

EAST GOSHEN MUNICIPAL AUTHORITY

September 12, 2016

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. August 8, 2016
5. APPROVAL OF INVOICES

a. Pennoni Invoice #707483	\$ 86.25
b. Pennoni Invoice #707484	\$ 868.75
c. Pennoni Invoice #707485	\$1,991.50
d. Pennoni Invoice #707486	\$2,013.75
e. Gawthrop Invoice#150235	\$ 560.00 – already paid
5. LIAISON REPORTS
6. FINANCIAL REPORTS
 - a. August Financial Report
7. OLD BUSINESS
 - a.
8. GOALS
 - a. Operate the Ridley Creek Sewer Treatment Plant in compliance with NPDES Permit requirements. *January, February, March, April, May, June, July, August*
 - 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*

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*

9. NEW BUSINESS

a. Consider application for PA Small Water and Sewer Project Grant

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

September 9, 2016

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

Monthly Flows: The average daily flow to West Goshen was 718,000.

Meters: Meters were read on a daily basis. They were all re-calibrated last week including the portable meters. No problems to report.

C.C. Collection: The pumping stations were visited on a daily basis. The transducer was removed and replaced with a new style unit at the Barkway Pump Station. We had several problems with the phone line at the station as well.

We responded to two sewer lateral backups which were cleared. The manhole work has been completed in White Chimneys and Cornwallis Drive.

R.C. Collection: We began the construction of the Hunt Country Pump Station. We should have it under roof by the end of the month.

R.C. Plant: We installed the rebuilt pumps in the SBR wet well pump. The grit chamber was cleaned.

Lochwood Plant: No problems to report

Lateral Caps: 8 Lateral Cap repairs for August.

Alarms: We responded to 27 alarms for August.

PA One Calls: We received 96 Pa One calls August.



MEMORANDUM

TO: East Goshen Municipal Authority Board
Rick Smith, Township Manager

FROM: Michael Ellis, P.E.
Authority Engineer

DATE: September 8, 2016

SUBJECT: Engineer's Report

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.

Reservoir Road Pump Station

- PADEP previously issued the Chester Creek Small Projects Joint Permit for the pump station site and Chester Creek utility crossing; however, they are also requiring a separate federal authorization by the Army Corps of Engineers (ACOE). We previously coordinated with both PADEP and ACOE on this additional review and are still awaiting feedback.
- The Chester County Conservation District (CCCD) has completed their review of the NPDES Permit application and has forwarded it onto PADEP for NPDES Permit issuance. CCCD issued additional erosion and sediment (E&S) control comments thereafter that we are in the process of addressing. We anticipate the NPDES Permit will not be issued until E&S approval is obtained.
- The Water Quality Management (WQM) Permit application was submitted to PADEP on April 13, 2016. PADEP has 120 calendar days (until August 11, 2016) to perform their review. 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.
- 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.

- 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.

RCSTP and Pump Stations' O&M Manual

- We continued preparation of the manual including certain emergency procedures and SSO reporting procedures. We intend to meet with the PW Director in the next two weeks to review the current status and determine additional info to be added.

White Chimneys and Cornwallis Drive Manhole Lining

- We continued part-time field inspections of the construction. The manholes are generally more deteriorated than we had expected. Additional surface preparation to restore one manhole's severely deteriorated wall near the base, beyond the contract scope of work, was required.
- The work is expected to be completed the week of September 12-16.

White Chimneys Manhole Replacement

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

Semi-Annual I&I Reports

- We analyzed portable and permanent meter data from April – July 2016, and we prepared a draft semi-annual report. We intend to meet with the PW Director and Township Manager in the next two weeks to review the I&I analyses, results, and formulate the plan for metering and investigations for the next six months. The semi-annual report will be finalized thereafter.

Sunoco Pipeline

- Sunoco 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 have 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.

New Connections

- No activity since last report.

Grant Opportunity

- PA DCED has a Small Water and Sewer Grant Program for which they are currently accepting applications until October 31, 2016. We are prioritizing with the Township and coordinating with DCED for eligibility of potential projects to apply for.



Ridley Creek Sewage Treatment Plant

Monthly Operations Report: August 2016

Executive Summary

The Ridley Creek sewage treatment plant outfall 001 achieved compliance with the NPDES discharge permit during July 2016 for outfalls 001 and 002. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous months. No mechanical deficiencies were experienced during the month. Centrifuge sludge dewatering equipment was fully functional during the month.

Treatment Process Operation

During July 2016, there were no exceedances of the final effluent discharge limitations for 001 and 002. Additional TSS samples were collected twice per week to allow for a means to calculate a weekly average. The total phosphorus monthly average concentration of 0.24 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 July 2016 eDMR. During the month, the final effluent total phosphorus concentration discharged ranged from 0.16 mg/L to 0.33 mg/L.

Table 1

July 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											
July 5, 2016	0.192	2.00	3.2	5	8	0.156	0.25	0.22	5.88	1	0.0000
July 8, 2016	0.190			4	6						
July 12, 2016	0.188	2.00	3.1	3	5	0.830	1.30	0.16	0.25	1	0.0000
July 19, 2016	0.183	3.10	4.7	6	9	0.221	0.34	0.33	0.50	1	0.0000
July 21, 2016	0.189			2	3						
July 26, 2016	0.279	2.2	5.1	4	9	0.272	0.63	0.26	0.60	2	0.3010
July 28, 2016	0.206			2	3						
Average	0.204	2.33	4.0	4	6	0.37	0.63	0.24	1.81	1	0.0753
Minimum	0.183	2.00	3.1	2	3	0.16	0.25	0.16	0.25	1	0.0000
Maximum	0.279	3.10	5.1	6	9	0.83	1.30	0.33	5.88	2	0.3010



Ridley Creek Sewage Treatment Plant

Monthly Operations Report: August 2016

Discharge to Applebrook, Outfall 002 continue during July. Table 2 illustrates the Applebrook discharge 002 sample data reported for the July 2016.

Table 2

July 2016 - Applebrook - Out Fall 002											
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	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
July 5, 2016	0.128	2.0	2.1	5.0	5.3	0.156	0.2	0.22	0.24	1	0.0000
July 8, 2016	0.126			4.0	4.2						
July 12, 2016	0.117	2.0	2.0	3.0	2.9	0.830	0.8	0.16	0.16	1	0.0000
July 19, 2016	0.119	3.1	3.1	6.0	6.0	0.221	0.2	0.33	0.33	1	0.0000
July 21, 2016	0.107			2.0	1.8						
July 26, 2016	0.000	2.2	0.0	4.0	0.0	0.272	0.0	0.26	0.00	2	0.3010
July 28, 2016	0.122			2.0	2.0						
Average	0.093	1.0	1.2	2	2.0	1.83	1.7	1.52	1.40	1	0.0753
Minimum	0.000	1.0	0.0	2	0.0	0.16	0.00	0.16	0.00	1	0.0000
Maximum	0.128	3.1	3.1	6	6.0	1.83	1.66	1.52	1.40	2	0.3010

The influent composite sample data was collected prior to the screening building exclusive of all internal recycle wastewater. Table 3 illustrates the influent composite sample data reported for the July 2016.



Ridley Creek Sewage Treatment Plant

Monthly Operations Report:
August 2016

Table 3

July 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											
July 5, 2016	0.252	207	435	508	1,066	50.4	106	54.6	115	10.8	23
July 12, 2016	0.236	127	267	267	560	32.0	67	53.4	105	5.4	11
July 19, 2016	0.265	119	250	54	113	40.5	85	47	104	5.7	12
July 26, 2016	0.234	52.7	111	98	206	42.9	90	45.1	88	4.6	10
Average	0.247	126	265	232	486	41.5	87	50.0	103	6.6	14
Minimum	0.234	53	111	54	113	32.0	67	45.1	88	4.6	10
Maximum	0.265	207	435	508	1066	50.4	106	54.6	115	10.8	23

Table 4 presents the available Outfall 001 final effluent data for the month of August 2016. During August, the presence of foam conditions on the surface of the SBRs remained consistent from the previous month with foam concentrations ranging from 0% to 20% of the surface area. This is attributed to increasing water temperatures limiting the conditions for growth of filamentous bacteria. Increasing the F:M ratio and decreasing MLSS concentrations is employed to assist in managing the increase in filamentous growth.

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



Ridley Creek Sewage
Treatment Plant

Monthly Operations Report:
August 2016

Table 4

August 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											
August 2, 2016	0.177	3.00	4.4	4	5.9	0.250	0.37	0.33	0.49	2	0.3010
August 4, 2016	0.174			3	4.4						
August 9, 2016	0.179	2.00	3.0	4	6.0	2.91	4.34	0.24	0.36	1	0.0000
August 11, 2016	0.162			3	4.1						
August 16, 2016	0.189	2.00	3.2	3	4.7	0.774	1.22	0.23	0.36	2	0.3010
August 23, 2016	0.173	2.00	2.9	2	2.9	0.426	0.61	0.16	0.23	1	
August 26, 2016	0.161			2	2.7						
August 30, 2016	0.162							0.45	0.61		
Average	0.172	2.25	3.4	3	4.4	1.09	1.64	0.28	0.41	2	0.2007
Minimum	0.161	2.00	2.9	2	2.7	0.25	0.37	0.16	0.23	1	0.0000
Maximum	0.189	3.00	4.4	4	6.0	2.91	4.34	0.45	0.61	2	0.3010

Table 5 presents the available Outfall 002 final effluent data for the month of August 2016. There are no anticipated exceedances of the permitted limitations for Outfall 001.



Table 5

August 2016 - Applebrook - Out Fall 002											
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	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
August 2, 2016	0.124	3.0	3.1	4.0	4.1	0.250	0.26	0.33	0.34	2	0.3010
August 4, 2016	0.127			3.0	3.2						
August 9, 2016	0.153	2.0	2.6	4.0	5.1	2.91	3.72	0.24	0.31	1	0.0000
August 11, 2016	0.132			3.0	3.3						
August 16, 2016	0.135	2.0	2.0	3.0	3.4	0.774	0.87	0.23	0.26	2	0.3010
August 23, 2016	0.144	2.0	3.0	2.0	2.4	0.426	0.51	0.16	0.19	1	0.0000
August 26, 2016	0.120			2.0	2.0						
August 30, 2016	0.146							0.45	0.55		
Average	0.138	0.76	1.20	1.67	2.03	1.95	1.92	1.71	1.56	1	0.1505
Minimum	0.1198	2.0	2.0	2.0	2.0	0.3	0.26	0.2	0.2	1.0	0.0
Maximum	0.1534	3.0	3.1	4	5.1	2.91	3.72	1.71	1.56	2	0.3010

The influent wastewater pollutant concentrations and loading entering the wastewater treatment facility varied during August. The influent flow volumes remained to be considerably lowered as compared to previous months. The internal recycle flow rates increased. These are related to the increased disc filter back wash cycle frequency and increase in sludge dewatering volumes.

Influent 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 6 presents the available pollutant data for the influent wastewater collected at the doghouse manhole during August 2016.



Ridley Creek Sewage Treatment Plant

Monthly Operations Report: August 2016

Table 6

August 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											
August 2, 2016	0.329	207	568	296	812	36.9	101	44.7	123	5.4	15
August 9, 2016	0.311	149	409	514	1,410	54.3	149	52.6	136	5.7	16
August 16, 2016	0.311	102	280	81	222	42.2	116	39.3	102	4.4	12
August 23, 2016	0.323	158	434	320	878	51.7	142	63.8	172	6.7	18
August 30, 2016	0.319										
Average	0.319	154	423	303	831	46.3	127	50.1	133	5.6	15
Minimum	0.311	102	280	81	222	36.9	101	39.3	102	4.4	12
Maximum	0.329	207	568	514	1410	54.3	149	63.8	172	6.7	18

Sequencing batch reactors (SBRs) numbered 1, 2 and 4 were in service during July and August. SBR 3 was removed from service during June 2016.

The SBR daily report can be accessed on line at: 192.168.80.44

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 from 65.8 gpd to 63.3 gpd. Soda ash daily addition remained consistent at 439 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.



Ridley Creek Sewage
Treatment Plant

Monthly Operations Report:
August 2016

Solids Dewatering and Disposal: August 2016

Sludge Dewatering Summary	
Gallons of sludge dewatered	289,689
Number of dumpsters	4

**Twenty (20) days of centrifuge operation*

Flow data:

August 2016			
Flow Meter Location	Total Volume for Month, MG	Average Daily Flow, gpd	Daily Maximum Flow, gpd
Influent Wastewater to Screening Building*	9.528	307,352	362,430
Influent Wastewater to SBRs	12.570	405,495	485,952
Internal Recycle	3.042	98,143	179,342
Treated Effluent to Disc Filters	12.478	402,517	251,000
Final Effluent Discharge	5.331	171,968	471,232
Applebrook Golf Course	4.019	129,649	158,152

**The influent flow reading is suspected to have an error.*

Chemical Usage:

August 2016		
Chemical	Daily Average	Total Monthly
Soda Ash	439	13,450
Aluminum Sulfate solution	63.3	1,900
Polymer (centrifuge)	0.84	16.8

**Twenty (20) days of centrifuge operation*

During August, sludge wasting to the sludge holding tanks and decanting of the sludge holding tanks was ongoing.

Sludge holding tank No. 1 was in service. The sludge initial level was 11.92 feet with 11.67 feet at the end of the month. Zero gallons of supernatant were decanted during the month. Zero pounds of soda ash were added.



Ridley Creek Sewage
Treatment Plant

Monthly Operations Report:
August 2016

Sludge holding tank No. 2 was in service. The sludge initial level was 11.53 feet with 10.79 feet at the end of the month. Zero gallons of supernatant were decanted during the month. Seven hundred (700) pounds of soda ash were added.

PA DEP

No activity

Significant Storm/Hydraulic Loading Events

During August, there were two (2) storm events resulting in a daily precipitation amount equal to or greater than 0.4 inches measured during a 24 hour period. A total of 2.65 inches of rainfall were measured during the month. The events occurred on the following dates:

- August 18th 0.46 inches
- August 21st 0.78 inches

Plant operations were adjusted to manage the precipitation to prevent exceedances of the permitted discharge limitations for Outfalls 001 and 002.

Minor Repairs and Preventative Maintenance

August 11th:

John Laidley installed Post EQ #2 level transmitter module in Siemens panel

August 17th:

Township on site to clean screen building.

August 18th:

The UPS in auger control Panel was replaced.
The exhaust fan belt for blower room was replaced.

August 22nd:

LMI Alum pump prior to the disc filters was observed not to be delivering alum.
Removed and cleaned injector.



Ridley Creek Sewage
Treatment Plant

Monthly Operations Report:
August 2016

August 24th:

Resampled influent and final effluent for Fats, Oil and Grease as required for the NPDES permit renewal application.

August 27th:

Cleaned LMI alum pump prior to the disc filters thoroughly. Also, flushed all SBR alum lines with utility water.

August 31st:

Siemens panel alarm at 5:10 AM for sludge pump #1. Pump failed to run. Reset Alarm.

Draft
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
August 8, 2016

The East Goshen Township Municipal Authority held their regular public meeting on Monday, August 8, 2016 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Dana Pizarro, Jack Yahraes, Ed McAssey, Kevin Cummings and Phil Mayer. Also in attendance were: Rick Smith (Township Manager), Carmen Battavio (Township Supervisor), Brian Miller (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.

CHAIRMAN’S/MEMBERS REPORTS

1. West Goshen Municipal Authority – Phil and Ed attended the last meeting. Phil reported that Ted Murphy is the new Chairman. HRG is handling capital improvements. They discussed chemicals and the process to decrease phosphorous. They have \$3 million in capital costs. They started work on a collection system. They approved an electric generator. PA has a grant program for capital improvements of \$22 million. They can request \$500,000. The next WG meeting is September 7. Jack will attend.
- 2.

Sewer Reports

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

Monthly Flows: The average daily flow to West Goshen was 722,000 gallons per day.

Meters: The meters were read on a daily basis. No problems to report.

C.C. Collection: The pumping stations were visited on a daily basis. Routine maintenance was performed. We received several alarms during the month as a result of power outages due to weather. We responded to four sewer lateral clogs, which we were able to clear. We replaced all the castings and lids on Brooke Drive and N. Lochwood Lane as part of our re-paving program.

The manhole rehab is moving along. The manholes are in worse condition than we thought. The contractor will be pulling out for a week. Once he returns they will begin working on the ones that will require bypass pumping.

1 R.C. Collection – The pump station was visited on a daily basis. Routine maintenance
2 was performed. We had some minor problems with the floats, which we replaced. We
3 responded to several alarms, which were caused by the float problem.

4 R.C. Plant: We had several problems with the motor control center due to extreme heat
5 conditions. The heat was causing the VFD's to trip out with high temperature. We
6 purchased an air conditioner from Granger, which has helped.

7 Lochwood Plant: No problems to report

8 Alarms: We responded to 18 alarms for July.

9 PA One Calls: We received 58 PA One calls for July.

10 Abel Recon is supposed to be on site next week to begin the manhole lining.
11

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

13 Mike Ellis provided the following report. Brian Miller filled in for Mike & reviewed the 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 is due
17 to PADEP by September 1, 2016. We have prepared the draft application, submitted Act
18 14 notifications to the County and Township and received responses and are awaiting
19 effluent fats, oil and grease sampling results from the plant operator. Other effluent
20 sampling results have been provided.

21 We followed-up about the SBR pump impellor failures, SBR CIM coating bubbles and
22 disc filter cloth replacements.

23 Evoqua believes the pump impellor damage is due to erosion corrosion, possibly from a
24 softer type of ductile iron. They recommended a harder impellor or another material such
25 as CD4MCu, which they state has great corrosion resistance. Evoqua and another pump
26 vendor also suggested that it could be partially, or completely, due to air entrainment
27 damage.

28 We suggest consideration be given to spot removal and repairs of the bubbling areas in
29 the CIM coating.

30 An email from the filter cloth vendor explaining the cloth history and life expectancy is
31 attached.

32 Reservoir Rd Pump Station:

33 PADEP previously issued the Chester Creek Small Projects Joint Permit for the pump
34 station site and Chester Creek utility crossing; however, they are also requiring a separate
35 federal authorization by the Army Corps of Engineers (ACOE). We have coordinated
36 with both PADEP and ACOE on this additional review and are awaiting feedback.

37 The Chester Co. Conservation District (CCCD) has completed their review of the
38 NPDES Permit application and has forwarded it onto PADEP for NPDES Permit
39 issuance. We are awaiting the permit.

40 The Water Quality Management (WQM) Permit application was submitted to PADEP on
41 April 13, 2016. PADEP has 120 calendar days (until August 11, 2016) to perform their
42 review.

43 We prepared the front end of the bid document and Division 01 specification sections,
44 including a draft Bid Form. The Bid Form still needs to be finalized. Technical
45 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 remaining two permits and completion of the Bid Form.

We will complete a listing of the permits, expiration dates, and renewal deadlines once the two remaining permits are issued. We anticipate including that listing in future Engineer's Reports to track the permit statuses.

RCSTP and Pump Stations' O&M Plan

Limited activity since the last report.

White Chimneys & Cornwallis Drive Manhole Lining

We are performing part-time field inspections of the construction. The manholes are generally more deteriorated than we had expected.

As of the date of this report, Abel Recon has completed preparation work on 10 manholes and has lined 6 manholes, all of which are in White Chimneys. They will not be working August 4-9. Pump and haul from the Ashbridge Pump Station is scheduled to occur August 16-17 during which the first 2-3 manholes downstream of the force main discharge can be prepared and lined.

White Chimneys Manhole Replacement

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

Semi-Annual I&I Reports

We received portable and permanent meter data from the Township and we have begun to analyze flows and prepare a formal semi-annual report. The report will be submitted in mid-August.

Sunoco Pipeline

Sunoco submitted updated plans for their proposed Mariner East 2 Pipeline project regarding crossings of East Goshen's sanitary sewers to address our prior comments. We reviewed, provided limited comments to the PW Director, and attempted to coordinate resolution of comments with Sunoco thereafter.

Mark Miller provided 2 impellers to show the type of damage after only 1 year. Brian mentioned that there are impellers made of harder material. Rick suggested that they order impellers made of the harder material. Kevin, Dana and Brian discussed the different causes for the damage including speed. Kevin suggested running 1 impeller at a lower speed.

3. Big Fish Environmental Services – Scott's report showed that the Ridley Creek sewage treatment plant outfall 001 achieved compliance with the NPDES discharge permit during July 2016. Discharge to Applebrook was initiated during June. Chemical usage utilized for total phosphorus removal, pH and total alkalinity remained consistent with previous months. No mechanical deficiencies were experienced during the month. Centrifuge sludge dewatering equipment was fully functional during the month.

Approval of Minutes

Jack moved to accept the minutes of July 11, 2016 as amended. Phil seconded the motion. The motion passed unanimously.

Approval of Invoices

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

- a. Pennoni #702675 \$ 599.50
- b. Pennoni #702676 \$ 990.00
- c. Pennoni #702677 \$ 154.00
- d. Pennoni #702678 \$ 100.00
- e. Pennoni #702679 \$ 105.75

Jack seconded the motion. The motion passed unanimously.

3. Phil moved to approve payment of Gawthrop Invoice #149314 in the amount of \$709.29, which was previously paid. Ed seconded the motion. The motion passed unanimously.

4. Phil moved to approve payment of the Maillie invoice #1000057420 in the amount of \$1,400.00. Jack seconded the motion. The motion passed unanimously.

Financial Reports

Jon Altshul provided the following written report:

In July, the Municipal Authority recorded \$2,718 in revenues, including one tap-in fee, and \$9,824 in expenses, including Reservoir Road Pump Station Engineering expenses of \$4,025, for a negative variance of \$7,106. As of July 31st, the fund balance was \$1,421,993 of which \$1,374,677 is in the main construction account (most of which represents the 2013 note).

The Municipal Authority should be aware that the 2013 note was issued in September 2013, or nearly 3 years ago. As you know, the note was issued to both reimburse the Sewer Sinking Fund for the costs of the various diversion projects undertaken in 2011-2013, and to pay for engineering and construction of the Reservoir Road Pump Station. My understanding is that the Municipal Authority now plans to use the unspent bond proceeds for the Municipal Authority's share of the anticipated capital improvements to the Chester Creek STP and West Goshen Sewer Authority infrastructure rather than on the Reservoir Road Pump Station construction, which is no longer a priority project given that flows have held steady. Importantly, the formal bond documents did not explicitly state that the note would be used for the specific projects listed above, but rather only for general sewer projects. However, to avoid confusion later on and to make it a matter of the public record, I recommend that the Municipal Authority clarify use of these funds through a motion.

Rick explained to the MA members that the borrowing agreement was broadly written.

Kevin made the following motion "Mr. Chairman, upon completion of the engineering work for the reservoir Road Pump Station, I move that we use any unspent proceeds of the \$2.5 million 2013 Municipal Authority note to pay for the East Goshen Municipal Authority's share of anticipated capital improvements to the Chester Creek Sewer Treatment plant and West Goshen Sewer Authority Pump Station infrastructure." Phil seconded the motion. The motion passed unanimously.

Goals

Goals for 2016 were reviewed.

New Business

1. Filter Feed Control Panel Parts – Mark Miller requested approval to purchase spare parts for the Filter Feed Control Panel. They already used the spare parts that they

1 had. Due to the age of the panels and the fact that it takes 2-3 weeks to receive parts,
2 he would like to get 2 of the most important ones as follows:

3 SLS 5/05 CPU Module at a cost of \$5,450.26

4 One Analog Input current 16 channel at a cost of \$1,680.00

5 Phil made a motion to approve up to \$7,500.00 to purchase the two parts as requested.

6 Jack seconded the motion. The motion passed unanimously.
7

8 **Liaison Reports**

9 1. Conservancy Board – Walter reported that they are discussing a Fall planting. They
10 walked through Clymers Woods to determine which trees need to be removed. They
11 kept the same budget for 2017.

12 2. Board of Supervisors – Carmen has requested that Jon Altshul, Township CFO,
13 review payments that were made by the Municipal Authority over the past few years.
14 Dana commented that Authority members do want some forensic accounting done.
15

16 **Any Other Matter**

17 1. Tredyffrin MA – Patrick clarified that there are 2 pump stations and the line. The
18 lawsuit was filed because the line broke 3 times in 18 months when it was new. They are
19 asking for permission to sell the line and void the agreement. They recently had the line
20 appraised for the sale. They will use the public bid process. There are others besides
21 Aqua interested in buying it.
22

23 **Adjournment**

24 There being no further business, Jack moved to adjourn the meeting. Kevin seconded the
25 motion. The motion passed unanimously. The meeting was adjourned at 8:00 pm. The next
26 meeting will be held on Monday, September 12, 2016 at 7:00 pm.
27

28 Respectfully submitted,

29
30 Ruth Kiefer

31 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 # : 707483
Invoice Date : 09/01/2016
Project : EGMA1504
Project Name : Reservoir Rd PS Design &
Permitting

For Services Rendered through: 8/14/2016

Evaluation of CCCD's E&S plan comment letter; and status updates with PADEP and Township on outstanding permit application reviews/approvals

Phase : 12 -- Permitting

Total Phase : 12 -- Permitting

Labor :	86.25
Expense :	0.00
Phase Total :	86.25

Amount Due This Invoice

\$86.25

Phase : 12 -- Permitting

Labor

Class	Hours/ Units	Rate	Amount
Authority Engineer	0.75	115.00	86.25
Labor Total:	0.75		86.25

Total Phase : 12 -- Permitting

Labor :	\$86.25
Expense :	\$0.00

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

Labor :	\$86.25
Expense :	\$0.00

OK JS 9-6-16

East Goshen Municipal Authority
EGMA1504 Invoice Summary
Invoice Date 9/1/2016

Project: EGMA1504
Pennoni Job No.: Reservoir Rd PS Design & Permitting
Invoice No: 707483
Invoice Period: 7/18/2016 to 8/14/2016
Initial Authorization: \$ 167,120.00 **Date:** 9/1/2016
Contract Amount: \$ 178,120.00
Previously Invoiced: \$ 174,598.00
Current Invoice: \$ 86.25
Invoiced to Date (\$): \$ 174,684.25
Invoiced to Date (%): 98.07%
Remaining Budget (\$): \$ 3,435.75
Remaining Budget (%): 1.93%

Budget by Phase:

Phase Name:	Permitting	Phase 12
Phase Budget:	\$ 35,460.00	
Previously Invoiced:	\$ 33,428.50	
Current Invoice:	\$ 86.25	
Invoiced to Date (\$):	\$ 33,514.75	
Invoiced to Date (%):	94.51%	
Remaining Budget (\$):	\$ 1,945.25	
Remaining Budget (%):	5.49%	

Comments: Evaluation of CCCD's E&S plan comment letter; and status updates with PADEP and Township on outstanding permit application reviews/approvals

Reservoir Road Pump Station Design & Permitting

INVOICE SUMMARY For Services Rendered through: 8/14/2016

Task No.	Activity	Contract Amount*	Invoiced Effort thru 8/14/2016	Remaining Budget (\$)	Remaining Budget (%)	Completed?
1	Concept Design	\$13,655.75	\$13,655.75	-	-	Yes
2	DEP WQM Pre-App. Meeting	\$1,300.00	\$1,300.00	-	-	Yes
3	Existing Conditions Survey	\$22,783.75	\$22,783.75	-	-	Yes
4	Sewer Stakeout in Easements	\$0.00	\$0.00	-	-	Scope eliminated
5	1636 Bow Tree Dr. Boundary Survey & Easement	\$4,020.00	\$4,020.00	-	-	Yes
6	Additional Boundary Surveys & Easements	\$0.00	\$0.00	-	-	Scope eliminated
7	Geotechnical Borings	\$4,000.00	\$4,000.00	-	-	Yes
8	Install Permanent Survey Benchmarks	\$0.00	\$0.00	-	-	Scope eliminated
9	Progress Design	\$29,450.00	\$29,450.00	-	-	Yes
10	Infiltration Testing	\$1,800.00	\$1,800.00	-	-	Yes
11	Final Design	\$65,650.50	\$64,160.25	\$1,490.25	2%	No**
12	Permitting	\$35,460.00	\$33,514.75	\$1,945.25	5%	No***
TOTAL		\$178,120.00	\$174,684.50	\$3,435.50	2%	

*After 12/14/2015 approved re-allocation of task budgets, 5/9/2016 approval of \$7,000 supplement, and 7/11/16 approval of \$4,000 supplement.

**Need to complete Bid Form and assemble full bid document package for Township once remaining permits are issued.

*** Remaining budget is an allowance to respond to any questions or comments that may arise on outstanding permits from regulatory agencies. NPDES permitting effort is believed to be complete, but the permit has not been issued yet. The other outstanding permits are the PADEP Water Quality Management (WQM) Permit, Army Corps of Engineers federal authorization on the Chester Creek Small Projects Joint Permit, and Chester County Conservation District E&S approval.



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 # : 707484
Invoice Date : 09/01/2016
Project : EGMA1601
Project Name : 2016 General Services

For Services Rendered through: 8/14/2016

Continued coordination with Sunoco regarding comments on proposed pipeline-sanitary sewer crossing conflicts; prepared August Engineer's Report; and evaluated possible causes & remediation and coordinated with vendors on RCSTP maintenance issues for disc filter socks, SBR pumps, and CIM bubbling. Project Engineer prepared for and attended August MA meeting. Follow-up to MA meeting regarding WWTP's with phosphorus limits of 0.3 mg/L or less.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	968.75
Expense :	0.00
Phase Total :	968.75

Amount Due This Invoice

\$968.75

Fee :	12,300.00
Prior Billings :	7,094.50
Current Billings :	968.75
Total Billings :	8,063.25

Phase : **** -- Professional Services

Labor

Class	Hours/ Units	Rate	Amount
Authority Engineer	3.25	115.00	373.75
Senior Engineer	1.00	110.00	110.00
Project Engineer	5.00	97.00	485.00
Labor Total:	9.25		968.75

Total Phase : **** -- Professional Services

Labor :	\$968.75
Expense :	\$0.00

Total Project : EGMA1601 -- 2016 General Services

Labor :	\$968.75
Expense :	\$0.00

OLC IRS 9-6-16

East Goshen Municipal Authority
EGMA1601 Invoice Summary
Invoice Date 09/1/2016

Project: EGMA1601
Pennoni Job No.: 2016 General Services
Invoice No: 707484
Invoice Period: 7/18/2016 to 8/14/2016
Initial Authorization: \$ 12,300.00 **Date:** 9/1/2016
Contract Amount: \$ 12,300.00
Previously Invoiced: \$ 7,094.50
Current Invoice: \$ 968.75
Invoiced to Date (\$): \$ 8,063.25
Invoiced to Date (%): 66%
Remaining Budget (\$): \$ 4,236.75
Remaining Budget (%): 34%

Budget by Phase:

Phase Name: 2016 General Services
Phase Budget: \$ 12,300.00
Previously Invoiced: \$ 7,094.50
Current Invoice: \$ 968.75
Invoiced to Date (\$): \$ 8,063.25
Invoiced to Date (%): 66%
Remaining Budget (\$): \$ 4,236.75
Remaining Budget (%): 34%

Comments: Continued coordination with Sunoco regarding comments on proposed pipeline-sanitary sewer crossing conflicts; prepared August Engineer's Report; and evaluated possible causes & remediation and coordinated with vendors on RCSTP maintenance issues for disc filter socks, SBR pumps, and CIM bubbling. Project Engineer prepared for and attended August MA meeting. Follow-up to MA meeting regarding WWTP's with phosphorus limits of 0.3 mg/L or less.



INVOICE

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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 # : 707485
Invoice Date : 09/01/2016
Project : EGMA1602
Project Name : 2016 Semi-Annual I&I Reports

For Services Rendered through: 8/14/2016

Analyzed permanent and portable meter data from April through July and prepared a draft semi-annual I&I report.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	1,991.50
Expense :	0.00
Phase Total :	1,991.50

Amount Due This Invoice

\$1,991.50

Fee :	11,200.00
Prior Billings :	3,874.00
Current Billings :	1,991.50
Total Billings :	5,865.50

Phase : **** -- Professional Services

Labor

Class	Hours/ Units	Rate	Amount
Authority Engineer	1.75	115.00	201.25
Graduate Engineer	23.25	77.00	1,790.25
Labor Total:	25.00		1,991.50

Total Phase : **** -- Professional Services

Labor :	\$1,991.50
Expense :	\$0.00

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

Labor :	\$1,991.50
Expense :	\$0.00

OK RS 9-6-16

East Goshen Municipal Authority
EGMA1602 Invoice Summary
Invoice Date
9/1/2016

Project: EGMA1602
Pennoni Job No.: 2016 Semi-Annual I&I Reports
Invoice No: 707485
Invoice Period: 7/18/2016 to 8/14/2016
Initial Authorization: \$ 11,200.00 **Date:** 9/1/2016
Contract Amount: \$ 11,200.00
Previously Invoiced: \$ 3,874.00
Current Invoice: \$ 1,991.50
Invoiced to Date (\$): \$ 5,865.50
Invoiced to Date (%): 52%
Remaining Budget (\$): \$ 5,334.50
Remaining Budget (%): 48%

Budget by Phase:

Phase Name: 2016 Semi-Annual I&I Reports
Phase Budget: \$ 11,200.00
Previously Invoiced: \$ 3,874.00
Current Invoice: \$ 1,991.50
Invoiced to Date (\$): \$ 5,865.50
Invoiced to Date (%): 52%
Remaining Budget (\$): \$ 5,334.50
Remaining Budget (%): 48%

Comments: Analyzed permanent and portable meter data from April through July and prepared a draft semi-annual I&I report.



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 # : 707486
Invoice Date : 09/01/2016
Project : EGMA1604
Project Name : White Chimneys MH Lining Bid Doc

For Services Rendered through: 8/14/2016

Office support, coordination, and part-time construction observation of manhole preparation and lining work from July 21, 2016 to August 11, 2016 for approx 8 of the manholes in White Chimneys.

Phase : 01 -- Construction Inspection & Support

Total Phase : 01 -- Construction Inspection & Support

Labor :	2,013.75
Expense :	0.00
Phase Total :	2,013.75

Amount Due This Invoice

\$2,013.75

Fee :	12,400.00
Prior Billings :	6,577.25
Current Billings :	2,013.75
Total Billings :	8,591.00

Phase : 01 -- Construction Inspection & Support

Labor

<u>Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Authority Engineer	1.25	115.00	143.75
Senior Engineering Technician	22.00	85.00	1,870.00
Labor Total:	23.25		2,013.75

Total Phase : 01 -- Construction Inspection & Support

Labor :	\$2,013.75
Expense :	\$0.00

Total Project : EGMA1604 -- White Chimneys MH Lining Bid Doc

Labor :	\$2,013.75
Expense :	\$0.00

OLC TRS 9-6-16

East Goshen Municipal Authority
EGMA1604 Invoice Summary
Invoice Date 09/1/2016

Project: EGMA1604
Pennoni Job No.: White Chimneys MH Lining Bid Doc
Invoice No: 707486
Invoice Period: 7/18/2016 to 8/14/2016
Initial Authorization: \$ 4,400.00 **Date:** 9/1/2016
Contract Amount: \$ 12,400.00
Previously Invoiced: \$ 6,577.25
Current Invoice: \$ 2,013.75
Invoiced to Date (\$): \$ 8,591.00
Invoiced to Date (%): 69%
Remaining Budget (\$): \$ 3,809.00
Remaining Budget (%): 31%

Budget by Phase:

Phase Name: White Chimneys MH Lining Bid Doc
Phase Budget: \$ 12,400.00
Previously Invoiced: \$ 6,577.25
Current Invoice: \$ 2,013.75
Invoiced to Date (\$): \$ 8,591.00
Invoiced to Date (%): 69%
Remaining Budget (\$): \$ 3,809.00
Remaining Budget (%): 31%

Comments: Office support, coordination, and part-time construction observation of manhole preparation and lining work from July 21, 2016 to August 11, 2016 for approx 8 of the manholes in White Chimneys.



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

TO MA 8-9-16

THIS INVOICE WAS PAID
Rick

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
08/03/2016
Client No: 6604-001R
Invoice No. 150235

General Authority Services

Fees

		Hours	
07/05/2016			
PMM	Email from R Smith with minutes for WGMA meeting.	0.20	
07/11/2016			
JKW	Prepare for and attend meeting.	2.60	
	For Current Services Rendered	2.80	560.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Jessica K. Wiesak	2.60	\$200.00	\$520.00
Patrick M. McKenna	0.20	200.00	40.00

Total Current Charges 560.00

Balance Due \$560.00

OK RS 8-9-16

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 August Financial Reports
Date: September 8, 2016

In August, the Municipal Authority recorded \$295 in revenue (all interest) and \$9,824 in expenses, including Reservoir Road Pump Station Engineering expenses of \$2,509 in expenses for a negative variance of \$2,215. As of August 31st, the fund balance was \$1,419,779, of which \$1,374,369 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
August 2016**

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
MUNICIPAL AUTHORITY BEGINNING FUND BALANCE			1,421,993.43	
RCSTP BUDGET				
REVENUE				
INTEREST EARNED - RCSTP EXPANSION	07341 1020	1,500.00	294.04	1,255.46
GRANT REVENUE	07392 0800	0.00	0.00	0.00
TOTAL REVENUE		1,500.00	294.04	1,255.46
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	294.04	1,255.46

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

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
OPERATING BUDGET				
REVENUE				
INTEREST EARNINGS	07341 1000	10.00	0.50	(32.53)
C.C. TAPPING FEES	07364 1100	4,000.00	0.00	4,000.00
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	25,000.00
TOTAL REVENUE		101,842.00	0.50	73,959.47
EXPENSES				
ADMINISTRATIVE WAGES	07424 1400	0.00	0.00	15,410.98
MISCELLANEOUS EXPENSE	07424 3000	3,000.00	0.00	1,641.62
MUNIC.AUTH.-AUDITING	07424 3110	9,500.00	0.00	8,900.00
ENGINEERING SERVICES	07424 3130	38,500.00	1,349.75	41,640.00
LEGAL SERVICES	07424 3140	9,000.00	560.00	6,372.79
M.C.-DVRFA-DEBT SERVICE	07471 1000	24,920.00	0.00	0.00
M.C.-DVRFA-INTEREST PAYMN	07472 1000	3,172.00	0.00	0.00
M.C.-DVRFA-INTEREST PAYMN	07472 1010	0.00	0.00	0.00
TOTAL EXPENSES		88,092.00	1,909.75	73,965.39
OPERATING NET RESULT		13,750.00	(1,909.25)	(5.92)

**EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER, PA
Municipal Authority
August 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	599.50	42,747.00
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	599.50	42,747.00
CAPITAL NET RESULT		(25,000.00)	(599.50)	(42,747.00)
MUNICIPAL AUTHORITY ENDING FUND BALANCE			1,419,778.72	

Report Date 09/08/16

GL Transaction Details

PAGE 1

MGRF18 run by BRIAN

8 : 53 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07341-1000			INTEREST EARNINGS			0.00				
		1601	JE 51240		0.43		02/01/16	INTEREST		INTEREST EARNED JANUARY 2016 07 FUND
		1601		0.00	0.43	-0.43				
		1602	51651		0.51		03/01/16	INTEREST		INTEREST EARNED FEBRUARY 2016 07 FUND
		1602		0.00	0.51	-0.94				
		1603	52095		0.51		04/04/16	INTEREST		INTEREST EARNED MARCH 2016 07 FUND
		1603		0.00	0.51	-1.45				
		1604	52568		0.62		05/03/16	INTEREST		INTEREST EARNED APRIL 2016 07 FUND
		1604		0.00	0.62	-2.07				
		1605	52983		0.18		06/03/16	INTEREST		INTEREST EARNED MAY 2016 07 FUND
		1605		0.00	0.18	-2.25				
		1606	53481		0.11		07/06/16	INTEREST		INTEREST EARNED JUNE 2016 07 FUND
			53487	36.00			07/06/16	BANK FEE		NSF FEE 7100.1000 JUNE 2016
		1606		36.00	0.11	33.64				
		1607	54001		0.61		08/04/16	INTEREST		INTEREST EARNED JULY 2016 07 FUND
		1607		0.00	0.61	33.03				
		1608	54496		0.50		09/07/16	INTEREST		INTEREST EARNED AUGUST 2016 07 FUND
		1608		0.00	0.50	32.53				

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Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07341-1000	****	***	*****	36.00	3.47	32.53				
07341-1020						0.00				
	1601		51240		110.59		02/01/16	INTEREST		INTEREST EARNED JANUARY 2016 07 FUND
	1601			0.00	110.59	-110.59				
	1602		51651		103.56		03/01/16	INTEREST		INTEREST EARNED FEBRUARY 2016 07 FUND
	1602			0.00	103.56	-214.15				
	1603		52095		109.26		04/04/16	INTEREST		INTEREST EARNED MARCH 2016 07 FUND
	1603			0.00	109.26	-323.41				
	1604		52568		105.33		05/03/16	INTEREST		INTEREST EARNED APRIL 2016 07 FUND
	1604			0.00	105.33	-428.74				
	1605		52983		108.59		06/03/16	INTEREST		INTEREST EARNED MAY 2016 07 FUND
	1605			0.00	108.59	-537.33				
	1606		53468	5.00			07/06/16	BANK FEE		BANK INACTIVITY FEE - 7109.3000
			53481		134.88		07/06/16	INTEREST		INTEREST EARNED JUNE 2016 07 FUND
	1606			5.00	134.88	-667.21				
	1607		54001		294.21		08/04/16	INTEREST		INTEREST EARNED JULY 2016 07 FUND
	1607			0.00	294.21	-961.42				
	1608		54496		294.04		09/07/16	INTEREST		INTEREST EARNED AUGUST 2016 07 FUND

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Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
1608				0.00	294.04	-1,255.46				
07341-1020	****	***	*****	5.00	1,260.46	-1,255.46				
07364-1100	C.C.		TAPPING FEES			0.00				
1606	RE	53151			2,000.00		06/15/16	53151 1		TAP IN FEE - 1329 N CHESTER RD
1606				0.00	2,000.00	-2,000.00				
1607		53688			2,000.00		07/15/16	53688 1		TAP IN FEE FOR 1631 HUNTER CIR
1607				0.00	2,000.00	-4,000.00				
07364-1100	****	***	*****	0.00	4,000.00	-4,000.00				
07364-1110	R.C.		TAPPING FEES			0.00				
1601	CR	51204			5,004.00		01/28/16	1247	7875 1	SUNNY RIDGE FARMS LLC
1601				0.00	5,004.00	-5,004.00				
1602	RE	51557			7,148.00		02/23/16	51557 1		TAP IN FEE-957 CORNWALLIS DR
1602				0.00	7,148.00	-12,152.00				
1606		53228			24,000.00		06/20/16	53228 1		TAP IN FEE - 300 NEW KENT DR
		53400			7,148.00		06/30/16	53400 1		TAP IN FEE - 946 CORNWALLIS DR
1606				0.00	31,148.00	-43,300.00				
07364-1110	****	***	*****	0.00	43,300.00	-43,300.00				
07364-1130	CONNECTION FEES - SEWER					0.00				
1602	CR	51318			423.00		02/05/16	804	9354 1	GEORGE SMITH & CHRISTINA CONLE
		51322			423.00		02/05/16	344	9356 1	JACOBS, ROBERT & CHERYL
		51357			423.00		02/08/16	2435	9355 1	STOFFLET, MICHAEL
JE		51319	141.12				02/05/16	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
		51323	141.12				02/05/16	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT

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Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07364-1130	1602	JE	51358	141.12			02/08/16	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
	1602			423.36	1,269.00	-845.64				
	1607	CR	53616		423.00		07/13/16	126	9357	1 PAPPANO, JOSEPH & PATRICIA
		JE	53617	141.12			07/13/16	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
	1607			141.12	423.00	-1,127.52				
07364-1130	****	***	*****	564.48	1,692.00	-1,127.52				
07380-1000			MISCELLANEOUS REVENUE			0.00				
	1602		51319		141.12		02/05/16	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
			51323		141.12		02/05/16	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
			51358		141.12		02/08/16	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
	1602			0.00	423.36	-423.36				
	1607		53617		141.12		07/13/16	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
	1607			0.00	141.12	-564.48				
07380-1000	****	***	*****	0.00	564.48	-564.48				
07392-0500			TRANSFER FROM SEWER OPERATING			0.00				
	1603		52022		25,000.00		03/28/16	DEPOSIT		DEPOSIT TO MUNICIPAL ACCT.
	1603			0.00	25,000.00	-25,000.00				
07392-0500	****	***	*****	0.00	25,000.00	-25,000.00				
07424-1400			ADMINISTRATIVE WAGES			0.00				
		CD	51990	7,705.49			03/24/16	3013	425	EAST GOSHEN TOWNSHIP - GENERAL Q1 2016 REIMBURSEMENT FROM MUN.A
	1603			7,705.49	0.00	7,705.49				
	1606		53403	7,705.49			06/30/16	3021	425	EAST GOSHEN TOWNSHIP - GENERAL 2ND QTR. 2016 REIMBURSE - GEN. F

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Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
1606				7,705.49	0.00	15,410.98				
07424-1400	****	***	*****	15,410.98	0.00	15,410.98				
07424-3000						0.00				
										MISCELLANEOUS EXPENSE
1601			50894	978.00			01/04/16	3004	2132	PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOC
										2016 ACTIVE MEMBERSHIP DUES
			51002	163.62			01/18/16	3005	2967	SAFEGUARD
										CHECK ORDER FEE
			51028	500.00			01/14/16	3006	2737	COMMONWEALTH OF PA
										NPDES PERMITS -CHAP.92A 2016
										PERMIT# PA0050504
1601				1,641.62	0.00	1,641.62				
07424-3000	****	***	*****	1,641.62	0.00	1,641.62				
07424-3110						0.00				
										MUNIC.AUTH.-AUDITING
1604			52313	7,500.00			04/18/16	3015	808	MAILLIE FALCONIERO & CO.
										FINANCIAL STMT. EXAMINATION 2015
1604				7,500.00	0.00	7,500.00				
1607			53796	1,400.00			07/22/16	3026	808	MAILLIE FALCONIERO & CO.
										EXAMINATION OF 2015 FINANCIAL ST
1607				1,400.00	0.00	8,900.00				
07424-3110	****	***	*****	8,900.00	0.00	8,900.00				
07424-3130						0.00				
										ENGINEERING SERVICES
1602			51394	5,905.25			02/10/16	3008	1052	PENNONI ASSOCIATES INC.
										SERVICES THRU 1/17/16 RCSTP & PU
										STATION O&M MANUAL
			51527	1,063.75			02/23/16	3010	1052	PENNONI ASSOCIATES INC.
										SERV.THUR 12/13/16 2015 GEN.SER
1602				6,969.00	0.00	6,969.00				

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Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07424-3130	1603	CD	51813	9,874.50			03/15/16	3012	1052	PENNONI ASSOCIATES INC. SERVICES THRU 2/14/16 RCSTP PS O
	1603			9,874.50	0.00	16,843.50				
	1604		52227	6,491.75			04/12/16	3014	1052	PENNONI ASSOCIATES INC. SERV.THRU 3/20/16 WHITE CHIMNEY
	1604			6,491.75	0.00	23,335.25				
	1605		52696	4,342.25			05/10/16	3017	1052	PENNONI ASSOCIATES INC. SERVICE THRU 4/17/16 - RCSTP & P
	1605			4,342.25	0.00	27,677.50				
	1606		53185	10,003.25			06/17/16	3020	1052	PENNONI ASSOCIATES INC. SERVICE THRU 5/15/16 RCSTP & PUM STATION MANUAL
	1606			10,003.25	0.00	37,680.75				
	1607		53627	2,609.50			07/13/16	3024	1052	PENNONI ASSOCIATES INC. SERVICES THRU 6/19/16 RCSTP PERM
	1607			2,609.50	0.00	40,290.25				
	1608		54110	1,349.75			08/12/16	3028	1052	PENNONI ASSOCIATES INC. SERVICES THRU 7/17/16 RCSTP PERM
	1608			1,349.75	0.00	41,640.00				
07424-3130	****	***	*****	41,640.00	0.00	41,640.00				
07424-3140	LEGAL SERVICES					0.00				
	1601		51149	400.00			12/17/15	3007	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICES 12/14/15 - GEN.AU
	1601			400.00	0.00	400.00				
	1602		51503	480.00			02/19/16	3009	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE 1/11-1/29/16 GEN.A

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Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description

1602				480.00	0.00	880.00				
1603		51813		1,523.50			03/15/16	3011	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE FEB.2016 - GEN. AU

1603				1,523.50	0.00	2,403.50				
1604		52428		540.00			04/21/16	3016	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE MARCH 2016 GEN.AUT

1604				540.00	0.00	2,943.50				
1605		52806		1,080.00			05/20/16	3019	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE 4/7-4/15/16 GEN.AU

1605				1,080.00	0.00	4,023.50				
1607		53492		1,080.00			07/06/16	3022	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE MAY 2016 GEN.AUTH
		53796		709.29			07/22/16	3025	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE 56/9-6/15/16 GEN.A

1607				1,789.29	0.00	5,812.79				
1608		54110		560.00			08/12/16	3027	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE JULY 2016 GEN.AUTH

1608				560.00	0.00	6,372.79				

07424-3140	****	***	*****	6,372.79	0.00	6,372.79				

07428-1000	RESERVOIR PUMP STATION - ENGINEER					0.00				
1602		51395		2,565.50			02/10/16	103	1052	PENNONI ASSOCIATES INC. SERVICE THRU 1/17/16 RESERV.RD.P
		51528		16,747.75			02/23/16	104	1052	PENNONI ASSOCIATES INC. SERVICE THRU 12/13/15 RESERV.RD

1602				19,313.25	0.00	19,313.25				
1603		51812		1,934.75			03/15/16	105	1052	PENNONI ASSOCIATES INC. SERV. THRU 2/14/16 RESERV.RD PS PENNDOT HOP

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Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07428-1000	1603	CD	52048	1,000.00			03/30/16	106	1496	WILLIAM WOOD CO. SEWER EASEMENT -1636 BOW TREE DR
	1603			2,934.75	0.00	22,248.00				
	1604		52173	500.00			04/07/16	107	3110	COMMONWEALTH OF PENNSYLVANIA WQM PERMIT APPLICATION
			52226	3,972.75			04/12/16	108	1052	PENNONI ASSOCIATES INC. SERV. THRU 3/20/16 PH.11 RESERV PS DESIGN
			52469	1,050.00			04/25/16	109	3671	PENNDOT PERMIT - HOP APPLICATION #100373
	1604			5,522.75	0.00	27,770.75				
	1605		52695	6,629.75			05/10/16	111	1052	PENNONI ASSOCIATES INC. SERV. THRU 4/17/16 RESERVOIR RD
	1605			6,629.75	0.00	34,400.50				
	1606		53326	3,032.25			06/27/16	101	1052	PENNONI ASSOCIATES INC. SERV. THRU 5/15/16 RESERV.ROAD P
			53330	690.00			06/27/16	102	3242	PUSEY, DONALD EASEMENT - RESERVOIR RD. PS
	1606			3,722.25	0.00	38,122.75				
	1607		53631	4,024.75			07/13/16	1030	1052	PENNONI ASSOCIATES INC. SERV. THRU 6/19/16 RESERVOIR RD P
	1607			4,024.75	0.00	42,147.50				
	1608		54111	599.50			08/12/16	1040	1052	PENNONI ASSOCIATES INC. SERVICE THRU 7/17/16 RESERV.RD P
	1608			599.50	0.00	42,747.00				
07428-1000	****	***	*****	42,747.00	0.00	42,747.00				
Grand Total	117,317.87			75,820.41	41,497.46					

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Memo

East Goshen Township

Date: September 9, 2016
To: Municipal Authority
From: Rick Smith, Township Manager
Re: PA Small Water and Sewer Grants

The PA Department of Community Affairs and Economic Development have \$22,000,000 available for "shovel ready" projects that improve small public water and sewer system projects. Applications are due at the end of October.

Mark and I would suggest submitting applications for one and possible two projects.

The first is the installation of permanent meters in the Ridley Creek Sewer System to help monitor I&I.

The second would be the installation of bypass connections at one or more pump stations.

We can do most of the work with Township staff however we will need some technical assistance from Pennoni and we would request that you authorize an expenditure of up to \$4,000 for this effort.

PA Small Water and Sewer

Small Projects to Improve Public Water Supply and Sanitary Sewer Systems

Program Guidelines



July 2016

Commonwealth of Pennsylvania
Tom Wolf, Governor

Department of Community & Economic Development



pennsylvania
DEPARTMENT OF COMMUNITY
& ECONOMIC DEVELOPMENT

dced.pa.gov

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Section I – Statement of Purpose

Pursuant to Article XVII-A, § 1774.1-A, of the Act of April 9, 1929, P.L. 343, as amended (The Fiscal Code) the sum of \$22,000,000 was made available to the Commonwealth Financing Authority (the “Authority”) for water and sewer and projects with a cost of not less than \$30,000 and not more than \$500,000.

Section II – Eligibility

A. Eligible Applicants

Any of the following entities who will own the proposed project are eligible to apply for a grant.

1. **A Municipality** includes any city, township, borough, town, county, or home rule
2. **A Municipal Authority** includes any authority created by a municipality pursuant to the act known as the "Municipal Authorities Act"

B. Eligible Projects

Eligible projects are those which have a total project cost of not less than \$30,000 and not more than \$500,000 and involve the construction, improvement, expansion, repair, or rehabilitation of a water supply or sanitary sewer system which is owned and maintained by an eligible applicant. An eligible project also includes consolidation or regionalization of two or more water supply systems or sanitary sewer systems which are managed or operated as an integrated system regardless of whether the system is physically connected.

C. Eligible Use of Funds

Funds may be used by the applicant to pay for any of the following project costs:

1. Construction, improvement, expansion, repair, or rehabilitation of a water supply system or sanitary sewer system.
2. Installation of security measures.
3. Acquisition of land, rights-of-way and easements necessary to construct an eligible project.
4. Design costs not to exceed 10% of the grant amount.
5. Inspection costs related to the project.
6. Permit Fees.
7. Costs to secure appropriate bonds and insurance.
8. Administrative costs of the applicant that are necessary to administer the grant. Administrative costs will include advertising and, legal costs as well as documented staff expenses. Administrative costs shall not exceed 2% of the grant.

Ineligible costs include but are not limited to fees for securing other financing, interest on borrowed funds, and tap in fees.

Section III – Program Requirements

A. Matching Fund Requirement

An eligible applicant shall provide matching funds of not less than 15% of the total eligible project cost. The cash match may come from any other source including PENNVEST.

B. Planning Approvals

All recipients of funding are required to demonstrate in the application that the project is in compliance with regional, county and local comprehensive plans as evidenced by a letter from the appropriate local planning agency. If inconsistencies between plans exist, preference will be given to the approved county-level plans.

C. Other Requirements

1. Conflicts of Interest

An officer, director, or employee of an applicant who is a party to or who has a private interest in a project shall disclose the nature and extent of the interest to the governing body of the applicant and may not vote on any action of the applicant concerning the project nor participate in the deliberations of the applicant concerning the project.

2. Nondiscrimination

No assistance shall be awarded to an applicant under this program unless the applicant and project user certify to the Authority that they shall not discriminate against any employee or against any person seeking employment because of race, color, handicap, national origin, age or sex. All contracts for work to be paid with assistance must contain the commonwealth's official nondiscrimination clause.

3. Project Records

The applicant must maintain full and accurate records with respect to the project and must ensure adequate control over related parties in the project. The Authority requires access to such records, as well as the ability to inspect all work, invoices, materials, and other relevant records at reasonable times and places. Upon request of the Authority, the applicant must furnish all data, reports, contracts, documents, and other information relevant to the project.

4. Pennsylvania Prevailing Wage Act

All of the construction work associated with the project may be subject to the Pennsylvania Prevailing Wage Act, as determined by the Pennsylvania Department of Labor and Industry.

5. Proof of Notification

The applicant must provide proof that the county and host municipality or municipalities have been notified about the intended project.

6. Certification of Expenses

The applicant shall sign a payment request form certifying that the expenses were incurred and were in accordance with the scope of work approved by the CFA. In lieu of a formal project audit and prior to final closeout of the grant agreement, the applicant shall be required to submit copies of all canceled checks verifying the expenditure of the PA Small Water and Sewer Program proceeds. Bank statements may also be submitted if electronic payment of the expenditure occurred.

7. Bidding Requirements

Applicants must comply with all applicable federal, state, and local laws and regulations dealing with bidding and procurement.

8. Guideline Provisions

The PA Small Water and Sewer Program guidelines provisions may be modified or waived by the Authority unless otherwise required by law.

D. Fees

The Authority charges a \$100 non-refundable application fee for applications. Application fee is due at the time of submission.

Section IV – Grants

1. Grants are available for projects with a total cost of not less than \$30,000 and not more than \$500,000.
2. To be eligible for reimbursement, project costs must be incurred within the time frame established by the grant agreement.

Section V – Application Procedures

1. To apply for funding, the applicant must submit the electronic on line DCED Single Application for Assistance located at www.esa.dced.state.pa.us. Required supplemental information outlined in Appendix I of these guidelines must be attached electronically to the application as directed on the Addenda tab. For technical inquiries regarding the submission of the on-line application, contact the Customer Service Center at (800) 379-7448 or (717) 787-3405.

Once submitted, please print one (1) copy of the application, and send with the required supplemental information, and mail to:

PA Department of Community and Economic Development
Office of Business Financing – CFA Programs Division
PA Small Water & Sewer Program
Commonwealth Keystone Building
400 North Street, 4th Floor
Harrisburg, PA 17120-0225

Please reference the application ID number on any documents sent with the signature page.

2. Applications will be accepted between August 1st and October 31st, 2016. An application review schedule for the Authority meetings can be found at dced.pa.gov.

Section VI – Application Evaluation

All applications for financial assistance will be reviewed by the Authority to determine eligibility and competitiveness of the proposed project using the following criteria:

1. Project readiness.
2. Project is consistent with all local, state and regional comprehensive, regional resource management or economic development plans.
3. The cost-effectiveness of the proposed project when compared to other alternatives.
4. Whether the construction or repair [or consolidation] of a water or sewer project will enable customers of the system or regional system to be more efficiently served.
5. Whether the project serves existing populations or whether the project is intended to serve new development.
6. Whether the project will result in a substantiated positive economic development impact as evidenced by job creation and private investment.
7. The ability of the applicant to secure funding for the project.
8. The proactive implementation of practices to promote sustainability of the system such as asset management, water conservation, energy efficiency, and the use of nonstructural alternatives to minimize the amount of storm water that infiltrates into a system.

Section VII – Procedures for Accessing Funds

Following approval of an application by the Authority, a commitment letter will be issued to the applicant explaining the terms and conditions of the grant. The commitment letter must be signed and returned to the Authority within 45 days of the date of the commitment letter or the offer may be withdrawn by the Authority.

Following the acceptance of an offer by the applicant, a grant agreement will be sent by the Authority to the applicant for execution. The Authority will release funds to the applicant at not less than 30-day intervals.

Section VIII – Program Inquiries

Program inquiries should be directed to:

PA Department of Community & Economic Development
Office of Business Financing – CFA Programs Division
PA Small Water and Sewer Program
Commonwealth Keystone Building
400 North Street, 4th Floor
Harrisburg, PA 17120-0225

Telephone: (717) 787-6245

Fax: (717) 772-3581

E-mail: ra-dcedsitedvpt@pa.gov

These guidelines can also be accessed online at dced.pa.gov.

Appendix I – Supplemental Information

PA Small Water and Sewer Program

In addition to completing the Department's Single Application for Assistance, please include the following items when applying for a grant under the PA Small Water and Sewer Program:

- Exhibit 1:** Provide a description of the project which discusses all of the following: (a) the specific location of the project area; (b) whether the project is consistent with an existing county or local comprehensive plan; (c) whether the project will result in a substantiated positive economic development impact; (d) the historical and proposed use of land served by the project; (e) the estimated start and end dates of construction; (f) the names of the municipalities that will potentially benefit from the project; (g) how the project promotes the most efficient management of water resources and protects the health and safety of the citizens of the commonwealth; (h) the sound management practices implemented by the applicant in the past five years to enhance the long-term sustainability of the system including but not limited to energy efficiency improvements, water conservation, full cost pricing, asset management, and the installation of non-structural alternatives to minimize the amount of storm water that infiltrates the system; (i) whether the project serves existing populations or new development.
- Exhibit 2:** A detailed estimate for the total project cost. The estimate must be prepared by an engineer or other qualified professional and should be accompanied where appropriate by copies of the signed bid/quotations, contractor estimates, sales agreements or other documentation that verify project cost estimates.
- Exhibit 3:** Funding commitment letters for the required match, if available from all other project funding sources. Letters should include the term, rate, and collateral conditions and must be signed and dated. If the required match will be coming from the applicants own funds, please include a signed letter indicating such by an official of the organization.
- Exhibit 4:** A color-coded map detailing the location of the infrastructure, overlaid with the corresponding zoning of the project area.
- Exhibit 5:** The most recent audited financial statements of the applicant. Financial statement should include balance sheets, income statements and notes to financials.
- Exhibit 6:** A statement as to the amount of grant funding requested.
- Exhibit 7:** A letter from the appropriate planning agency certifying that the proposed project is in compliance with the comprehensive land use plans.
- Exhibit 8:** Provide a resolution duly adopted by the applicant's governing board formally requesting the grant, designating an official to execute all documents, describing briefly the project scope, and identifying the grant amount. (See Appendix II for a Sample Resolution).
- Exhibit 9:** A copy of all Local, State and Federal planning approvals and permits from the appropriate agencies.

Send one copy of completed application with all supplemental information and attachments to:

PA Department of Community and Economic Development
Office of Business Financing – CFA Programs Division
PA Small Water and Sewer Program
Commonwealth Keystone Building
400 North Street, 4th Floor
Harrisburg, PA 17120-0225

If you have any questions on completing the application, please call the CFA Programs Division at (717) 787-6245.

Appendix II – Authorized Official Resolution

Be it RESOLVED, that the _____ (Name of Applicant) of
_____ (Name of County) hereby request an PA Small Water and Sewer Program grant of
\$ _____ from the Commonwealth Financing Authority to be used for _____.

Be it FURTHER RESOLVED, that the Applicant does hereby designate _____ (Name and
Title) and _____ (Name and Title) as the official(s) to execute all documents and
agreements between the _____ (Name of Applicant) and the Commonwealth Financing
Authority to facilitate and assist in obtaining the requested grant.

I, _____, duly qualified Secretary of the _____ (Name of Applicant), _____
(Name of County) _____, PA, hereby certify that the forgoing is a true and correct copy of a
Resolution duly adopted by a majority vote of the _____ (Governing Body) at a
regular meeting held _____ (Date) and said Resolution has been recorded in the Minutes of the
_____ (Applicant) and remains in effect as of this date.

IN WITNESS THEREOF, I affix my hand and attach the seal of the _____ (Applicant), this _____
day of _____, 20____.

Name of Applicant

County

Secretary

NEW YORK
LONDON
SINGAPORE
PHILADELPHIA
CHICAGO
WASHINGTON, DC
SAN FRANCISCO
SILICON VALLEY
SAN DIEGO
SHANGHAI
BOSTON
HOUSTON
LOS ANGELES
HANOI
HO CHI MINH CITY

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FIRM and AFFILIATE OFFICES

GEORGE J. KROCULICK
DIRECT DIAL: +1 215 979 1386
PERSONAL FAX: +1 215 689 2910
E-MAIL: GJKroculik@duanemorris.com

www.duanemorris.com

FYI

ATLANTA
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NEWARK
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LAKE TAHOE
MYANMAR
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A GCC REPRESENTATIVE OFFICE
OF DUANE MORRIS

MEXICO CITY
ALLIANCE WITH
MIRANDA & ESTAVILLO
SRI LANKA
ALLIANCE WITH
GOWERS INTERNATIONAL

August 16, 2016

VIA CERTIFIED MAIL
RETURN RECEIPT REQUESTED

East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380

**Re: Notice of Intent to File Petition to Deposit Estimated Just Compensation in
the Court of Common Pleas of Chester County, Pennsylvania
Docket No. 2016-04706-RC**

To Whom It May Concern:

I write on behalf of Sunoco Pipeline L.P. to notify you of our intent to file a Petition to Deposit Estimated Just Compensation (the "Petition") with the Chester County Court of Common Pleas twenty (20) days after your receipt of this letter. Through this Petition, we will be seeking an order allowing Sunoco Pipeline L.P. to deposit the sum of \$3,000.00, representing the amount of estimated just compensation, to be paid into court.

On July 25, 2016, I sent Condemnee Hershey's Mill Homeowners Association a letter offering to pay estimated just compensation for the condemnation of permanent and temporary easements over a portion of its property located in East Goshen Township, Chester County, Pennsylvania, accomplished by the filing of a Declaration of Taking on May 17, 2016, in the Court of Common Pleas of Chester County, Pennsylvania. Along with this letter, I sent Condemnee a W-9 tax form to complete and return within ten (10) days of the date of the letter in order to receive payment of the estimated just compensation. To date, our office has not received the W-9 form, nor have we received any other communication from Condemnee regarding payment of the estimated just compensation. As a result, we intend to deposit the estimated just compensation into court.

Duane Morris

August 16, 2016
Page 2

Enclosed is a courtesy copy of the Petition we intend on filing. Should you have any questions, please contact me.

Very truly yours,



George J. Kroculick

Enclosures

IN THE COURT OF COMMON PLEAS OF CHESTER COUNTY, PENNSYLVANIA
CIVIL DIVISION – IN REM

IN RE: CONDEMNATION BY SUNOCO
PIPELINE L.P. OF PERMANENT AND
TEMPORARY RIGHTS OF WAY FOR THE
TRANSPORTATION OF ETHANE, PROPANE,
LIQUID PETROLEUM GAS, AND OTHER
PETROLEUM PRODUCTS IN EAST GOSHEN
TOWNSHIP, CHESTER COUNTY,
PENNSYLVANIA, OVER THE LANDS OF
HERSHEY'S MILL HOMEOWNERS
ASSOCIATION

EMINENT DOMAIN-IN REM
NO. 2016-04706-RC

ORDER GRANTING PETITION TO DEPOSIT ESTIMATED JUST COMPENSATION

AND NOW, this ____ day of _____, 2016, upon presentation of Condemnor Sunoco Pipeline L.P.'s Petition to Deposit Estimated Just Compensation, it is hereby **ORDERED** and **DIRECTED** that the sum of \$3,000, representing the amount of just compensation estimated by Condemnor Sunoco Pipeline L.P. to be due to Condemnee Hershey's Mill Homeowners Association, and/or interested parties from the condemnation of Condemnee's property, be paid into Court in an interest-bearing account, if available. No fee shall be charged against these funds. It is further **ORDERED** that the sum shall be held until further Order of Court directing full or partial payment to Condemnee and/or interested parties entitled to such payment pursuant to Sections 307, 521, and 522 of the Eminent Domain Code, 26 Pa.C.S. §§ 307, 521, 522.

BY THE COURT:

_____, J.

IN THE COURT OF COMMON PLEAS OF CHESTER COUNTY, PENNSYLVANIA
CIVIL DIVISION – IN REM

IN RE: CONDEMNATION BY SUNOCO
PIPELINE L.P. OF PERMANENT AND
TEMPORARY RIGHTS OF WAY FOR THE
TRANSPORTATION OF ETHANE, PROPANE,
LIQUID PETROLEUM GAS, AND OTHER
PETROLEUM PRODUCTS IN EAST GOSHEN
TOWNSHIP, CHESTER COUNTY,
PENNSYLVANIA, OVER THE LANDS OF
HERSHEY'S MILL HOMEOWNERS
ASSOCIATION

: EMINENT DOMAIN–IN REM
:
: NO. 2016-04706-RC
:
:
:
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PETITION TO DEPOSIT ESTIMATED JUST COMPENSATION

Pursuant to Section 522(a)(1) of the Eminent Domain Code, 26 Pa.C.S. § 522(a)(1), Sunoco Pipeline L.P. ("Sunoco Pipeline"), by and through its undersigned counsel, hereby petitions to deposit estimated just compensation into Court, and in support thereof avers as follows:

1. On May 17, 2016, Sunoco Pipeline L.P. filed a Declaration of Taking in the above-caption case, condemning a permanent easement over property owned by Hershey's Mill Homeowners Association ("Condemnee") in East Goshen Township, Chester County, Pennsylvania.
2. Sunoco Pipeline has determined that the estimated just compensation for the condemned property is \$3,000.00.
3. Pursuant to Section 307 of the Eminent Domain Code, 26 Pa.C.S. § 307, Sunoco Pipeline offered Condemnee the full amount of Sunoco Pipeline's estimated just compensation as payment for damages relating to the taking, without prejudice to Condemnee's right to proceed to a final determination of just compensation. A true and correct copy of a letter offering Condemnee estimated just compensation is attached hereto as Exhibit A.
4. Condemnee has refused Sunoco Pipeline's offer, and Sunoco Pipeline has been unable to

make payment of estimated just compensation.

5. Pursuant to Section 522(a)(1) of the Eminent Domain Code, 26 Pa.C.S. § 522(a)(1), the Court may direct payment and costs into the Court upon Condemnee's refusal to accept payment of estimated just compensation.

6. As required by Section 522(a)(1) of the Eminent Domain Code, 26 Pa.C.S. § 522(a)(1), Sunoco Pipeline is attaching a schedule of proposed distribution showing all parties known to Sunoco Pipeline to have an interest in the condemned property.

7. I, George J. Kroclic, affirm that I am authorized to execute this Petition to Deposit Estimated Just Compensation on behalf of Sunoco Pipeline and that the averments contained and set forth in this Petition are true and correct to the best of my knowledge, information, and belief, and are made subject to the penalties provided in 18 Pa.C.S. § 4904, relating to unsworn falsification to authorities.

WHEREFORE, to assure Condemnor Sunoco Pipeline's possession of the condemned property, to which it is entitled under Section 307 of the Eminent Domain Code, 26 Pa.C.S. § 307, Sunoco Pipeline respectfully requests that the Court direct payment of the estimated just compensation into Court, to be held until further Order of Court directing payment of said amount, or any part thereof, to Condemnee Hershey's Mill Homeowners Association, and/or interested parties entitled thereto pursuant to Sections 307, 521, and 522 of the Eminent Domain Code, 26 Pa.C.S. §§ 307, 521, 522.

DUANE MORRIS LLP

George J. Kroclic (40112)
E-mail: gikroclic@duanemorris.com
Michael J. McCalley (93956)
E-mail: mjmccalley@duanemorris.com
30 South 17th Street
Philadelphia, PA 19103-4196
Telephone: (215) 979-1000
Fax: (215) 979-1020

*Attorneys for Condemnor
SUNOCO PIPELINE L.P.*

Date: _____, 2016

EXHIBIT A

**SCHEDULE OF PROPOSED DISTRIBUTION OF ESTIMATED JUST
COMPENSATION**

Name and Address of Condemnee: Hershey's Mill Homeowners Association
1500 Green Hill Road
West Chester, PA 19380

Location of Condemned Property: 401 Chandler Drive
West Chester, PA 19380
Tax Parcel I.D. #53-02-0025.0300

Estimated Just Compensation: \$3,000.00

Encumbrances			
Type	Recording Information	Name and Address of Interested Party	Record Amount Due
Open-End Mortgage	Recorded Volume 8202, Page 1944	Meridian Bank 9 Old Lincoln Hwy, Malvern, PA 19355	\$1,285,000.00

NEW YORK
LONDON
SINGAPORE
PHILADELPHIA
CHICAGO
WASHINGTON, DC
SAN FRANCISCO
SILICON VALLEY
SAN DIEGO
SHANGHAI
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HOUSTON
LOS ANGELES
HANOI
HO CHI MINH CITY

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MYANMAR
OMAN
*A GCX REPRESENTATIVE OFFICE
OF DUANE MORRIS*

MEXICO CITY
ALLIANCE WITH
MIRANDA & ESTAVILLO
SRI LANKA
ALLIANCE WITH
GOWERS INTERNATIONAL

July 25, 2016

VIA FEDEX

Robert C. F. Willson, Esq.
Lentz, Cantor & Massey, Ltd.
460 E. King Road
Malvern, PA 19355

**Re: Declaration of Taking Filed May 17, 2016 in the Court of Common Pleas of
Chester County, Pennsylvania, Docket No. 2016-04706**

Dear Mr. Willson:

Because Sunoco Pipeline L.P. ("Sunoco Pipeline") has been unable to reach an agreement with your client, Hershey's Mill Homeowners Association, for the purchase of an easement relating to the Mariner East 2 pipeline, Sunoco Pipeline has acquired the necessary interests by filing a Declaration of Taking at the aforementioned docket number. A copy of the Declaration of Taking is included with this letter.

As part of the condemnation process, your client has the right to receive a payment of \$3,000.00, the amount that Sunoco Pipeline estimates your client is entitled to as just compensation. This payment will be made to your client without in any way jeopardizing your client's right to petition the Court to appoint a Board of Viewers to determine the amount of damages to which it is entitled.

Enclosed is a W-9 tax form, which your client must complete to receive payment of the estimated just compensation. If your client wishes to receive the estimated just compensation, please have your client complete the W-9 form and return it to the undersigned within ten (10) days of the date of this letter. If your client does not apply for payment of the estimated just compensation within ten (10) days, the money will be deposited into the Court, where it may be held for your client by the Court. The money thus deposited may then be withdrawn only by your client's application to the Court.

DUANE MORRIS LLP

30 SOUTH 17TH STREET PHILADELPHIA, PA 19103-4196

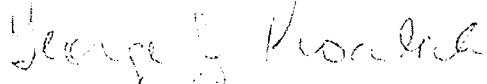
PHONE: +1 215 979 1000 FAX: +1 215 979 1020

Duane Morris

Robert C.F. Willson, Esq.
July 25, 2016
Page 2

Although we have filed a Declaration of Taking and may make payment to your client or into Court of the estimated just compensation, we remain willing to discuss settlement of your client's claim.

Very truly yours,


George J. Krocilick

Enclosures

cc: Meridian Bank (w/encls., Via Certified Mail)
West Chestnut Realty Corp. (w/encls., Via Certified Mail)
East Goshen Municipal Authority (w/encls., Via Certified Mail)
Hershey's Mill Golf Club, Inc. (w/encls., Via Certified Mail)

BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP
CHESTER COUNTY
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

FYI

August 30, 2016

Dear Property Owner:

The purpose of this letter is to inform you that the owner of 1349 Morstein Rd., West Chester, PA 19380, has submitted a Conditional Use Application to operate a Home Occupation for review and approval by the Township.

The property owner, John McDonald, has submitted a Home Occupation application to the Township which requires Conditional Use approval by the Board of Supervisors. Mr. McDonald proposes to operate a firearms transfer and sales business from his residence. Mr. McDonald is currently going through the Federal and State process to secure his licenses to sell firearms however this type of Home Occupation requires Township approval in addition to the State and Federal Licenses.

Pursuant to Township policy, property owners and residents within 1000 feet of the subject property are notified of Conditional Use applications.

The meeting dates and times scheduled for the review and discussion of this application are listed below:

September 7, 2016 - Planning Commission (7:30 PM)

September 20, 2016 - Board of Supervisors - Conditional Use Hearing (7:00 pm)

All meetings are held at the Township Building and are open to the public. The plan is available for review at the Township building during normal business hours. Please give me a call if you have any questions or need additional information.

Sincerely,



Mark A. Gordon
Township Zoning Officer

Cc: All Township Authorities, Boards and Commissions
Mimi Gleason, Township Manager, West Whiteland Township
John Nagle, Township Manager, East Whiteland Township