diversion Project – A response has not been received from West Goshen.
4 LCSTP, Marydell Pump Station & Pump Station Diversion Plan – DEP is requiring a “Plot
5 Plan” be included in the final submittal of the Act 537 Plan Update Revisions. We have
6 been informed that the existing mapping is not acceptable. DEP confirmed that the additional
7 surveying is eligible for Grant Funding (50%) upon DEP receipt and approval of an
8 amended Task Activity Report (TAR). When authorized the survey can be completed in 2
9 to 3 weeks.

10 11 **7. APPROVAL OF INVOICES**

12 A. Pennoni, #424688, 11/24/09, \$511.50. Mike moved to approve payment. Joe seconded
13 the motion. There was no further discussion or public comment. The motion passed
14 unanimously.

15 B. Pennoni, #424689, 11/24/09, \$662.25. Joe moved to approve payment. Dana seconded
16 the motion. There was no further discussion or public comment. The motion passed
17 unanimously.

18 C. Pennoni, #424694, 11/24/09, \$11,265.00. Dana moved to approve payment. Mike
19 seconded the motion. There was no further discussion or public comment. The motion
20 passed unanimously.

21 D. Gawthrop Greenwood, #74708, 10/31/09, 1,118.02. Bob Adams pointed out that this
22 invoice is carried over onto invoice #75677, so this amount is not due.

23 E. Gawthrop Greenwood, #75677, 11/30/09, \$665.00. Mike moved to approve payment.
24 Joe seconded the motion. There was no further discussion or public comment. The motion
25 passed unanimously.

26 27 **8. LIAISON REPORTS**

28 Planning Commission – Meghann Hedgecock could not attend but sent Jack a report that
29 Traditions, proposed senior housing in West Goshen, continues to be a topic of discussion.
30 The Commission is sending a member to the West Goshen meetings.

31 Conservancy Board – Walter Wujick reported that the Board selected a contractor for the
32 East Boot Road planting project.

33 34 **9. FINANCIAL REPORTS**

35 Review is deferred until the next meeting.

36 37 **10. GOALS**

38 The goals were reviewed and Rick will prepare a draft before the Jan. 9, 2010 meeting.

39 40 **11. NEW BUSINESS**

41 A. The Amendment for Surveying Services for Marydell Pump Station, LCSTP, and
42 Hershey’s Mill & Reserve Pump Station from Pennoni totaling \$27,000.00 were reviewed.
43 Easement descriptions will be done after the surveys. The Township will send letters to the
44 residents involved. Joe moved to accept the planning proposals from Pennoni totaling
45 \$27,000. Mike seconded the motion. There was no further discussion or public comment.
46 The motion passed unanimously.

1 B. Joe moved to reappoint Bob Adams as the Authority Solicitor. Jack seconded the
2 motion. There was no further discussion or public comment. The motion passed
3 unanimously. Jack thanked Bob for his service to the Authority.
4

5 **12. SEWER REPORTS**

6 Mark Miller reported that meters were calibrated and portable meters were installed at the
7 locations Evan requested. Routine maintenance continues. There were problems with
8 electronics at the Hershey's Mill Pump Station. The control board was replaced. They
9 televised and cleaned over 6000 ft. of pipe. During inspections of the laterals, 17 were in
10 need for some type of repair. All safety issues at RCSTP regarding East Goshen have been
11 resolved. East Goshen signed up for e-filing of the monthly monitoring reports
12 (DMR's)with the DEP. When there is a spill, Mark calls it in and sends a fax the next day.
13

14 **13. CORRESPONDENCE**

15 Jack acknowledged a letter from resident Jo-Anne Fote complementing Mark Miller.
16

17 **14. PUBLIC COMMENT**

18 None
19

20 **15. ADJOURNMENT**

21 There being no further business, Dana moved to adjourn the meeting. Mike seconded the
22 motion. There was no further discussion or public comment. The motion passed unanimously. The
23 meeting was adjourned at 9:00 p.m.
24

25 Respectfully submitted,
26

27
28 Ruth Kiefer, Recording Secretary
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