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DRAFT
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
October 8, 2018

6 The East Goshen Township Municipal Authority held their regular public meeting on Monday,
7 October 8, 2018 at 7:00 pm at the East Goshen Township building. Members in attendance were:
8 Chairman Jack Yahraes, Dana Pizarro, Phil Mayer and Kevin Cummings. Also in attendance were:
9 Jon Altshul (Asst. Township Manager), Mark Miller (Public Works Director), Michael Ellis
10 (Pennoni), Carmen Battavio (Supervisor) and Walter Wujcik (Conservancy Board).

11
12 **COMMON ACRONYMS:**

13 *BFES – Big Fish Environmental Services* *MA- Municipal Authority*
14 *BOS – Board of Supervisors* *NPDES – National Pollutant Discharge Elimination System*
15 *CB – Conservancy Board* *PC – Planning Commission*
16 *DEP – Department of Environmental Protection* *PM – Prevention Maintenance*
17 *EPA – Environmental protection Agency* *PR – Park & Recreation Board*
18 *HC – Historical Commission* *RCSTP – Ridley Creek Sewer Treatment Plant*
19 *I&I – Inflow & Infiltration* *SBR – Sequencing Batch Reactor*
20 *LCSTP – Lockwood Chase Sewer Treatment Plant* *SSO – Sanitary System Overflow*
21 *WAS – Waste Activated Sludge*
22

23 **Call to Order & Pledge of Allegiance**

24 Jack called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. There
25 was a moment of silence to remember our troops and first responders.
26 Jack asked if anyone would be recording the meeting. There was no response.
27

28 **Chairman’s Report**

- 29 1. Jack mentioned that the PMAA has a course for “One Mark” which ties in with “One Call” and he
30 feels someone from the Township should attend.
31 2. Phil attended the West Goshen Sewer Authority meeting. The West Goshen Board of Supervisors
32 approved a rate increase in September. It will take effect Q2 2019. West Goshen was awarded a
33 \$220,000 grant for an aeration system. They had an emergency switch gear problem at Washington
34 Street Pump Station. They plan to replace all of the switch gears.
35
36

37 **Sewer Reports**

38 **1. Director of Public Works, Mark Miller’s report for August:**

39 Monthly Flows: The average daily flow to West Goshen was 748,000 gallons per day. No
40 problems to report.

41 Meters: The meters are being read on a daily basis. We have had a power problem with the
42 Paoli Pike meter; however I believe we corrected the problem.

43 C.C. Collection: The month has been very busy. We had some problems with the Barkway
44 Pump Station. The pumps were not pumping to capacity. We found Pump #1 was burned out
45 and Pump #2 was very weak. We pulled both pumps out and sent them to Deckman for
46 repair. Both pump cutters were jammed up with towels. I would recommend that we speed
47 up the process of installing the Muffin Monster. The original plans called for us to install the

1 Muffin Monster in the wet well. However, the wet well is getting crowded. I would
2 recommend that we do a separate manhole for the Muffin Monster.
3

4 We also had problems with the Ashbridge Pump Station. After checking the amperage, we
5 found pump #2 pulling more amps than pump #1. We pulled the pump and sent it to
6 Deckmens. I checked the records and found that the pumps at Ashbridge are the original
7 pumps that were built in 1985 and installed in 1987. This will make them 33 years old.
8 Being that the pump housings have been submerged in sewage for that long, I would
9 recommend that we order a new pump now at a cost of \$23,686.00 with 8 to 12 weeks
10 delivery time. Then in 2019 order a second pump. These pumps are very hard to get parts
11 for. If you recall, over the years we have always tried to keep spare internal parts on the
12 shelves so they are readily available. We also televised several suspicious areas where we
13 thought we were getting INI. We did find that a manhole between Wylpen Place and the
14 station was taking in ground water.

15 R.C. Collection: The pumping station was visited on a daily basis with no problems to report.
16 Mr. Brandolini called to report a problem with his lateral. We televised it and found that the
17 lateral has pulled apart on the house side of the trap. Mr. Brandolini was told what was found
18 and that, when his plumber makes the repair, he is to contact the Public Works Department to
19 inspect the repairs. Pipe Data View has been contacted to come in and televise areas of
20 concern in Quad #2 and Quad #4.

21 Ridley Creek: We installed the rebuilt blower. I have received pricing to install a Splitter
22 Cooling System for the control room in the older building. 2019 budget

23 Alarms: We responded to 23 alarms for September.

24 PA One Calls: We received 97 PA One calls for September.

25 Rainfall: September rainfall total was 9.81 inches.
26

27 **2. Pennoni Engineer's Report for September**

28 **Invoices**

- 29 • Invoices with summaries are provided under separate cover.

30 **Ridley Creek Sewage Treatment Plant (RCSTP)**

- 31 • Caustic soda pilot study – A summary and recommendations report has been prepared and
32 will be issued prior to the October MA meeting.
- 33 • SBR Coatings –
 - 34 ○ Following the September MA meeting, we prepared a revised budgetary cost estimate
35 for a reduced scope to only coat the portions of walls that are not currently coated.
36 Removal and replacement of existing CIM coatings were deleted from the cost
37 estimate as was coating installation on the tank floors. The revised estimate is
38 attached with reduced quantities; unit prices were not changed. Revised grand total is
39 \$220,000. We also provided updates on the applicable cost projections for the 5-year
40 Capital Improvement Plan.

- 1 ○ Contact information for Chase Corporation (CIM manufacturer) was provided to the
2 Township to conduct further discussions on detailed scope and to obtain updated
3 pricing from the manufacturer.
- 4 ○ We will conduct a visual inspection of the concrete and coating conditions in the next
5 tank when it is taken offline, which we understand is tentatively scheduled for
6 November.
- 7 ○ It is our understanding that the warranty expires in October 2019.

8 **RCSTP and Pump Stations' O&M Manual**

- 9 • We recommend the Manual be revisited in July-August 2018 to determine if updates are
10 needed and/or if new information has become available to incorporate now that it has been in
11 place for one full year.

13 **Supplee Valley Pipe Lining**

- 14 • We processed a final payment application and reviewed contract closeout documents from
15 SWERP, and we submitted a final payment recommendation letter.

17 **Barkway Pump Station Grinder**

- 18 • We have revisited the approach to installation of the Muffin Monster inside the wet well with
19 Mark Miller and the equipment vendor due to recent accessibility issues within the wet well
20 experienced by the Public Works Department during emergency pump replacements.
21 Installation of an upstream Muffin Monster within a prefabricated manhole is being explored
22 again in more detail as a result. An updated equipment quote of \$58,000 was obtained from
23 the vendor for the manhole system. For reference, the wet well mounted system material cost
24 is \$33,450, so the outside unit is approximately \$25,000 more. However, the Township has
25 received a \$32,309 grant for the project from the PA DCED Small Water and Sewer Grant
26 program, which would help to offset this additional cost.
- 27 • Our design was 95% complete for the Internal Muffin Monster. If the manhole system is to
28 be pursued, we would need to revise the design and plans, coordinate with the vendor,
29 perform a limited field survey to determine existing sewer elevations for design of the
30 manhole location and depth as well as topography, obtain PA One Call utility information,
31 prepare a limited existing site plan, and provide notification of the proposed system to DEP.
32 We propose this additional effort for a lump sum of \$7,000.

34 **Ashbridge Pump Station Force Main**

- 35 • Test pits will be performed to identify backfill conditions along Manley Road with one test pit
36 on Edith Road, as recommended by the Municipal Authority, when weather permits. *No*
37 *update since our last report.*

38 **Tallmadge Drive Sewer Main Replacement**

- 39 • The contractor provided all required insurance and bonding documents, and the contract has
40 been executed. A pre-construction meeting was held on October 2. The contractor is

1 planning to start the work in mid-November and he anticipates 2 weeks to complete the
2 project. The contract allows for 20 consecutive calendar days.

3
4 **Hersheys Mill Pump Station** – Mike mentioned that it is at capacity.

5
6 **I&I Support and Reporting**

- 7 • We intended to analyze meter data and submit the next semi-annual I&I report following
8 completion of the Supplee Valley pipe lining project so that the impact of that project can be
9 assessed. However, there have been issues with obtaining instantaneous meter data from the
10 permanent collection system meters. If instantaneous data is not available, we will preform a
11 limited analysis of all permanent meters based on daily flow data and we will prepare a semi-
12 annual I&I report accordingly. We propose to make a summary Powerpoint presentation at a
13 MA meeting once the next report is submitted.

14 **New Connections**

- 15 • No activity since last report.

16 **West Goshen Sewer System Consultation**

- 17 • No activity since last report.

18 **Capital Improvement Planning**

- 19 • We provided updated cost information for the SBR Coatings as discussed above.

20
21 **RCSTP Caustic Soda Pilot Study Results and Recommendations/Draft**

22 Mike provided copies of the draft of the above report. It contained the results report dated October 5,
23 2018, the pre-study memo dated February 10, 2017 with alternatives, PA Dept of Environmental
24 Protection letter dated April 19, 2017, and 5 charts showing before and after numbers. Mike
25 explained the documents and how the results will change the way the soda ash is put into the tanks.

26
27
28 **3. Big Fish Environmental Services** – Scott’s report showed that the Ridley Creek sewage
29 treatment plant outfall 001 and 002 achieved compliance with the permitted effluent discharge
30 limitations during the month of August 2018. Discharge to the Applebrook irrigation lagoon
31 continued during the month. Chemical usage utilized for total phosphorus removal, pH and total
32 alkalinity remained consistent with previous months. No significant mechanical or operational issues
33 were observed during operation of sludge dewatering equipment or SBR treatment process.
34 Comments: Dana pointed out there are no comments on Table 4. Kevin asked about the UV lights.
35 Mark will talk to Scott.

36
37 **Approval of Minutes**

38 The minutes of the September 10, 2018 meeting were approved as corrected.

39
40 **Approval of Invoices**

41 1. Dana moved to approve payment of the following Pennoni invoices:

42 Pennoni invoice #823030	\$ 200.75
43 Pennoni invoice #823031	\$ 4,618.50
44 Pennoni invoice #823033	\$ 1,333.75

45 Phil seconded the motion. The motion passed unanimously.

1 2. Phil moved to approve payment of Gawthrop Invoice #199945 in the amount of \$500. Dana
2 seconded the motion. The motion passed unanimously.
3 3. The Payment Application #3 to SWERP for Supplee Valley in the amount of \$21,614.20 was
4 discussed. Mike explained that this is updated for work that wasn't anticipated. Kevin made a
5 motion to approve Payment Application #3 in the amount of \$21,614.20 and Change Order #3. Phil
6 seconded the motion. The motion passed unanimously.
7

8 **Liaison Reports**

9 Conservancy Board – Walter reported that they are going to do a clean up in Clymers Woods for the
10 Fall project.

11 Board of Supervisors – Carmen reported the WEGO negotiations are ongoing.
12

13 **Financial Reports**

14 Jon Altshul provided the following written report:

15 In September, the Municipal Authority recorded \$29,985 in income (a \$30,000 transfer from Sewer
16 Operating, net of banking fees) and \$10,839 in expenses including \$8,382 from the Q3 administrative
17 overhead charge back, for a positive variance of \$19,147. The fund balance is \$20,741.

18 Jon had the contract for the PA DCED Small Water and Sewer Grant. Phil moved to authorize the
19 Chairman to sign the PA DCED Small Water and Sewer contract for the grant in the amount of
20 \$32,309. Kevin seconded the motion. The motion passed unanimously.
21

22 **Goals**

23 Newsletter – Phil will write an article for the next newsletter, which is due November 1st.
24

25 **New Business**

26 1. Pump replacement for Ashbridge Pump Station - Mark commented that the Ashbridge pumps are
27 33 years old and we need to consider replacing them. He would like to buy one now and one next
28 year. Jon advised him to use the funds allocated for Ashbridge repairs for 2018 and buy 2 pumps
29 now. Kevin made a motion to use the \$50,000 in the 2018 budget to by 2 pumps for the Ashbridge
30 Pump Station in lieu of maintenance repairs at Ashbridge. Dana seconded the motion. The motion
31 passed unanimously.
32

33 2. Barkway Pump Station – Mike explained that they need additional funds to revise the design.
34 Kevin moved to approve additional funds for the Barkway Pump Station design revision not to
35 exceed \$7,000. Phil seconded the motion. The motion passed unanimously.
36

37 **Adjournment**

38 There being no further business, Dana moved to adjourn the meeting. Phil seconded the motion. The
39 meeting was adjourned at 8:30 p.m. The next regular meeting will be held on Monday,
40 November 12, 2018 at 7:00 pm.
41

42 Respectfully submitted,
43

44
45 Ruth Kiefer
46 Recording Secretary