

EAST GOSHEN MUNICIPAL AUTHORITY

January 9, 2017

7:00 PM

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE/MOMENT OF SILENCE
 - a. Ask if anyone will be taping the meeting
2. CHAIRMAN'S REPORT/OTHER MEMBERS REPORTS
3. SEWER REPORTS
 - a. Director of Public Works Report
 - b. Pennoni Engineer's Report
 - c. Big Fish Environmental Inc. Report
4. APPROVAL OF MINUTES
 - a. December 12, 2016
5. APPROVAL OF INVOICES
 - a. Pennoni Invoice #726816 \$1,784.25
 - b. Pennoni Invoice #726817 \$4,042.50
 - c. Pennoni Invoice #726818 \$1,000.25
 - d. Pennoni Invoice #726819 \$ 373.75
 - e. Gawthrop Invoice #157998 \$ 500.00 already paid
5. LIAISON REPORTS
6. FINANCIAL REPORTS
 - a. December Financial Report
7. OLD BUSINESS
8. GOALS
 - a. Operate the Ridley Creek Sewer Treatment Plant in compliance with NPDES Permit requirements. *January, February, March, April, May, June, July, August, September, October, November, December*
 - b. Continue to implement the formal Inflow (surface water) & Infiltration (ground water), (collectively "I&I") Plan to reduce the amount of I&I into the sewer system.

c. Respond to capacity requests within 45 days. *943 Cornwallis Drive, 1420 East Strasburg Road (3 EDUs), 1329 North Chester Road, 1631 Hunter Circle, 411 Misak Drive*

d. Develop an operation manual for Ridley Creek Sewer Treatment Plant and pump stations. *Currently under review by staff.*

e. Submit topical articles of interest for the East Goshen newsletter. *Winter, Summer,*

f. Attend West Goshen Municipal Authority meetings to keep informed of planned capital expenditures and operation compliance. *January, February, March, May, June, July, August, September, October, November, December. January 2017*

9. NEW BUSINESS

a.

10. CAPACITY REQUESTS

11. ANY OTHER MATTER

12. CORRESPONDENCE AND REPORTS OF INTEREST

13. PUBLIC COMMENT

14. ADJOURNMENT

EAST GOSHEN MUNICIPAL AUTHORITY
EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

January 5, 2017

To: Municipal Authority
From: Mark Miller
Re: December 2016 Monthly Report

Monthly Flows: The average daily flow to West Goshen was 689,000.

Meters: Meters were read on a daily basis. The portable meters were read on a by-weekly basis.

C.C. Collection: Pump stations were visited on a daily basis. The Barkway Pump Station wet well was cleaned and vacuumed out due to heavy grease build up.

We located and repaired two lateral breaks, both were on Meadow Drive, each was allowing approx. 15,000 to 20,000 gallons per day. We also located a line break on Bramble Lane. This should have this repaired next week.

We televised 36,000 LF of pipe in quadrant 3; we also replaced 12 sewer caps.

R.C. Collection: We visited the pump station on a daily basis.

We installed 12 charcoal inserts on Cornwallis Drive to control odors.

We are gearing up to clean the sewer right-of-way behind the homes in Hershey Mill Estates.

R.C. Plant: We completed the soda ash storage building with the exception of the vinyl siding.
We trenched in conduit for the sampler.

Alarms:

We responded to 23 alarms for December.

PA One Calls:

We received 64 Pa One calls December.

EAST GOSHEN MUNICIPAL AUTHORITY
ENGINEER'S REPORT
January 6, 2017

Invoices

- Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- The NPDES Permit expires on February 28, 2017. The permit renewal application was finalized and submitted to PADEP on August 31, 2016. No changes to the existing permit are proposed. *(No update since last report).*
- We continued the evaluation of alternatives for automated alkalinity chemical feed systems to eliminate manual feeding and carrying bags up the exterior steps, including tank sizing and chemical cost analyses. The preferred alternative is a change to caustic soda from the current soda ash treatment. We are coordinating feasibility and details with the operator and will provide an updated letter report by the February MA meeting.
- Dutchland repaired the additional bubbles in the SBR #3 CIM coating that were identified lower on the walls after repair the peeling coating at the top. It is our understanding that the tank has been refilled and is back in use.

Reservoir Road Pump Station

- PADEP issued the State Water Obstruction and Encroachment Permit for the pump station site and Chester Creek utility crossing in June 2016; however, they are requiring a separate federal authorization by the Army Corps of Engineers (ACOE). We coordinated with both PADEP and ACOE on this additional review in July and are still awaiting feedback. *(No update since last report).*
- We revised the NPDES plans and permit application again to address two new minor comments from CCCD that they issued on December 19, 2016, and we resubmitted to CCCD on December 22, 2016.
- The Water Quality Management (WQM) Permit application was submitted to PADEP on April 13, 2016. They have informally notified us that they have no comments and are prepared to issue the WQM Permit once the aforementioned NPDES Permit is issued. *(No update since last report).*
- We previously prepared the front end of the bid document and Division 01 specification sections, including a draft Bid Form. The Bid Form needs to be finalized. Technical specifications were already prepared as part of the WQM Permit application. The full bid document will be completed, assembled, and forwarded to the Township upon receipt of the three remaining permits. *(No update since last report).*
- We will complete a listing of the permits, expiration dates, and renewal deadlines once the three remaining permits are issued. We anticipate including that listing in future Engineer's Reports to track the permit statuses. *(No update since last report).*

RCSTP and Pump Stations' O&M Manual

- No update since the last report.

White Chimneys Manhole Replacement

- We will provide assistance as requested by the Township during construction.

Semi-Annual I&I Reports

- We previously evaluated apparent inconsistencies in the overall Chester Creek subbasin flows (as metered at the Westtown Way meter) between meter data, averages provided by East Goshen, and billing records from West Goshen, and we will discuss with the PW Department to resolve.

Sunoco Pipeline

- Sunoco previously agreed to add a condition to the approval letter they are requesting from East Goshen that they (Sunoco) will physically locate the Ashbridge PS force main at the proposed pipeline crossing location and that an East Goshen representative must be present when any work is done near the force main. We had also coordinated with them on a potential conflict with the proposed Reservoir Road PS force main, but there has not yet been a resolution to our knowledge. *(No update since last report).*

New Connections

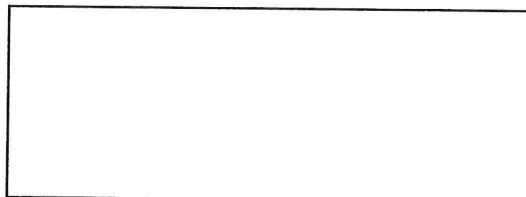
- 1420 E. Strasburg Road, Brakman Property – A 3-lot grinder pump system is proposed. We attended a review meeting with the developer, Township staff, and design consultant on December 14, 2016. We are awaiting a revised design submission to address sanitary sewer comments.
- 1680 E. Boot Road, Knauer Property – We issued comments on the proposed gravity sewer laterals on December 14, 2016.

DCED Small Water & Sewer Program Grant

- The Township submitted a grant application for the installation of three permanent gravity sewer flow meters in October. The grant agency, the Commonwealth Financing Authority, is scheduled to award grants in March 2017. *(No update since last report).*

West Goshen Sewer System Consultation

- No activity since last report.



Executive Summary

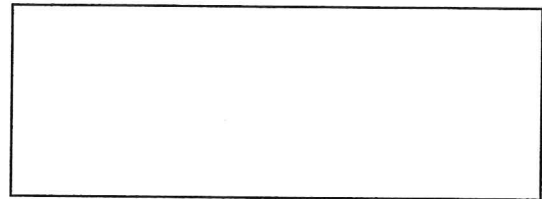
The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the NPDES discharge permit during November 2016. Discharge to Applebrook remained off line. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous months. Repairs to SBR 3 were completed during December. Repairs to the alum feed pumps to the SBRs were completed during the month. No mechanical or operational issues were observed during operation of sludge dewatering equipment.

Treatment Process Operation

During November 2016, there were no exceedances of the final effluent discharge limitations for outfall 001. Additional TSS samples were collected on average twice per week to allow for a means to calculate a weekly average. The total phosphorus monthly average had a concentration of 0.30 mg/L as compared to the permitted limitation of 0.50 mg/L. Table 1 illustrates the final effluent composite sample data reported for the November 2016 eDMR. During the month, the final effluent total phosphorus concentration discharged ranged from 0.18 to 0.59 mg/L.

Table 1

November 2016 - Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	10	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
November 1, 2016	0.313	3.80	9.9	8	20.9	0.106	0.28	0.59	1.54	1	0.0000
November 3, 2016	0.287			8	19.1						
November 8, 2016	0.269	2.00	4.5	3	6.7	0.100	0.22	0.17	0.38	1	0.0000
November 10, 2016	0.280			2	4.7						
November 15, 2016	0.280	2.00	4.7	10	23.4	0.103	0.24	0.33	0.77	1	0.0000
November 17, 2016	0.303			6	15.2						
November 22, 2016	0.287	3.80	9.1	4	9.6	0.100	0.24	0.19	0.45	1	0.0000
November 24, 2016	0.370			4	12.3						
November 29, 2016	0.373	2.00	6.2	10	31.1	0.100	0.31	0.20	0.62	1	0.0000
Average	0.307	2.72	6.9	6	15.9	0.10	0.26	0.30	0.75	1	0.0000
Minimum	0.269	2.00	4.5	2	4.7	0.10	0.22	0.17	0.38	1	0.0000
Maximum	0.373	3.80	9.9	10	31.1	0.11	0.31	0.59	1.54	1	0.0000



Discharge to Applebrook, Outfall 002, remained discontinued during November and will remain off line until the spring of 2017

Table 2 illustrates the influent composite sample data reported for the November 2016.

Table 2

November 2016 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	MGD Average	335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
November 1, 2016	0.374	215	671	268	836	33.4	104	39.8	124	4.7	15
November 8, 2016	0.331	103	321	104	324	45.4	142	52.3	144	6.2	19
November 15, 2016	0.336	192	599	300	936	68.5	214	52.4	147	6.3	20
November 22, 2016	0.380	138	430	212	661	51.5	161	53.7	170	5.6	17
November 29, 2016	0.466	225	702	186	580	34.1	106	38.9	151	4.4	14
Average	0.377	175	545	214	668	46.6	145	47.4	147	5.4	17
Minimum	0.331	103	321	104	324	33.4	104	38.9	124	4.4	14
Maximum	0.466	225	702	300	936	68.5	214	53.7	170	6.3	20

Table 3 presents the available Outfall 001 final effluent data for the month of December 2016. During October, the presence of foam conditions on the surface of the SBRs began to increase with foam concentrations ranging from 60% to 100% of the area.

During November, there are no anticipated exceedances of the permitted limitations for Outfall 001. There was no discharge from outfall 002. Split sampling of the composite sample collected by Applied Laboratory Services (ALS) is ongoing for comparative analysis and daily results.

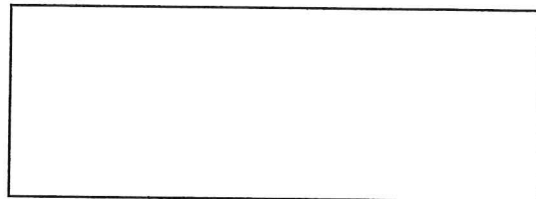


Table 3

December 2016 - Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD₅		TSS		NH₄-N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	10	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
December 1, 2016	0.359			5	15.0						
December 6, 2016	0.346	3.0	8.7	4	11.5	0.197	0.57	0.27	0.78	3	0.4771
December 8, 2016	0.318			3	8.0						
December 13, 2016	0.309	2.0	5.2	4	10.3	3.470	8.94	0.23	0.59	1	0.0000
December 15, 2016	0.362			2	6.0						
December 20, 2016	0.359	5.5	16.5	4	12.0	0.701	2.10	0.33	0.99	2	0.3010
December 22, 2016	0.372			3	9.3						
December 27, 2016	0.341							0.25	0.71		
Average	0.346	3.5	10.1	4	10.3	1.46	3.87	0.27	0.77	2	0.2594
Minimum	0.309	2.0	5.2	2	6.0	0.20	0.57	0.23	0.59	1	0.0000
Maximum	0.372	5.5	16.5	5	15.0	3.47	8.94	0.33	0.99	3	0.4771

The influent wastewater pollutant concentrations and loading entering the wastewater treatment facility remained within the design concentrations. Composite samples are collected at the influent doghouse manhole and influent wet well. The influent flow meter reading is collected from the influent flow meter located prior to the Screening Building, excluding the internal recycle flows.

Table 4 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during November 2016.

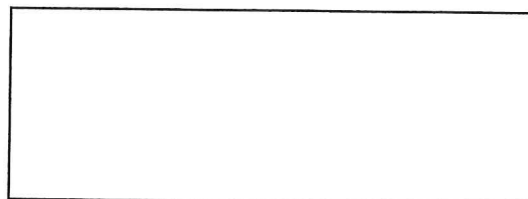


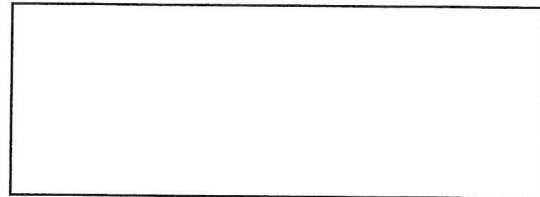
Table 4

December 2016 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	MGD Average	335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
December 6, 2016	0.470	101	396	166	651	49.0	192	56.9	223	6.1	24
December 13, 2016	0.391	91.2	357	40	157	44.7	175	44.8	146	5.2	20
December 20, 2016	0.423	85.5	335	144	564	45.7	179	52.1	184	5.1	20
December 27, 2016	0.459										
Average	0.436	93	363	117	457	46.5	182	51.3	184	5.5	21
Minimum	0.391	86	335	40	157	44.7	175	44.8	146	5.1	20
Maximum	0.470	101	396	166	651	49.0	192	56.9	223	6.1	24

Sequencing batch reactors (SBRs) numbered 1, 2 and 4 were in service during November and December. Process monitoring of each SBR included ammonia as N, nitrite as N, Nitrate as N, COD, SSV, MLSS and total phosphorus. Daily analysis of the final effluent flow equalization grab sample is total phosphorus is ongoing. Sample collection and analysis of the influent wastewater collected at the influent pump station wet well is ongoing.

Addition of aluminum sulfate solution to the SBRs to assist with phosphorus removal continued. The volume of aluminum sulfate solution to the SBRs decreased to from 68.5 gpd to 61.6 gpd. Soda ash daily addition increased from 397 lbs./day to 421 lbs./day. Soda ash assists towards maintaining SBR pH concentrations above 7.0 standard units and assists to replenish alkalinity consumed during the nitrification process and aluminum sulfate solution addition.

SBR No. 3 remains out of service as a treatment unit. The SBR is scheduled to be returned to service on January 14th.



Solids Dewatering and Disposal: December 2016

Sludge Dewatering Summary	
Gallons of sludge dewatered	279,475
Number of dumpsters	4

**Twenty two (22) days of centrifuge operation*

Flow data:

December 2016			
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building*	13.725	442,751	565,470
Influent Wastewater to SBRs	14.636	472,140	539,200
Internal Recycle	1.082	35,603	88,292
Treated Effluent to Disc Filters	14.297	461,198	540,480
Final Effluent Discharge	11.138	359,290	434,000
Applebrook Golf Course	No Discharge	No Discharge	No Discharge

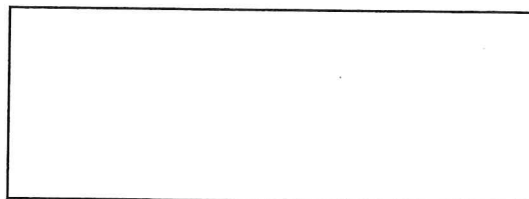
Chemical Usage:

December 2016		
Chemical	Daily Average	Total Monthly
Soda Ash	421	12,700
Aluminum Sulfate solution	61.6	1,909
Polymer (centrifuge)	0.84	18.48

**Twenty two (22) days of centrifuge operation*

During December, sludge wasting to the sludge holding tanks and decanting of the sludge holding tanks was ongoing. Process monitoring included pH, total alkalinity and total solids.

Sludge holding tank No. 1 was in service. The level at the beginning of the month was 9.28 feet and the level at the end of the month was 11.49 feet. Zero (0) gallons of supernatant were decanted during the month. Zero (0) pounds of soda ash were added. The average pH concentration was measured as 6.95.U. average total alkalinity measured as 198 mg/l and average total solids concentration measured as 0.69%.



Sludge holding tank No. 2 was in service. The level at the beginning of the month was 12.63 feet and the level at the end of the month was 11.01 feet. Zero (0) gallons of supernatant were decanted during the month. Two hundred and fifty (250) pounds of soda ash were added. The average pH concentration was measured as 6.66 S.U., average total alkalinity measured as 190 mg/l and average total solids concentration measured as 1.03%.

PA DEP

No activity

Significant Storm/Hydraulic Loading Events

During December, there were three (3) storm events resulting in a daily precipitation amount equal to or greater than 0.5 inches measured during a 24 hour period. A total of 3.81 inches of rainfall were measured during the month. These events occurred on:

- December 6th: 0.95 inches
- December 11th: 0.51 inches
- December 17th: 0.76 inches

December 23rd through the 25th experienced consistent precipitation during the three consecutive days totaling 0.96 inches.

Plant operations were adjusted to manage the precipitation to prevent exceedances of the permitted discharge limitations for Outfall 001. Adjustments included reading aeration minutes per cycle, extending decant minutes per cycle and reducing settling times. The facility experienced several filled decant cycles during the rain events.

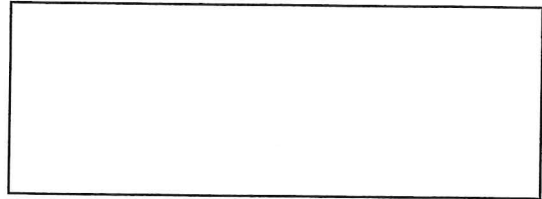
Minor Repairs and Preventative Maintenance

December 1, 2016: SBR number 4 maximum decant alarm.

December 5, 2016: Dutchland contractors on site beginning repairs to SBR 3.

December 13, 2016: Lenni Electric on site reinstalling the electric heaters in the Screening Building.

December 14, 2016: Drained and cleaned both disc filters.



December 19, 2016: Township staff installed the motive and sludge pumps for BR3.

December 25, 2016: SBR number 4 maximum decant alarm

December 26, 2016: SBR number 4 maximum decant alarm

December 28, 2016: Drained and cleaned both disc filters.

December 29, 2016: Drained and cleaned disc filter number 1.

Draft
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
December 12, 2016

The East Goshen Township Municipal Authority held their regular public meeting on Monday, December 12, 2016 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Dana Pizarro, Ed McAssey, Jack Yahraes, and Phil Mayer. Also in attendance were: Mark Miller (Director of Public Works), Mike Ellis (Pennoni), Patrick McKenna, Attorney, and Walter Wujcik, Conservancy Board.

COMMON ACRONYMS:

<i>BFES – Big Fish Environmental Services</i>	<i>MA – Municipal Authority</i>
<i>BOS – Board of Supervisors</i>	<i>NPDES – National Pollutant Discharge Elimination System</i>
<i>CB – Conservancy Board</i>	<i>PC – Planning Commission</i>
<i>DEP – Department of Environmental Protection</i>	<i>PM – Prevention Maintenance</i>
<i>EPA – Environmental protection Agency</i>	<i>PR – Park & Recreation Board</i>
<i>HC – Historical Commission</i>	<i>RCSTP – Ridley Creek Sewer Treatment Plant</i>
<i>I&I – Inflow & Infiltration</i>	<i>SBR – Sequencing Batch Reactor</i>
<i>LCSTP – Lockwood Chase Sewer Treatment Plant</i>	<i>SSO – Sanitary System Overflow</i>
	<i>WAS – Waste Activated Sludge</i>

Call to Order & Pledge of Allegiance

Dana called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance. There was a moment of silence to remember our troops and all veterans. Dana asked if anyone would be recording the meeting. There was no response.

Sewer Reports

1. Director of Public Works, Mark Miller provided the following report for November:

Monthly Flows: The average daily flow to West Goshen was 680,000 gallons per day.

Meters: The meters were read on a daily basis. The permanent meters were calibrated on December 9th.

C.C. Collection: It was rather busy on Thanksgiving. We had a sewer blockage at 28 Lochwood Lane. We received a call from the 911 center that a resident's sewer backed up into their house and that Roto Rooter was on the scene reporting that the Township's system was blocked. When I arrived I was met by Roto Rooter who said that they made several attempts to clear the sewer main but were unsuccessful. When our men arrived we jetted the main line, which was full of roots. We also found that the manhole was a drop manhole and that the drop was partially collapsed. Since we backed up the sewage into the house, Belfor was called to take care of sanitizing the basement. On November 28th we excavated the sewer line due to the depth and the condition of the drop. We chose to abandon the outside drop and we installed a new drop inside the manhole. We plugged the old drop and filled it with concrete. I have attached some pictures of the repair.

We had a problem at Hershey Mill Pump Station when the muffin monster tripped out and caused the main to back up. The crew happened to be working around the corner when the problem occurred so there is minimal carry over. In both instances I contacted DEP to report the carry over. While installing the temporary meters we found a broken

1 sewer lateral with 10 to 15 thousand gallons of infiltration. We also spent two days
2 clearing the sewer right of way in Supplee Valley.
3 R.C. Collection – We have completed the rebuilding of the Hunt Country Pump Station.
4 R.C. Plant: We are in the process of building a storage building for the soda ash.
5 Dutchland had been in to make the repairs to the SBR. The sludge pump was pulled in
6 SBR1. The pump is not worth rebuilding so it was replaced with a spare.
7 INI Repairs: 12 sewer cap replacements after residents called about caps missing.
8 Alarms: We responded to 15 alarms for November.
9 PA One Calls: We received 68 PA One calls for November.

12 **2. Pennoni Engineer's Report for November**

13 Mike Ellis provided the following report.

14 Invoices: Invoices with summaries are provided under separate cover.

15 Ridley Creek Sewage Treatment Plant (RCSTP):

16 The NPDES Permit expires on February 28, 2017. The permit renewal application was
17 finalized and submitted to PADEP on August 31, 2016. No changes to the existing
18 permit are proposed. (No update since last report)

19 We continued the evaluation of alternatives for automated alkalinity chemical feed
20 systems to eliminate manual feeding and carrying bags up the exterior steps, including
21 tank sizing and chemical cost analyses. The preferred alternative is a change to caustic
22 soda from the current soda ash treatment. An updated summary letter and discussion will
23 be provided at the December meeting.

24 We met with Dutchland at the RCSTP about repairs to address the peeling at the top of
25 the CIM coating in SBR #3 and the need to re-patch the lifting anchor holes throughout
26 the entire SBR deck. Dutchland performed the repairs thereafter. However, during the
27 follow-up inspection, additional bubbles in the coating were identified lower on the walls
28 in the SBR#3. This bubbling is more extensive than in the other SBR tanks and we are
29 coordinating with Dutchland on a repair.

30 Reservoir Rd Pump Station:

31 PADEP issued the State Water Obstruction and Encroachment Permit for the pump
32 station site and Chester Creek utility crossing in June 2016; however, they are requiring a
33 separate federal authorization by the Army Corps of Engineers (ACOE). We coordinated
34 with both PADEP and ACOE on this additional review in July and are still awaiting
35 feedback. (No update since last report)

36 We revised the NPDES plans and permit application to address CCCD's and DEP's latest
37 comments and resubmitted to CCCD on November 23, 2016.

38 The Water Quality Management (WQM) Permit application was submitted to PADEP on
39 April 13, 2016. They have informally notified us that they have no comments and are
40 prepared to issue the WQM Permit once the aforementioned NPDES Permit is issued.
41 (No update since last report)

42 We previously prepared the front end of the bid document and Division 01 specification
43 sections, including a draft Bid Form. The Bid Form still needs to be finalized. Technical
44 specifications were already prepared as part of the WQM Permit application. The full bid
45 document will be completed, assembled, and forwarded to the Township upon receipt of
46 the three remaining permits. (No update since last report)

1 We will complete a listing of the permits, expiration dates, and renewal deadlines once
2 the three remaining permits are issued. We anticipate including that listing in future
3 Engineer's Reports to track the permit statuses. (No update since last report)

4 RCSTP and Pump Stations' O&M Manual

5 We are continuing to add information as provided by the Township as follow-up to our
6 October 5th review meeting with Mark Miller.

7 White Chimneys Manhole Replacement

8 No activity since the last report. We will provide assistance as requested by the
9 Township during construction.

10 Semi-Annual I&I Reports

11 We evaluated apparent inconsistencies in the overall Chester Creek subbasin flows (as
12 metered at the Westtown Way Meter) between meter data, averages provided by East
13 Goshen and billing records from West Goshen. We will discuss with the PW Department
14 to resolve.

15 Sunoco Pipeline

16 No activity since last report. Sunoco previously agreed to add a condition to the approval
17 letter they are requesting from East Goshen that they (Sunoco) will physically locate the
18 Ashbridge PS force main at the proposed pipeline crossing location and that an East
19 Goshen representative must be present when any work is done near the force main. We
20 have also coordinated with them on a potential conflict with the proposed Reservoir Road
21 PS force main, but there has not yet been a resolution to our knowledge.

22 New Connections

23 3 & 5 School Lane - We reviewed another set of revised plans and calculations for the
24 proposed 2-lot grinder pump system and we found the design to be acceptable.

25 1420 E. Strasburg Road, Brakman Property - We reviewed revised plans for the
26 proposed 3-lot grinder pump system as proposed for development by Brandolini, and
27 provided comments. A review meeting with the developer, township staff and Pennoni is
28 scheduled for December 14, 2016.

29 1680 E. Boot Road, Knauer Property - We reviewed a proposed plan for construction of
30 a gravity sewer lateral to service a building addition. We anticipate comments will be
31 issued by December 12, 2016.

32 DCED Small Water & Sewer Program Grant

33 The Township submitted a grant application for the installation of three permanent
34 gravity sewer flow meters in October. The grant agency, the Commonwealth Financing
35 Authority, is scheduled to award grants in March 2017.

36 West Goshen Sewer System Consultation

37 We attended the first regular WGSA Municipal Partners meeting on November 22, 2016.
38

39 **3. Big Fish Environmental Services** - Scott's report for November showed that the Ridley
40 Creek sewage treatment plant outfall 001 achieved compliance with the NPDES discharge permit
41 during October 2016. Discharge to Applebrook was discontinued during October and November.
42 Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained
43 consistent with previous months. Inspection of SBR 3 was completed with repairs scheduled for
44 early December. No mechanical or operational issues were observed during operation of sludge
45 dewatering equipment.
46

1 **Capacity Requests**

2 1668 E. Boot Road – Present were John and Linda O’Connell, owners, and Jim Renehan,
3 builder. They are requesting 1 EDU for the house they are planning to build. Mr. O’Connell has
4 a permit to build the house with an on-lot system but would like to connect to the public sewer
5 system. Mr. David Ludin, 1670 E. Boot Road, has agreed to allow Mr. O’Connell to utilize his
6 sewer line to provide service to the new house. However, a 4” line was originally installed to
7 Mr. Ludin’s house. More than one house on a line requires a 6” line. Mr. Renehan had Horn
8 Heating & Plumbing scope the line. They believe that the additional flow from the new house
9 would improve the performance in the line. Horn recommended a manhole on Ludin’s property
10 instead of a T-connection. The easement to the street was discussed. Patrick will discuss this
11 easement with Rick Smith and Mark Gordon. The Authority commented that there is the
12 capacity for this new house. Jack moved to grant this request for 1 EDU at 1668 E. Boot Road.
13 Phil seconded the motion. The motion passed unanimously. The applicant should have an
14 engineering plan submitted to Mark Gordon.

15
16 **Approval of Minutes**

17 The minutes of the November 14, 2016 were approved as amended.

18
19 **Approval of Invoices**

20 1. Phil moved to approve payment of the following Pennoni invoices:

- 21 a. Pennoni #722178 \$1,622.25
22 b. Pennoni #722179 \$ 656.75
23 c. Pennoni #722181 \$ 355.25

24 Jack seconded the motion. The motion passed unanimously.
25

26 **Liaison Report**

27 Conservancy Board – Walter reported that 18 trees were planted along E. Boot Road near the
28 Plank House. They tagged some dead trees in Clymers for removal. One beaver dam on Chester
29 Creek along Reservoir Road was removed.
30

31 **Financial Reports**

32 Jon Altshul provided the following written report:

33 In November, the Municipal Authority recorded \$286 in interest income and \$640 in legal
34 expenses for a negative variance of \$354. As of November 30th, the fund balance was
35 \$1,453,798, of which \$1,375,022 is in the main construction account (most of which represents
36 the 2013 note).
37

38 **Goals**

39 Goals for 2016 were reviewed.
40

41 **Old Business**

42 Alkalinity – Mike gave an update on the investigation to change from soda ash, which is being
43 manually fed and is not easy or safe, to a liquid caustic soda feed. There would have to be an
44 outside tank that would hold 5,000-6,000 gallons. There would be 1 pump and additional piping
45 and electric. A delivery would be 4,200 gallons, which would be a 33 day supply. Mark pointed

1 out that there is an empty tank on the property. Mike will look at it. Mark also reported that
2 Public Works just built a shed for storage. Mike will do a cost analysis for the next meeting.
3

4 **New Business**

5 **Capacity Request** – Christopher Knauer, 1680 E. Boot Road – He is requesting 1 EDU for the
6 new house and 1 EDU for a future lot. There is a sewer easement agreement with the abutting
7 neighbors. Jack moved to grant the request for 2 EDUs at 1680 E. Boot Road. Phil seconded the
8 motion. The motion passed unanimously.

9 **Pennoni 2017 Fees** – Mike reviewed the proposed fees and budgets for 2017. The average
10 increase is 3.3%. Ed moved to approve the Pennoni fees and budgets for 2017. Phil seconded
11 the motion. The motion passed unanimously.

12 **Auditors** – After review, Phil moved to approve Maillie as auditors to do the 2016 audit in 2017
13 at a cost of \$9,200. Jack seconded the motion. The motion passed unanimously. Dana will sign
14 the authorization.

15 **Lochwood Chase Sewage Treatment Plant Diversion** – The closeout was approved by the
16 Chester County Conservation District.

17 **West Goshen Township Meeting** – The HRG spreadsheet that was included in the information
18 packet that was distributed at the combined meeting was discussed. It was decided that we need
19 a breakdown of costs for East Goshen. Then an audit can be done. Ed will attend the January
20 meeting.

21 **Reorganization for 2017:** Jack moved to approve the following positions for 2017:

22 Chairman – Ed McAssey

23 Vice Chairman – Jack Yahraes

24 Secretary – Kevin Cunningham

25 Treasurer – Phil Mayer

26 Asst. Secretary/Treasurer – Dana Pizarro
27

28 **Adjournment**

29 There being no further business, Ed moved to adjourn the meeting. Jack seconded the motion.
30 The meeting was adjourned at 8:45 pm. The next meeting will be held on Monday, January 9,
31 2017 at 7:00 pm.
32

33 Respectfully submitted,
34
35
36

37 Ruth Kiefer

38 Recording Secretary



INVOICE

Newark, DE
302-655-4451 Fax: 302-654-2895

Remit Payment To:
Pennoni
P.O. Box 827328
Philadelphia, PA 19182-7328

East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199
Attention: Louis F. Smith, Twp Mgr.

Invoice # : 726816
Invoice Date : 12/29/2016
Project : EGMA1504
Project Name : Reservoir Rd PS Design & Permitting

For Services Rendered through: 12/11/2016

Completed and resubmitted revised NPDES permit plans, Notice of Intent application forms, supporting stormwater calculations, and response letter to CCCD to address their August 19, 2016 NPDES and E&S comments.

Phase : 12 -- Permitting

Total Phase : 12 -- Permitting

Labor : 1,784.25
Expense : 0.00
Phase Total : 1,784.25

Amount Due This Invoice

\$1,784.25

Phase : 12 -- Permitting

Labor Class	Hours/ Units	Rate	Amount
Authority Engineer	12.00	115.00	1,380.00
Engineering Technician II	5.25	77.00	404.25
Labor Total:	17.25		1,784.25

Total Phase : 12 -- Permitting

Labor : \$1,784.25
Expense : \$0.00

Total Project : EGMA1504 -- Reservoir Rd PS Design & Permitting

Labor : \$1,784.25
Expense : \$0.00

OK RS 1-6-17

East Goshen Municipal Authority
EGMA1504 Invoice Summary
Invoice Date 12/11/2016

Project: EGMA1504
Pennoni Job No.: Reservoir Rd PS Design & Permitting
Invoice No: 726816
Invoice Period: 11/7/2016 to 12/11/2016
Initial Authorization: \$ 167,120.00 **Date:** 12/29/2016
Contract Amount: \$ 183,120.00
Previously Invoiced: \$ 178,968.00
Current Invoice: \$ 1,784.25
Invoiced to Date (\$): \$ 180,752.25
Invoiced to Date (%): 98.71%
Remaining Budget (\$): \$ 2,367.75
Remaining Budget (%): 1.29%

Budget by Phase:

Phase Name:	Permitting	Phase 12
Phase Budget:	\$ 41,950.25	
Previously Invoiced:	\$ 37,798.25	
Current Invoice:	\$ 1,784.25	
Invoiced to Date (\$):	\$ 39,582.50	
Invoiced to Date (%):	94.36%	
Remaining Budget (\$):	\$ 2,367.75	
Remaining Budget (%):	5.64%	

Comments: Completed and resubmitted revised NPDES permit plans, Notice of Intent application forms, supporting stormwater calculations, and response letter to CCCD to address their August 19, 2016 NPDES and E&S comments.



INVOICE

Newark, DE
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P.O. Box 827328
Philadelphia, PA 19182-7328

East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199
Attention: Louis F. Smith, Twp Mgr.

Invoice #: 726817
Invoice Date: 12/29/2016
Project: EGMA1601
Project Name: 2016 General Services

For Services Rendered through: 12/11/2016

Continued coordination for CIM coating repairs in SBR #3 and concrete repairs throughout deck including site inspection by Senior Engineer and Senior Engineering Technician and follow-up field meeting with Dutchland and Public Works Dept, and scoping and scheduling with Dutchland and the Public Works Dept. Continued feasibility analysis of potential change to automated caustic soda chemical feed for alkalinity/pH control to replace existing manual soda ash feed at RCSTP including trial and permanent conceptual designs and tank sizing, chemical pricing, and overall construction pricing; submitted a draft alternatives memo dated 11/14/16. Prepared for and attended November MA meeting. Submitted marked-up plan of LCSTP to Township identifying earthen areas in need of restoration based upon site visit.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor : 4,042.50
Expense : 0.00
Phase Total : 4,042.50

Amount Due This Invoice

\$4,042.50

Fee : 15,598.75
Prior Billings : 11,556.25
Current Billings : 4,042.50
Total Billings : 15,598.75

Phase : **** -- Professional Services

Labor Class	Hours/ Units	Rate	Amount
Authority Engineer	13.50	115.00	1,552.50
Senior Engineer	18.00	110.00	1,980.00
Senior Engineering Technician	6.00	85.00	510.00
Labor Total:	37.50		4,042.50

Total Phase : **** -- Professional Services

Labor : 4,042.50
Expense : 0.00

Total Project : EGMA1601 -- 2016 General Services

Labor : 4,042.50
Expense : 0.00

ok RS 1-6-17
(SEE NEXT PAGE)

INVOICES DUE ON RECEIPT. Invoices outstanding over 30 days will have a Service Charge of 1 1/2% per month.

East Goshen Municipal Authority
EGMA1601 Invoice Summary
Invoice Date 12/29/2016

Project: EGMA1601
Pennoni Job No.: 2016 General Services
Invoice No: 726817
Invoice Period: 11/7/2016 to 12/11/2016
Initial Authorization: \$ 12,300.00 Date: 12/29/2016
Contract Amount: \$ 15,598.75
Previously Invoiced: \$ 11,556.25
Current Invoice: \$ 4,042.50
Invoiced to Date (\$): \$ 15,598.75
Invoiced to Date (%): 100%
Remaining Budget (\$): \$ -
Remaining Budget (%): 0%

Budget by Phase:

Phase Name: 2016 General Services
Phase Budget: \$ 15,598.75
Previously Invoiced: \$ 11,556.25
Current Invoice: \$ 4,042.50
Invoiced to Date (\$): \$ 15,598.75
Invoiced to Date (%): 100%
Remaining Budget (\$): \$ -
Remaining Budget (%): 0%

1-6-17
PENNOI IS \$ 298.75 OVER
BUDGET AS A RESULT
OF ADDITIONAL ISSUES
WITH SBR COATING S.

ok with overage

Rick

Comments: Continued coordination for CIM coating repairs in SBR #3 and concrete repairs throughout deck including site inspection by Senior Engineer and Senior Engineering Technician and follow-up field meeting with Dutchland and Public Works Dept, and scoping and scheduling with Dutchland and the Public Works Dept. Continued feasibility analysis of potential change to automated caustic soda chemical feed for alkalinity/pH control to replace existing manual soda ash feed at RCSTP including trial and permanent conceptual designs and tank sizing, chemical pricing, and overall construction pricing; submitted a draft alternatives memo dated 11/14/16. Prepared for and attended November MA meeting. Submitted marked-up plan of LCSTP to Township identifying earthen areas in need of restoration based upon site visit.



INVOICE

Newark, DE
302-655-4451 Fax: 302-654-2895

Remit Payment To:
Pennoni
P.O. Box 827328
Philadelphia, PA 19182-7328

East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199
Attention: Louis F. Smith, Twp Mgr.

Invoice # : 726818
Invoice Date : 12/29/2016
Project : EGMA1602
Project Name : 2016 Semi-Annual I&I Reports

For Services Rendered through: 12/11/2016

Analyzed meter data of East Goshen's overall flows from the Chester Creek Service Area for apparent discrepancies between East Goshen's raw meter data, East Goshen's average monthly flow calculations, West Goshen's billing records, and Chapter 94 Reports.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	1,000.25
Expense :	0.00
Phase Total :	1,000.25

Amount Due This Invoice

\$1,000.25

Fee :	11,200.00
Prior Billings :	7,739.75
Current Billings :	1,000.25
Total Billings :	8,740.00

Phase : **** -- Professional Services

Labor

Class	Hours/ Units	Rate	Amount
Authority Engineer	1.50	115.00	172.50
Graduate Engineer	10.75	77.00	827.75
Labor Total:	12.25		1,000.25

Total Phase : **** -- Professional Services

Labor :	\$1,000.25
Expense :	\$0.00

Total Project : EGMA1602 -- 2016 Semi-Annual I&I Reports

Labor :	\$1,000.25
Expense :	\$0.00

OK RS 1-6-17

East Goshen Municipal Authority
EGMA1602 Invoice Summary
Invoice Date
12/29/2016

Project: EGMA1602
Pennoni Job No.: 2016 Semi-Annual I&I Reports
Invoice No: 726818
Invoice Period: 9/17/2016 to 12/11/2016
Initial Authorization: \$ 11,200.00 **Date:** 12/29/2016
Contract Amount: \$ 11,200.00
Previously Invoiced: \$ 7,739.75
Current Invoice: \$ 1,000.25
Invoiced to Date (\$): \$ 8,740.00
Invoiced to Date (%): 78%
Remaining Budget (\$): \$ 2,460.00
Remaining Budget (%): 22%

Budget by Phase:

Phase Name: 2016 Semi-Annual I&I Reports
Phase Budget: \$ 11,200.00
Previously Invoiced: \$ 7,739.75
Current Invoice: \$ 1,000.25
Invoiced to Date (\$): \$ 8,740.00
Invoiced to Date (%): 78%
Remaining Budget (\$): \$ 2,460.00
Remaining Budget (%): 22%

Comments: Analyzed meter data of East Goshen's overall flows from the Chester Creek Service Area for apparent discrepancies between East Goshen's raw meter data, East Goshen's average monthly flow calculations, West Goshen's billing records, and Chapter 94 Reports.



INVOICE

Newark, DE
302-655-4451 Fax: 302-654-2895

Remit Payment To:
Pennoni
P.O. Box 827328
Philadelphia, PA 19182-7328

East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6199
Attention: Louis F. Smith, Twp Mgr.

Invoice # : 726819
Invoice Date : 12/29/2016
Project : EGMA1608
Project Name : West Goshen Sewer System
Consultati

For Services Rendered through: 12/11/2016

Attended first regular West Goshen STP stakeholders' meeting on 11/22/16; follow-up review of WGSA correspondence and meeting documents.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	373.75
Expense :	0.00
Phase Total :	373.75

Amount Due This Invoice

\$373.75

Fee :	5,000.00
Prior Billings :	0.00
Current Billings :	373.75
Total Billings :	373.75

Phase : **** -- Professional Services

Labor

Class

Authority Engineer

Hours/ Units	Rate
-----------------	------

3.25

115.00

Amount

373.75

Labor Total:

3.25

373.75

Total Phase : **** -- Professional Services

Labor :	\$373.75
Expense :	\$0.00

Total Project : EGMA1608 -- West Goshen Sewer System Consultati

Labor :	\$373.75
Expense :	\$0.00

OK RS 1-6-17

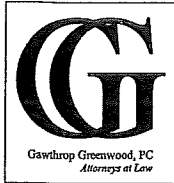
East Goshen Municipal Authority
EGMA1608 Invoice Summary
Invoice Date 12/29/2016

Project: EGMA1608
Pennoni Job No.: West Goshen Sewer System Consultation
Invoice No: 726819
Invoice Period: NTP to 12/11/2016
Initial Authorization: \$ 5,000.00 **Date:** 12/29/2016
Contract Amount: \$ 5,000.00
Previously Invoiced: \$ -
Current Invoice: \$ 373.75
Invoiced to Date (\$): \$ 373.75
Invoiced to Date (%): 7%
Remaining Budget (\$): \$ 4,626.25
Remaining Budget (%): 93%

Budget by Phase:

Phase Name: West Goshen Sewer System Consultation
Phase Budget: \$ 5,000.00
Previously Invoiced: \$ -
Current Invoice: \$ 373.75
Invoiced to Date (\$): \$ 373.75
Invoiced to Date (%): 7%
Remaining Budget (\$): \$ 4,626.25
Remaining Budget (%): 93%

Comments: Attended first regular West Goshen STP stakeholders' meeting on 11/22/16; follow-up review of WGSA correspondence and meeting documents.



Gawthrop Greenwood, PC
Attorneys at Law

17 East Gay Street, Suite 100 (p) 610-696-8225
West Chester, PA 19381-0562 (f) 610-344-0922
gglaw@gawthrop.com www.gawthrop.com

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
12/06/2016
Client No: 6604-001R
Invoice No. 157998

General Authority Services

Fees

		Hours	
11/09/2016			
PMM	Review and analyze meeting material packet.	0.40	
11/14/2016			
SLF	Preparation for and attendance at meeting.	1.50	
11/16/2016			
PMM	Emails from M Gordon, C Knauer and R Smith regarding EDU request and sewer easement.	0.60	
	For Current Services Rendered	2.50	500.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Stacey L. Fuller	1.50	\$200.00	\$300.00
Patrick M. McKenna	1.00	200.00	200.00

Total Current Charges 500.00

Balance Due \$500.00

OK TO PAY TRS 12/16

To ensure proper credit, please write client number on
your check when returning payment. Thank You.
A finance charge of 1.25% per month (15% annually) may be
charged on balances not paid 60 days after the invoice date.

Memo

To: Municipal Authority
From: Jon Altshul
Re: MA December Financial Reports
Date: January 6, 2016

In December, the Municipal Authority recorded \$456 in interest income and \$38,604 in expenses, for a negative variance of \$38,178. Expenses consisted of:

- \$7,377 for the 4th quarter administrative charge-back
- \$1,012 for engineering services
- \$500 for legal services
- \$1,622 for the Reservoir Road Pump Station engineering
- \$28,092 for 28% of the debt service on the 1998 note

As of November 30th, the fund balance was \$1,415,651, of which \$1,373,851 is in the main construction account (most of which represents the 2013 note).

A complete list of all year-to-date expenses and revenues is provided.

EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER, PA
Municipal Authority
December 2016

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
MUNICIPAL AUTHORITY BEGINNING FUND BALANCE				
1,453,798.13				
RCSTP BUDGET				
REVENUE				
INTEREST EARNED - RCSTP EXPANSION	07341 1020	1,500.00	454.45	2,572.61
GRANT REVENUE	07392 0800	0.00	0.00	0.00
TOTAL REVENUE		1,500.00	454.45	2,572.61
EXPENSES				
R.C.-CAP. PROJ.-ENGINEER	07424 7451	0.00	0.00	0.00
R.C. CAP EXPANSION GEN'L CONTRACTOR	07424 7452	0.00	0.00	0.00
R.C. CAP EXPANSION - ELECTRICAL	07424 7453	0.00	0.00	0.00
R.C. CAP EXP CONTINGENCY CAPITAL	07424 7454	0.00	0.00	0.00
R.C. CAP EXP CONTINGENCY ONGOING	07424 7455	0.00	0.00	0.00
R.C. CAP EXP ADDITIONAL CONTINGENCY	07424 7456	0.00	0.00	0.00
TRANSFER TO SEWER SINKING FUND	07492 0550	0.00	0.00	0.00
TRANSFER TO AUTHORITY CAP FUND	07492 0990	0.00	0.00	0.00
TOTAL EXPENSES		0.00	0.00	0.00
RCSTP NET RESULT		1,500.00	454.45	2,572.61

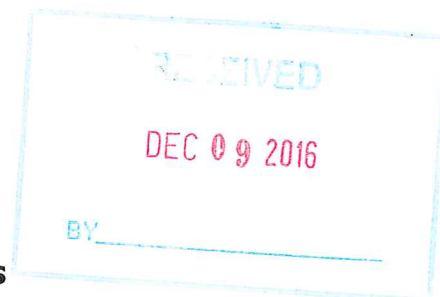
EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER, PA
Municipal Authority
December 2016

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
OPERATING BUDGET				
REVENUE				
INTEREST EARNINGS	07341 1000	10.00	1.54	(27.66)
C.C. TAPPING FEES	07364 1100	4,000.00	0.00	6,000.00
R.C.TAPPING FEES	07364 1110	4,000.00	0.00	43,300.00
CONNECTION FEES - SEWER	07364 1130	0.00	0.00	1,127.52
MISCELLANEOUS REVENUE	07380 1000	0.00	0.00	564.48
TRANSFER FROM SEWER OPERATING	07392 0500	93,832.00	0.00	77,000.00
TOTAL REVENUE		101,842.00	1.54	127,964.34
EXPENSES				
ADMINISTRATIVE WAGES	07424 1400	0.00	7,377.37	30,165.72
MISCELLANEOUS EXPENSE	07424 3000	3,000.00	0.00	1,741.62
MUNIC.AUTH.-AUDITING	07424 3110	9,500.00	0.00	8,900.00
ENGINEERING SERVICES	07424 3130	38,500.00	1,012.00	54,100.00
LEGAL SERVICES	07424 3140	9,000.00	500.00	8,592.79
M.C.-DVRFA-DEBT SERVICE	07471 1000	24,920.00	24,921.00	24,921.00
M.C.-DVRFA-INTEREST PAYMNT	07472 1000	3,172.00	3,171.00	3,171.00
M.C.-DVRFA-INTEREST PAYMNT	07472 1010	0.00	0.00	0.00
TOTAL EXPENSES		88,092.00	36,981.37	131,592.13
OPERATING NET RESULT		13,750.00	(36,979.83)	(3,627.79)

EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER, PA
Municipal Authority
December 2016

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
CAPITAL BUDGET				
REVENUE				
LOAN PROCEEDS-SEWER PROJECT	07393 1001	0.00	0.00	0.00
TRANSFER FROM SEWER CAP RESERVE	07392 0900	0.00	0.00	0.00
TOTAL REVENUE		0.00	0.00	0.00
EXPENSES				
MARYDELL PUMP STATION - ENGINEER	07425 1000	0.00	0.00	0.00
MARYDELL PUMP STATION -CONSTRUCTION	07425 2000	0.00	0.00	0.00
MANHOLE COVER REPLACEMENTS	07424,7405	0.00	0.00	0.00
C.C. CAPITAL - COLLECTION	07424,7420	0.00	0.00	0.00
LOCHWOOD ABANDONMENT ENGINEER	07424 7475	0.00	0.00	0.00
LOCHWOOD ABANDONMENT CONSTRUCTION	07424 7476	0.00	0.00	0.00
LOCHWOOD ELIMINATION PHASE 2	07424 7477	0.00	0.00	0.00
HERSHEY MILL STATION - ENGINEER	07426 1000	0.00	0.00	0.00
HERSHEY MILL STATION - CONSTRUCTION	07426 2000	0.00	0.00	0.00
RESERVE PUMP STATION - ENGINEER	07427 1000	0.00	0.00	0.00
RESERVE PUMP STATION - CONSTRUCTION	07427 2000	0.00	0.00	0.00
RESERVOIR PUMP STATION - ENGINEER	07428 1000	0.00	1,622.25	44,570.50
RESERVOIR PUMP STATION CONSTRUCTION	07428 2000	0.00	0.00	0.00
ASBSTOS CONCRETE ENGINEERING	07429 3130	25,000.00	0.00	0.00
DIVERSION PROJ.- LEGAL	07429 3166	0.00	0.00	0.00
TOTAL EXPENSES		25,000.00	1,622.25	44,570.50
CAPITAL NET RESULT		(25,000.00)	(1,622.25)	(44,570.50)
MUNICIPAL AUTHORITY ENDING FUND BALANCE		1,415,650.50		

TO: Association Members
FROM: Matthew Cranmer, Conference Chair
Douglas E. Bilheimer, Executive Director
DATE: December 7, 2016
SUBJECT: 2017 PMAA Annual Conference



Call for Papers/Session Topics

As PMAA begins planning for the 2017 Annual Conference (September 10-13, Hershey) we are asking you, the members, for your suggestions and possibly expertise for session presentations to the conference delegates.

As authorities, you may have recently completed a project or administrative program that has made your authority more efficient or operationally advanced. As PMAA members, sharing your experiences is part of the benefits of Association participation. If you are an authority simply looking for guidance in a certain area of operations or management, please use this opportunity to express your interest in a topic.

Associate members, PMAA has relied on your expertise in educating our membership at countless seminars and conferences. PMAA prides itself in providing the premier industry forum for networking and information exchange. If you or your firm has a particular area of expertise, an interesting case study or a suggestion for conference educational session, please share your idea with the Conference Committee using the form below.

Please complete the form below with your suggestions or proposals. The Conference Committee will be provided with a complete listing of your educational session ideas. Submitted ideas not chosen for the 2017 Conference will be maintained and may be utilized at other educational sessions.

Forms must be completed and returned no later than Friday, January 20, 2017. This form can be faxed to the PMAA office at 717-737-8431 or e-mailed to albright@municipalauthorities.org

Contact Person: _____ E-mail: _____

Authority/Firm: _____

Address: _____ City, State, Zip: _____

Phone: _____ Fax: _____

Topic/Title: _____

Have you previously presented this topic? ☐ Yes ☐ No

If yes, could you provide a reference from that presentation? _____

Topic Summary (2 or 3 sentence overview, use back of paper or an additional sheet if more room is needed):

- ☐ Yes, our Authority/Firm would present a session or portion of a session relating to the above-mentioned topic.
- ☐ This topic could also be presented in a webinar format of 45 – 60 minutes.
- ☐ This topic could also be prepared as an article for *The Authority* magazine.
- ☐ We would suggest the Association provide an educational session/webinar on the above-mentioned topic.



The Authorities

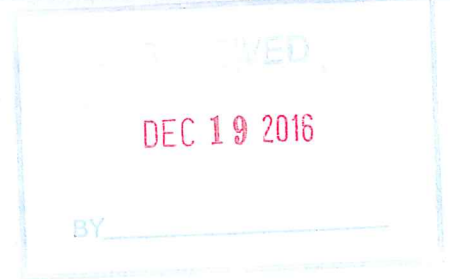
PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOCIATION

FYI

1000 North Front Street • Suite 401 • Wormleysburg, PA 17043 • 717.737.7655 • Fax 717.737.8431

Email: info@municipalauthorities.org Website: www.municipalauthorities.org

TO: PMAA MEMBER AUTHORITIES
FROM: DOUGLAS E. BILHEIMER, EXECUTIVE DIRECTOR
DATE: DECEMBER 15, 2016
SUBJECT: 2017 ROSTER SHEET



We have enclosed our newly designed Roster Sheet for 2017. Please review this form and make changes as outlined below. Return the original corrected copy to the PMAA office as soon as possible.

Please Note: This print-out may contain typographical errors. Please check all information very closely and correct as required. Print corrections legibly, using red or bright ink (no pencil). PLEASE BE ACCURATE. This information is essential for printing the 2018 Directory, to assure correct addresses for mailings, and processing of membership dues.

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Section 1: Authority Information:

Authority facts: name, address, phone, fax, e-mail, website, type of project, type of authority.

Section 2: Revenue Information:

For **OPERATING Authorities** – Gross Revenues. Revise the gross revenue figure, and indicate the gross revenues for the authority's last completed fiscal year.

For **LEASE-BACK Authorities** – Leaseback Revenue – Revise the annual lease rental figure, and indicate the lease rental figure for the authority's last completed fiscal year.

If your authority is a COMBINATION Authority, with both Gross Revenues and Lease-Back Rentals, provide both figures in the appropriate spaces.

Section 3: The Authority Participates in these PMAA Programs:

Verify all the PMAA programs your Authority currently participates in.

Section 4: Staff Information:

Revise any changes in the number of employees and board members.

Question: Do you have an Insurance Broker? If yes, please provide details.

(over)

Authority Information:

East Goshen Municipal Authority

1580 Paoli Pike

West Chester, PA 19380

Telephone: (610) 692-7171

Fax: (610) 692-8950

Email: egtadmin@eastgoshe.org

Website: www.eastgoshe.org

Type of Project: Sewer

Type of Authority: Leaseback

MEMBERSHIP ROSTER FOR 2017

Please verify that this information is correct and make any necessary changes in the space provided on the right.

Revenue Information:

(Please provide gross revenue or lease rental figures for the past fiscal year)

Gross Revenues: \$0.00

(Total from service charges if an Operating Authority)

Fiscal Year Ends: December 31

Leaseback Revenue: \$884,300.00
(If Project is a Leaseback Authority)

Bonded Debt: \$10,177,000.00

Change: _____

The Authority Participates in these PMAA Programs:

Life Insurance: No

Short Term Disability: No

Long Term Disability: No

Hospital Indemnity: No

Unemployment Compensation: No

Change: _____

Staff Information:

Number of Full-Time Employees: 0

Number of Part-Time Employees: 0

Number Covered by Collective Bargaining: 0

Number of Board Members: 5

Change: _____

Do you have an insurance broker? If yes, please provide contact information:

Yes ☐ No ☐

Name: _____ Company: _____ Phone: _____

Please verify that the information below is correct and make any changes or additions in the space provided.

Manager: Louis F. Smith

1580 Paoli Pike, West Chester, PA 19380

Phone: (610) 692-7171 | Email: rsmith@eastgoshen.org

Director or Public Works: Mark S. Miller

1580 Paoli Pike, West Chester, PA 19380

Phone: (610) 692-7171 | Email: mmiller@eastgoshen.org

Chair: Dana Pizarro,

301 East Germantown Pike, 3rd Floor, East Norriton, PA 19401

Phone: (484) 804-7254 | Email: dana.pizarro@obg.com

Vice Chair: Ed McAssey

1121 Merrifield Drive, West Chester, PA 19380

Phone: (610) 692-7171 | Email:

Assistant Secretary/Treasurer: Phil Mayer

922 Saratoga Drive, West Chester, PA 19380

Phone: (610) 692-7171 | Email:

Secretary: Jack Yahraes

911 Vista Drive, West Chester, PA 19380

Phone: (610) 692-2285 | Email: jyahraes@aol.com

Treasurer: Kevin Cummings

1606 Williams Way, West Chester, PA 19380

Phone: (610) 563-8893 | Email: kcummings@aol.com

Solicitor: Gawthrop Greenwood, PC/Patrick McKenna, Esquire

17 East Gay Street, Suite 100, PO Box 562, West Chester, PA 19381-0562

Phone: (610) 696-8225 | Email: pmckenna@gawthrop.com

Engineer: Pennoni Associates, Inc./Michael Ellis, PE

121 Contental Drive, Suite 207, Newark, DE 19713

Phone: (302) 655-4451 | Email:

Auditor: Maillie LLP

140 Whitaker Avenue, PO Box 680, Oaks, PA 19456

Phone: (610) 935-1420 | Email: firm@maillie.com