EAST GOSHEN MUNICIPAL AUTHORITY

June 10, 2013 Monday 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. APPROVAL OF MINUTES

a. May 13, 2013

4. <u>APPROVAL OF INVOICES</u>

a.	Pennoni #548281		\$	427.50
b.	Pennoni #548282		\$	393.75
c.	Pennoni #548283		\$	401.50
d.	Pennoni #548284		\$	4,429.25
e.	Pennoni #548285		\$	7,301.00
f.	Earthcore #6478	Paid #2179	\$	2,600.00
g.	PA DOT	Paid	\$	4,089.21
h.	Plymar Invoice #3 -	 MaryDell PS Project 	\$	50,608.00
	See Change Order #1 – This needs to be approved in			
	conjunction with th	e invoice.		

- 5. <u>LIAISON REPORTS</u>
- 6. FINANCIAL REPORTS
 - a. May 2013 Report
- 7. OLD BUSINESS
 - a. None
- 8. GOALS
 - a. May Goals
- 9. NEW BUSINESS
 - a. Proposal for Professional Services, Pennoni Reserve Pump Station Sanitary Sewer Diversion Construction Phase Services
 - b. Comp Plan Goals

10. <u>CAPACITY REQUESTS</u>

a. None

11. SEWER REPORTS

a. Director of Public Works Report

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- b. Pennoni Engineer's Report
- c. Big Fish Environmental Inc Report with DMR's
- d. East Goshen Township Flows for May 2013
- 12. ANY OTHER MATTER
- 13. CORRESPONDENCE AND REPORTS OF INTEREST
 - a. Change of Company Name Mallie
- 14. PUBLIC COMMENT
- 15. <u>ADJOURNMENT</u>

<u>Reminder</u> – NEWSLETTER ARTICLE SUBMISSION DUE DATES:

<u>Article Due Date</u>

<u>Website Posting Date</u>

1 2	draft EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY			
3	MEETING MINUTES			
4		May 13, 2013		
5				
6	The East Goshen Township Municipal Aut	thority held their regularly scheduled meeting on		
7	Monday, May 13, 2013 at 7:00 pm at the E	east Goshen Township building. Members in		
8	attendance were: Chairman Fran Beck, Jac	ck Yahraes, Dana Pizarro, and Ed McAssey. Also in		
9 10	attendance were: Rick Smith (Township I	Manager), Bob Adams, (Solicitor), Dan Barbato		
11	(Pennoni), Scott Towler (BFES), and Walt	er Wujcik (Conservancy Board).		
12	COMMON ACRONYMS:			
13	BFES – Big Fish Environmental Services	MA- Municipal Authority		
14	BOS – Board of Supervisors	NPDES – National Pollutant Discharge Elimination System		
15	CB – Conservancy Board	PC-Planning Commission		
16 17	DEP – Department of Environmental Protection EPA – Environmental protection Agency	PR – Park & Recreation Board		
18	HC – Historical Commission	RCSTP — Ridley Creek Sewer Treatment Plant SBR — Sequencing Batch Reactor		
19	I&I Inflow & Infiltration	SSO – Sanitary System Overflow		
20 21	LCSTP – Lochwood Chase Sewer Treatment Plant	WAS — Waste Activated Sludge		
22	Call to Order & Pledge of Allegiance			
23		and led those present in the Pledge of Allegiance.		
24	There was a moment of silence to remember	er the troops. Fran asked if anyone would be		
25	recording the meeting and there was no res	ponse.		
26	and the responde.			
27	Chairman's Report			
28	1. Fran received the annual report from PLGIT and made it available for anyone to review.			
29	2. Jack attended the West Goshen meeting. The judge put their case in suspense. There is a			
30	similar case in Iowa that will bring lots of c			
31	3. Ed and Dana attended the PMAA meeting. Ed learned about PMAA and that stormwater is a			
32 33	big issue. Dana reported that there are several bills ready to deal with the mismanagement in			
34	A Lack has been absolving on the years at 1	ents, and fines if the flow is more than anticipated.		
35	job his is doing.	Paoli Pk and Boot Rd and complimented Matt for the		
36	Joo his is doing.			
37	Approval of Minutes			
38		April 8, 2013 meeting were approved as corrected.		
39		ripin o, 2010 mooning were approved as corrected.		
40	Approval of Invoices			
41	1. Jack moved to approve payment of 8 Pennoni invoices:			
42	#546001 \$1,120	6.50		
43		7.75		
44		7.50		
45 46		2.50		
46 47	#546005 \$2,38°			
47 48	#546006 \$5,353 #546007 \$ 976			
70	#546007 \$ 976	0.30		

- Dana seconded the motion. Dana feels that there are 3-4 invoices that can be closed so the funds can be used elsewhere. Rick will have a list for the next meeting. The motion passed unanimously.
- 5 2. Jack moved to authorize payment of the Reserve at Spring Meadows HOA invoice for
- 5 \$1,455.00 and authorize execution of the easement agreement. Ed seconded the motion. The motion passed unanimously.
- 8 3. Dana moved to approve payment of the Gawthrop Greenwood invoice #108506 for
- 9 \$3,364.00. Jack seconded the motion. The motion passed unanimously.
- 10 4. Jack moved to approve payment of the Plymar invoice Marydell Diversion for \$79,704.00.
- Dana seconded the motion. The motion passed unanimously.

1213 <u>Liaison Reports</u>

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1. Conservancy Board – Walter reported that the Board did some maintenance on the trees at Supplee Valley and planted trees along the creek bank. They are waiting for a quote from the company that sprays for invasives. This company has been taking care of the Blacksmith Shop area and they want a quote for the Reservoir Road preserve.

19 Financial Reports

1. Jon Altshul, CFO, provided reports with the following comment: The Municipal Authority recorded \$86,408.22 in expenses and \$110,008.80 in revenues (primarily from a transfer from the Sewer Capital Reserve Fund) in the month of April, a difference of \$23,600.58. The fund balance is now \$72,964.31. Rick mentioned that there is \$24,000 being held in escrow that doesn't show on the report. Dana commented that several items on the detail report weren't updated from last month.

Old Business

None

Goals

1. Newsletter – Dana will provide an article by June 1. Jack commented that since the paper newsletter was discontinued, it is apparent that people aren't reading the electronic version; i.e. the senior driving course was cancelled for the first time this year and there weren't as many volunteers for Keep East Goshen Beautiful Day. He is not interested in writing an article any more. Jack made a motion to send a letter to the Board of Supervisors asking them to consider reinstating the paper newsletter. Fran seconded the motion. The motion passed unanimously. Rick will write a draft letter.

39 New Business

- 1. Dana moved to approve the Contract Change Order for HMPS, contractor Delaware Valley Utility Contractors Inc. to install a 6" HDPE Polyball gate valve instead of cast iron which will decrease the contract price by \$502.38. Ed seconded the motion. The motion passed unanimously.
- 2. Jack moved to approve the proposal for Reserve Pump Station Diversion from Earthcore Services for:
 - a. Mobilization of ATV drill rig, tooling and crew \$800.00 LS

c. Portland, bentonite, asphalt (if required) - \$30.00/bag

upon verification of the contractor's insurance with East Goshen listed as additional insured. Dana seconded the motion. Rick mentioned that the fill will be done by Public Works. The motion passed unanimously.

3. Marydell Construction Phase Budget – Dan explained that some of the issues for Marydell are more complex than anticipated. For the remaining 6 weeks of the job, he estimates an additional cost of \$9,000.00. The original estimate was 4 hours/day for services and that time has increased. Rick mentioned that information from some of the utilities was inaccurate. Dana feels that there may be some issues already included in the bid and the contractor should pay for an additional time spent on the project. Jack moved to authorize \$9,000.00 for Pennoni's additional services to be paid using remaining funds from Pennoni budgets and then from the Capital Reserve. Dana seconded the motion. The motion passed unanimously.

Capacity Requests

None

Sewer Reports

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

Meters — The meters were read on a daily basis. The Reservoir Road meter was reading high due to debris on the probe. The portable flows are being read on a weekly basis Pump Stations — Were visited on a daily basis.

<u>CC Collection:</u> We have been televising the interceptor line from Wilson Drive to Westtown Way. We found a large amount of inflow behind 905 Airport Road. The repair was done last week. We were able to locate another 20 to 30 thousand gallons. Due to poor weather conditions we were not able to do the area between Baldwin Drive and Reservoir Road. I hope to complete that section in the next 2 weeks.

<u>R.C. Collection</u>: The sewer lines in the Hunt Country development were cleaned and televised. We found some minor inflow which we will correct.

All the pump stations were visited on a daily basis with no problems to report. Lenni Electric was utilized to replace the electric panel after we found that the breakers were in bad shape.

R.C. Plant: Nothing to report at this time.

Alarms: We received a total of 17 alarms

PA One Calls: We received 48 PA One calls for the month of April.

Rick mentioned that the Spinelli property on Line Rd has been purchased by Willistown for open space.

2. **Pennoni**: Dan Barbato provided the following engineer's report:

<u>Invoices</u>: Invoices with summaries are provided under separate cover.

<u>Ridley Creek Sewage Treatment Plant (RCSTP)</u> – Pennoni continues to coordinate with the Plant Operator and will provide operations assistance as needed. No issues were brought to our attention in April.

<u>Marydell PS Elimination</u> — We continued to perform office support and daily field observation of the sewer construction including shop drawing reviews, resolution of Paoli

1 Pike jack and boring casing misalignment, evaluation of contractor request to increase 2 depth of sewer along Paoli Pike to provide vertical flexibility on Boot Road jack and 3 bore, coordination of extra construction measures to be taken on Boot Road jack and bore 4 to minimize risk of misalignment, additional field meetings and coordination with PECO 5 to brace utility poles, multiple field meetings with Sunoco to locate active gas mains 6 along Boot Road and resolve requirements for protecting and observing mains during 7 jacking and boring, multiple gas main location test pits and an additional observation pit, 8 and coordination with PennDOT regarding traffic control concerns. 9 We also negotiated an agreed upon payment approach with the contractor, Ply-Mar 10 Construction, for the Sunoco-required observation pit during jacking and boring which 11 will include payment using bid items for "Miscellaneous Excavation and Backfill" and 12 "Soft Dig Test Pits" in addition to limited Time and Materials (T&M) work for 13 unforeseen conditions and new Sunoco requirements. 14 Ply-Mar began construction on March 26. They originally estimated 6-8 weeks to 15 complete the project; however, they have installed less than 50% of the sewer at the time 16 of this report (installed approx. 428 l.f. out of 955 l.f. total). We anticipate another 5-6 17 weeks from the time of this report to complete the project, estimated completion in late 18 June. The contract completion date is July 15. 19 We reviewed the contractor's second payment request and forwarded our 20 recommendation to the Township. 21 Hershey's Mill PS Diversion: We attended a pre-construction meeting with the 22 Township and contractor, Delaware Valley Utility Contractors (DVUC), on April 18. 23 We performed meeting follow-up tasks and pre-construction coordination including 24 review of DVUC's tax exempt status request, preparation of a project contact list, 25 notifications to Chester County Conservation District and PA Fish & Boat, review of 26 DVUC's pre-construction video, and an additional pre-construction field meeting with 27 DVUC regarding construction access and other matters. 28 Construction began May 7. We are performing daily field observation of the work. 29 DVUC directionally drilled approx. 600 feet from the Cornwallis Drive cul-de-sac to the 30 existing force main point of connection on the first day of work. The HDPE pipe is 31 expected to be pulled back through the drill hole by May 10, and cured-in-place manhole 32 lining of the two existing manholes is scheduled to begin May 13. DVUC estimates 4 33 weeks (from start of work on May 7) to complete the project. The contract completion 34 date is July 29, 2013. 35 We reviewed the remainder of shop drawings and construction submittals from the 36 contractor. We also reviewed the contractor's proposed material change for a gate valve 37 (from ductile iron to HDPE), and we negotiated a deduct change order with them. The 38 change order will be forwarded to the Authority for review and approval. 39 We also issued letters to unsuccessful bidders notifying them of the project award. 40 Reserve PS Elimination – There has been no activity on our part since the last report. We 41 submitted bid plans and near-final specifications to the Reserve at Spring Meadows HOA

<u>Semi-Annual I/I Report</u> – We received flow data from the first month of metering at new locations along the Chester Creek interceptor, and we are performing a cursory analysis

for review on April 8, but they have not provided a response or approval of the easement

as of the time of this report. The project will be put out to bid after the HOA has granted

easement.

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1		of the data at the time of this report. Our findings will be informally provided to the
2		Township via email.
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4		<u>Update</u> – Marydell – Dan reported that the bore under Paoli Pike is done. They are
5		waiting for the bore contractor to come back to do Boot Road. Matt has done a good job
6		of overseeing everything. July 15 is the completion date. Dana feels that, in the future,
7		utilities must be located before the project starts.
8		Hershey Mill – Today they started to fuse pipe. Matt reported that the manhole liner is
9		installed.
10		
11		Reserve – Rick will put an ad in the paper, open bids in June, and start the project in July.
12	3.	Rig Figh Environmental Complete Land Could To 1
13	٦.	Big Fish Environmental Services, Inc., Scott Towler presented a report for April
14		2013. The following is a summary:
15		Treatment Process Operation
		During March 2013 there were no exceedances of the final effluent discharge limitations
16		for outfall 001. There was no discharge from outfall 002.
17		The monthly average total phosphorus concentration was 0.29 mg/L as compared to the
18		discharge limitation of 0.5 mg/L. During the month, the final effluent total phosphorus
19		concentration discharged ranged from 0.16 mg/L to 0.37 mg/L.
20		During the month of April 2013 there are no anticipated non-compliance issues with
21		respect to the discharge permit limitations. It is noted that the final effluent CBOD5
22		collected on April 23 is under review due to suspected test error or contaminated sample.
23		The sample is being retested for CBOD5 including additional analysis for COD.
24		Transfer of treated effluent to the Applebrook Golf Course was initiated on April 26.
25		The Township Staff replaced the pump due to the original pump being seized and
26		drawing excessive amperage. The replacement pump is discharging an average of
27		167,926 gallons per day.
28		Composite samples of the influent wastewater pollutant concentrations and loading
29		entering the wastewater treatment facility are collected at the influent doghouse manhole.
30		The influent flow meter reading is collected from the SBR influent flow meter due to
31		inaccuracies with the field influent flow meter.
32		Sequencing batch reactors (SBRs) number 1, 3 and 4 were in service during the month of
33		March. Process monitoring of each SBR included ammonia as N, nitrite as N, Nitrate as
34		N, COD, SSV, MLSS and total phosphorus. Microscopic examinations and physical
35		observation of the SBR MLSS and foam color is ongoing. Foam concentrations
36		remained around the same concentration as during March. Present surface area coverage
37		during React Phase ranges from approx. 85 to 95%. The foam remains as light brown in
38		color and averages 2 to 4 inches in depth. The F:M ratios for SBR 3 and 4 were
39		increased to a range of 0.05 to 0.008 as lbs COD/lbs. MLSS increased sludge wasting
40		rates were implemented during the month to lower MTCC and increased studge wasting
41		rates were implemented during the month to lower MLSS and increase F:M ratios.
42		Daily monitoring of the influent and final effluent 24-hour composites samples for total
43		phosphorus is ongoing. Daily analysis of the final effluent flow equalization grab sample of total phosphorus is ongoing.
44		of total phosphorus is ongoing.
		Addition of aluminum sulfate solution to the SBRs to assist with phosphorus removal
45		continued. The volume of aluminum sulfate solution to the SBRs was decreased at the
46		end of April as settleability of the SBR MLSS and total phosphorus removal through the

1 disc filters improved. A year-to-date daily average of 41.2 gallons per day of aluminum 2 sulfate solution has been used in the SBRs and addition prior to filtration. 3 SBR No. 2 remains out of service. Transfer of the mixed liquor was implemented during 4 early April. However, removal of all of the tanks contents wasn't effective with the 5 available equipment. The tank was partially filled to allow for the blower to operate and 6 prevent odor production. 7 Process Monitoring On-Line Instrumentation - The ChemScan phosphate analyzer 8 remains on line. Comparison testing for reactive (ortho) and total phosphorus is ongoing. 9 On site comparison, monitoring is measuring a significant difference among the analyzer 10 data as compared to the onsite laboratory data. Dave Kershner was contacted to confirm 11 calibration of the analyzer and adjust if needed. Suspended solids within the post final 12 effluent feed to the flow floc tank and filters may be fouling the analyzer. 13 Solids Dewatering and Disposal – During the month, the centrifuge dewatering system 14 was placed in service. Sludge wasting to the sludge holding tanks and decanting of the sludge holding tanks was ongoing. Process monitoring included pH, total alkalinity and 15 16 total solids. 17 Sludge holding tank No.1 was in service. The level at the beginning of the month was 18 14.54 feet and the level at the end of the month was 10.84 feet. The initial total solids 19 concentration was 0.81% and ended the month as 0.63% total solids. A total of 46,200 20 gallons of supernatant was decanted during the month. 21 Sludge holding tank No. 2 was out of service. The level at the beginning of the month 22 was 1.57 feet and the level at the end of the month was 12.19 feet. The initial total solids 23 concentration was 0.53% and ended the month as 0.79% total solids. A total of 206,850 24 gallons of supernatant was decanted during the month. 25 Significant Storm Events – During April there were no significant precipitation events 26 contributing to excessive influent wastewater flows to the treatment facility. 27 Minor Repairs and Preventative Maintenance: 28 • Replaced the rear bearing, v-seal and O-rings on the centrifuge. Assistance was 29 provided to the Alfa-Laval technician. 30 • Jeff Bush from Worth & Co. was provided the hour meter information for replacement 31 of the failed analog hour meters (previous warranty issue left unresolved by Worth & 32 33 • Investigated malfunction with centrifuge control panel UPS. Coordinating with Alfa-34 Laval to determine corrective action. 35 • Township removed and replaced Applebrook pump. 36

• Determined signal loss between soda ash feed pump and Siemens control panel. This pump is not in use, however, efforts to reinstate the communication will be investigated during the month of May.

Scott commented that he will contact someone at Phoenixville to see what grease they use. He may change the valve grease.

Rick complimented Scott on the good job he is doing.

Dana mentioned to Dan that they need to give Scott notice when the diversions are ready to come to the plant.

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2	Any Other Matter
3	1. Jack mentioned that Bryan DelMonte, Conservancy Board member, has asked several
4	times if he can go online to see what's going on at the sewer plant. Scott mentioned that the
5	Wastewater Treatment Works Security Act provides for security of wastewater treatment plants
6	Scott's monthly report is available on the Township website. A letter will be sent to Bryan.
7	2. Dan mentioned that Mike Ellis will also be at the next MA meeting. Mike may
8	become the Pennoni rep for the MA.
9	•
10	Correspondence
11	None
12	
13	Adjournment
14	There being no further business, Jack moved to adjourn the meeting. Fran seconded the motion.
15	The motion passed unanimously. The meeting was adjourned at 8:30 pm.
16	T J J J J J J J J J J J J J J J J J J J
17	Respectfully submitted.
18	
19	
20	Ruth Kiefer
21	Recording Secretary



302-655-4451 Fax: 302-654-2895

Remit Payment To: Pennoni Associates Inc. 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 #: 548281

Invoice Date: 05/23/2013

Project: EGMA1107

Project Name: HersheyMill &Reserve PS Div Des

For Services Rendered through: 5/12/2013

Updated specifications for Reserve PS Diversion in preparation for bidding.

Phase: 1 -- Design

Total Phase: 1 -- Design

Labor: 427.50

Expense: 0.00 427.50

Phase Total:

Amount Due This Invoice

\$427.50

Fee:

69,200.00

Prior Billings: Current Billings: 64,733.75 427.50

Total Billings:

65,161.25

Phase: 1 - Design

Project Engineer

Labor Class

Hours/

Units 4.50

Rate 95.00 **Amount** 427.50

Labor Total:

4.50

427.50

Total Phase: 1 - Design

Labor:

\$427.50

Total Project : EGMA1107 -- HersheyMill &Reserve PS Div Des Per

Expense: Labor:

\$0.00 \$427.50

Expense:

\$0.00

OK RS 6-7-13

East Goshen Municipal Authority EGMA1107 Invoice Summary Invoice Date 05/23/2013

Project:	EGM	A1107		
Pennoni Job No.:	Hershey Mill & Reserve PS Div Des Per			
Invoice No:		548281		
Invoice Period:	4	1/14/2013	to	5/12/2013
Initial Authorization:	\$	60,200.00	Date:	7/7/2011
Contract Amount:	\$	69,200.00		, ,
Previously Invoiced:	\$	64,733.75		
Current Invoice:	\$ 427.50			
Invoiced to Date (\$):	\$	65,161.25		
Invoiced to Date (%):	94%			
Remaining Budget (\$):	\$	4.038.75		

6%

Budget by Phase:

Phase No.

Remaining Budget (%):

	He	rshey Mill &
Phase Name:		Reserve
Phase Budget:	\$	69,200.00
Previously Invoiced:	\$	64,733.75
Current Invoice:	\$	4 27.50
Invoiced to Date (\$):	\$	65,161.25
Invoiced to Date (%):		94%
Remaining Budget (\$):	\$	4,038.75
Remaining Budget (%):		6%

Comments: Updated specifications for Reserve PS Diversion in preparation for bidding.



302-655-4451 Fax: 302-654-2895

Remit Payment To: Pennoni Associates Inc. 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 #: 548282

Invoice Date: 05/23/2013

Project: EGMA1301

Project Name: 2013 General Services

For Services Rendered through: 5/12/2013

Engineer's report for May MA meeting. Reviewed "Sustainable Communities Assessment" and provided comments related to the sanitary sewer system.

Phase: **** -- Professional Services

Total Phase: **** -- Professional Services

Labor:

393.75

Expense:

0.00

Phase Total:

393.75

Amount Due This Invoice

\$393.75

Fee:

10,000.00

Prior Billings:

2,328.75

Current Billings: **Total Billings:**

393.75 2,722.50

Labor

Phase: **** -- Professional Services

Class

Senior Engineer

Hours/ Units

Rate 105.00 **Amount**

Labor Total:

3.75 3.75

393.75

393.75

Total Phase: **** -- Professional Services

Labor: Expense: \$393.75

Total Project : EGMA1301 - 2013 General Services

Labor:

\$0.00 \$393.75

Expense:

\$0.00

DKRS 6-7-13

East Goshen Municipal Authority EGMA1301 Invoice Summary Invoice Date 05/23/2013

Project:

EGMA1301

\$

\$

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\$

Pennoni Job No.:

2013 General Services

Invoice No:

548282

Invoice Period:
Initial Authorization:

4/14/2013 10,000.00 to **Date:**

5/12/2013 1/1/2013

Contract Amount: Previously Invoiced:

\$ 10,000.00 \$ 2,328.75 \$ 393.75

Current Invoice: Invoiced to Date (\$): Invoiced to Date (%): 393.75 2,722.50 27%

Remaining Budget (\$):

7,277.50

Remaining Budget (%):

73%

Budget by Phase:

Phase No.

2013 General Services

Phase Budget: Previously Invoiced:

Phase Name:

10,000.00 2,328.75

Current Invoice: Invoiced to Date (\$): 393.75 2,722.50

Invoiced to Date (%):

27%

Remaining Budget (\$):

7,277.50

Remaining Budget (%):

73%

Comments:

Engineer's report for May MA meeting. Reviewed "Sustainable Communities Assessment" and provided comments related to the sanitary sewer system.



302-655-4451 Fax: 302-654-2895

Remit Payment To: Pennoni Associates Inc. 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 #: 548283

Invoice Date: 05/23/2013

Project: EGMA1302

Project Name: 2013 Semi-Annual I&I Reports

For Services Rendered through: 5/12/2013

Analyzed initial data from first month of relocated portable meters in Chester Creek sewer system and prepared email summary of findings.

Phase: **** -- Professional Services

Total Phase: **** -- Professional Services

Labor: 401.50

Expense:

0.00

Phase Total:

401.50

Amount Due This Invoice

\$401.50

Fee:

10,000.00

Prior Billings:

5,633.75

Current Billings:

401.50

Total Billings:

6,035.25

Phase: **** -- Professional Services

Labor

Hours/

Class

Units Rate 5.50 73.00

Amount 401.50

Labor Total:

5.50

401.50

Total Phase: **** -- Professional Services

Labor:

\$401.50

Graduate Engineer

Total Project: EGMA1302 - 2013 Semi-Annual I&I Reports

Expense: Labor:

\$0.00 \$401.50

Expense:

\$0.00

01c RS 6-7-13

East Goshen Municipal Authority EGMA1302 Invoice Summary Invoice Date 05/23/2013

Project:

EGMA1302

Pennoni Job No.:

2013 Semi-Annual I&I Reports

Invoice No:

548283

Invoice Period:

4/14/2013 10,000.00

to

5/12/2013

Initial Authorization:
Contract Amount:

\$ 10,000.00 \$ 10,000.00 Date:

1/1/2013

Previously Invoiced:

\$ 5,633.75 \$ 401.50

\$

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Current Invoice: Invoiced to Date (\$):

\$ 6,035.25

Invoiced to Date (%): Remaining Budget (\$): 60% 3,964.75

Remaining Budget (%):

40%

Budget by Phase:

Phase No.

Phase Name:

2013 Semi-Annual I&I Reports

Phase Budget: Previously Invoiced:

10,000.00 5,633.75

Current Invoice: Invoiced to Date (\$):

401.50 6,035.25

Invoiced to Date (%):

60%

Remaining Budget (\$):

3,964.75

Remaining Budget (%):

40%

Comments:

Analyzed initial data from first month of relocated portable meters in Chester Creek

ewer system and prepared email summary of findings.



302-655-4451 Fax: 302-654-2895

Remit Payment To: Pennoni Associates Inc. 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 #: 548284

Invoice Date: 05/23/2013 Project: EGMA1304

Project Name: Hershey Mill PS Div Construction

For Services Rendered through: 5/12/2013

Performed on-site daily part-time construction observation; reviewed shop drawings and contractor's proposed alternative product for gate valve (HDPE instead of ductile iron), negotiated and prepared deduct Change Order #1 for alternative gate valve, coordinated response to contractor's tax exempt status request, conducted pre-construction meeting at Township building with Township staff and contractor, and attended separate follow-up pre-construction meeting on-site with contractor and Township staff.

Phase: **** -- Professional Services

Total Phase: **** -- Professional Services

4,429.25 Labor:

Expense: 0.00

Phase Total: 4,429,25

Amount Due This Invoice \$4,429,25

Fee:

20.000.00

Prior Billings: 3,557.00 **Current Billings:** 4,429.25

Total Billings:

7,986,25

Phase: **** -- Professional Services

Labor	Hours/		Amount	
Class	Units	Rate		
Senior Engineer	13.00	105.00	1,365.00	
Project Engineer	4.50	95.00	427.50	
Technical Specialist	23.50	75.00	1,762.50	
Graduate Engineer	11.25	73.00	821.25	
Survey Technician	1.00	53.00	53.00	
Labor Total:	53.25		4,429.25	

Total Phase: **** -- Professional Services Labor: \$4,429.25

Expense: \$0.00

Total Project : EGMA1304 - Hershey Mill PS Div Construction Ph \$4,429.25 Labor:

> ole RS Expense: \$0.00

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

East Goshen Municipal Authority EGMA1304 Invoice Summary Invoice Date 05/23/2013

Project:

EGMA1304

Pennoni Job No.:

Hershey Mill PS Div Construction Phase

Invoice No:

548284

Invoice Period:

4/14/2013 20,000.00 to **Date:**

5/12/2013 1/16/2013

Initial Authorization:
Contract Amount:

\$ 20,000.00

\$ 20,000.00 \$ 3,557.00

Previously Invoiced: Current Invoice: Invoiced to Date (\$):

\$ 4,429.25 \$ 7,986.25

\$

Invoiced to Date (%):

40%

Remaining Budget (\$):

12,013.75

Remaining Budget (%):

60%

Budget by Phase:

Phase No.

Hershey Mill PS Div Phase Name: **Construction Phase** \$ Phase Budget: 20,000.00 Previously Invoiced: \$ 3,557.00 **Current Invoice:** \$ 4,429.25 Invoiced to Date (\$): \$ 7,986.25 Invoiced to Date (%): 40% Remaining Budget (\$): \$ 12,013.75

Remaining Budget (%):

60%

Comments:

Performed on-site daily part-time construction observation; reviewed shop drawings and contractor's propo alternative product for gate valve (HDPE instead of ductile iron), negotiated and prepared deduct Change Order #1 for alternative gate valve, coordinated response to contractor's tax exempt status request, conducted pre-construction meeting at Township building with Township staff and contractor, and attended separate follow-up pre-construction meeting on-site with contractor and Township staff.



INVOICE

302-655-4451 Fax: 302-654-2895

Remit Payment To: Pennoni Associates Inc. 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 #: 548285

Invoice Date: 05/23/2013

Project: EGMA1305

Project Name: Marydell PS Diversion Construction

For Services Rendered through: 5/12/2013

Performed on-site daily part-time construction observation; coordinated gas main locating with Sunoco including multiple field utility mark-outs, soft dig test pits, excavated drilling observation pit, and multiple field meetings; reviewed Payment Application #2; and coordinated approach to Boot Rd jack & bore with contractor to minimize risk of pipe misalignment.

Phase: **** -- Professional Services

Total Phase: **** -- Professional Services

Labor :

7,301.00

Expense :

0.00

Phase Total:

7,301.00

Amount Due This Invoice

\$7,301.00

Fee

29,000.00

Prior Billings :

13.368.00

Current Billings:

7,301.00

Total Billings:

20,669.00

Phase: **** -- Professional Services

Labor	Hours/			
Class	Units	Rate	Amount	
Senior Engineer	9.00	105.00	945.00	
Project Engineer	2.50	95.00	237.50	
Technical Specialist	67.00	75.00	5,025.00	
Graduate Engineer	6.00	73.00	438.00	
Project Representative/Inspector	9.50	69.00	655.50	
Labor Total:	94.00		7,301.00	

Total Phase: **** -- Professional Services

Labor :

\$7,301.00

Expense:

\$0.00

Total Project: EGMA1305 -- Marydell PS Diversion Construction

Labor :

\$7,301.00

Expense:

\$0.00

OK RS 6-7-13

East Goshen Municipal Authority EGMA1305 Invoice Summary Invoice Date 05/23/2013

Project: EGMA1305

Pennoni Job No.: Marydell PS Diversion Construction

Invoice No: 548285

 Invoice Period:
 4/14/2013
 to
 5/12/2013

 Initial Authorization:
 \$ 29,000.00
 Date:
 1/16/2013

\$ **Contract Amount:** 29,000.00 **Previously Invoiced:** \$ 13,368.00 \$ **Current Invoice:** 7,301.00 Invoiced to Date (\$): \$ 20,669.00 Invoiced to Date (%): 71% Remaining Budget (\$): \$ 8,331.00 Remaining Budget (%): 29%

Budget by Phase:

	Maryo	dell PS Diversion
Phase Name:	-	onstruction
Phase Budget:	\$	29,000.00
Previously Invoiced:	\$	13,368.00
Current Invoice:	\$	7,301.00
Invoiced to Date (\$):	\$	20,669.00
Invoiced to Date (%):		71%
Remaining Budget (\$):	\$	8,331.00
Remaining Budget (%):		29%

Comments:

Performed on-site daily part-time construction observation; coordinated gas main locating with Sunoco including multiple field utility mark-outs, soft dig test pits, excavated drilling observation pit, and multiple field meetings; reviewed Payment Application #2; and coordinated approach to Boot Rd jack & bore with contractor to minimize risk of pipe misalignment.



3626

1458 Shaner Drive Pottstown, PA 19465 p (610) 404-2570 f (610) 404-2580 rick@earthcoreusa.com

5/22/2013

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

6478

Job: RPSD

Completion Date: 5/22/2013

Mobilization ATV rig, probes - 1 day @ \$1800/day 800.00

1,800.00

APPROVED BY:_____ DATE PAID:_____ CHECK #:_ CHARGED TO:_07427_1000

OK TO PAY

TS

5/23/13

Total:

\$2,600.00

CK # 2179

Thank you for your business. Prompt payment is appreciated and will result in the best rates on future projects. If full payment is not received within agreed upon terms, interest shall be charged at the legal rate allowed. The customer is responsible for all reasonable attorney fees and collection costs incurred.

INVOICE

SEND PAYMENT TO: PA DEPARTMENT OF TRANSPORTATION OFFICE OF COMPTROLLER OPERATIONS AR PENNDOT - NON-APRAS PO BOX 15758

HARRISBURG, PA 17105

36205

PAGE NO

INVOICE DATE	
05/10/2013	

JOB NO. 731

INVOICE NO. 1801380439

Ship to:

APPROVED BY: DATE PAID:

CHECK #:

Bill to:

EAST GOSHEN MUNICIPAL CHAPTOED TO: 07425

1580 PAOLI PIKE

WEST CHESTER PA 19380

CUSTOMER ACCOUNT NO. 78001133

CUSTOMER ORDER NO. 06080224

CUSTOMER ACCOUNT CODE 610-205-6792

JOB DESCRIPTION AND TERMS:

INDIV & COMPANIES - SERVICES RENDERED (INSPECTION)

*** Include Invoice Number on your remittance or attach a copy of the invoice with your payment. For questions concerning this invoice, telephone the number located in the Customer Account Code box above. ***

DOC ID	DESCRIPTION	REFERENCE	AMOUNT
	INSTALL SUB-SURFACE SEWER FAC	CILITY SR 2014	1,144.76 1,159.45 1,785.00
	may Dell Diversion Inspection	NOTE! THIS	S INVOICE 1910

MAKE

PA DEPARTMENT OF TRANSPORTATION

PAYMENT TO:

TOTAL AMOUNT DUE

4,089.21

REVENUE CODE:

ACCOUNT CODE:

olc RS 6-7-13

M-371A (11-03) PENNDOT

APPLICATION REVIEW/ PERMIT INSPECTION COSTS

MIT INSPECTION COSTS	
HIGHWAY OCCUPANCY PERMIT	·
BRIDGE OCCUPANCY LICENSE	
APPLICATION REVIEW	

CENTRAL OFFICE USE ONLY

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NAME OF APPL	.ICANT/PERM	ITEE			INSPECTOR DEPAR	TMENT	APPLIC	CATION/PERMIT/	LICENSE NUMBER	
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M-371A (11-03) PENNDOT

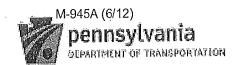
APPLICATION REVIEW/ PERI

V	IIT INSPECTION COSTS	
]	HIGHWAY OCCUPANCY PERMIT	
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CENTRAL OFFICE USE ONLY

	APPLICATION REVIEW		
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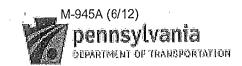


Highway Occupa	Highway Occupancy Permit					
Name and Address of Permittee:	County: Chester	Issue Date: 8/16/2012				
East Goshen Municipal Authority	County Contact Number: (484) 340-3220	Expiration Date: 8/16/2013				
1580 Paoli Pike	Issuing District Office: 06	Application Number: 15627				
West Chester, PA 19380	District Contact Number: (610) 205-6795	Account Number:				
Treat Chester, 111 1990	Municipalities: EAST GOSHEN Township	Permit Fee: 0.00				

Immediately upon completion of the work Permittee shall notify the permit office where application was made. Subject to all the conditions, restrictions, and regulations prescribed by the Pennsylvania Department of Transportation, (see in particular 67 Pa. Code, Chapter 212, 441 and 459 and State Highway Law, 36 P.S. Section 670 - 411, 420 and 421) and subject to the plans, special conditions, or restrictions herein set forth or attached hereto. This permit shall be located at the work site and shall be available for inspection by any police officer or Department representative.

Loca	tion and Desc	ription of Work	Permit No. 06080224		
1 of 2	State Route #: Segment(s): Offset(s):	2014 From 0060 To 0060 From 0030 To 0533	641: Install Sub-surface Sewer Facility at		
2 of 2	State Route #: Segment(s): Offset(s):	2020 From 0170 To 0170 From 0050 To 0050	641: Install Sub-surface Sewer Facility at		

Permit	Conditions	Permit No. 06080224			
1 of 12	PERMITTEE IS RESPONSIBLE FOR ENSURING THAT MUD, SILT AND O'VEHICLES AND TIRES (BY POWER WASH, ETC.) BEFORE ENTERING O	THER DEBRIS IS REMOVED FROM NTO THE HIGHWAY.			
2 of 12	BEFORE DETOUR IS SET UP, PERMITTEE MUST NOTIFY NEWS MEDIA, EMERGENCY SERVICES, AND AFFECTED SCHOOL DISTRICTS.				
3 of 12	NO LANES MAY BE RESTRICTED BETWEEN THE HOURS OF 6:00 AMTO 3:00 PM TO 6:00 PM.	O 9:00 AM OR BETWEEN THE HOURS OF			
4 of 12	ALL DISTURBED AREAS OUTSIDE THE PAVEMENT OR SHOULDER SH AT LEAST EQUAL TO THATWHICH EXISTED BEFORE THE START OF V	ALL BE RESTORED TO A CONDITION WORK.			
5 of 12	DEPARTMENT PERSONNEL WILL BE AVAILABLE FOR PRE-BID MEETI	ING WITH ADVANCE NOTIFICATION.			
6 of 12	DEPARTMENT MUST BE NOTIFIED IN WRITING TWO WEEKS IN ADVAMEETING.	NCE OF PRE-CONSTRUCTION			
7 of 12	AN INSPECTOR, WHEN AVAILABLE, WILL BE ASSIGNED ON MORE THE PERMITTEE WILL BE CHARGED ALL INSPECTION COSTS INCURRED E	JI IIIE DELIMETRIBRI.			
8 of 12	CONTACT COUNTY PERMIT INSPECTOR AT LEAST 3 WORK DAYS PRI 3220.	OR TO START OF WORK AT 484-340-			
9 of 12	Approved by Manny with the comments on the marked up detour plan				
10 of 12	CONTRACTOR MUST NOTIFY THE PENNDOT PRESS OFFICE AT 610 20 TO START OF DETOUR. PLEASE CONTACT DAN WEHNER, SPECIAL HAULING SUPERVIISOR @ DAYS PRIOR TO START OF DETOUR.				
11 of 12	CONTRACTOR MUST NOTIFY THE PENNDOT PRESS OFFICE AT 610 20 DAYS PRIOR TO THE CLOSING OF TRAVEL LANE(S) ONLY. CHAPTER 459.8(M)(3) STATES; A MANHOLE, INCLUDING THOSE CAST IN COMPLIANCE WITH CURRENT INDUSTRY STANDARDS AND SECTION 713.2(C) OF PUB 408.				



Permi	t Conditions	Permit No. 06080224
]	OPEN CUT INSTALLATION OF NEW 8" PVC SANITARY SEWER PI ROADWAY @ APPROX SR 2014 SEG 0060 OFFSET 0533. JACK AND BORE TRENCHLESS INSTALLATION OF NEW 8" PVC S APPROX. SEG 0050	

Acknowledgement of Completion	Barry J Schoch, P.E.	
Permit work has been completed:	Secretary of Transportation	
Date:	Lester C. Toaso	
By:	District Executive	

M-371A (11-03) PENNDOT

APPLICATION REVIEW/ PERMIT INSPECTION COSTS

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X	HIGHWAY OCCUPANCY PERMIT
	BRIDGE OCCUPANCY LICENSE
	APPLICATION REVIEW
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M-371A (11-03) PENNDOT

APPLICATION REVIEW PERI

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	HIGHWAY OCCUPANCY PERMIT	
	BRIDGE OCCUPANCY LICENSE	
	APPLICATION REVIEW	

CENTRAL-OFFICE USE ONLY

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Highway Occupa	ncy Permit	Permit No. 06080224		
Name and Address of Permittee:	County: Chester	Issue Date: 8/16/2012		
East Goshen Municipal Authority	County Contact Number: (484) 340-3220	Expiration Date: 8/16/2013		
1580 Paoli Pike	Issuing District Office: 06	Application Number: 15627		
West Chester, PA 19380	District Contact Number: (610) 205-6795	Account Number:		
·	Municipalities: EAST GOSHEN Township	Permit Fee: 0.00		

Immediately upon completion of the work Permittee shall notify the permit office where application was made. Subject to all the conditions, restrictions, and regulations prescribed by the Pennsylvania Department of Transportation, (see in particular 67 Pa. Code, Chapter 212, 441 and 459 and State Highway Law, 36 P.S. Section 670 - 411, 420 and 421) and subject to the plans, special conditions, or restrictions herein set forth or attached hereto. This permit shall be located at the work site and shall be available for inspection by any police officer or Department representative.

Local	tion and Desc	ription of Work	Permit No. 06080224			
1 of 2	State Route #: Segment(s): Offset(s):	2014 From 0060 To 0060 From 0030 To 0533	641: Install Sub-surface Sewer Facility at			
2 of 2			641: Install Sub-surface Sewer Facility at			

Permi	Conditions	Permit No. 06080224						
1 of 12	PERMITTEE IS RESPONSIBLE FOR ENSURING THAT MUD, SILT AND OTHER DEBRIS IS REMOVED FROM VEHICLES AND TIRES (BY POWER WASH, ETC.) BEFORE ENTERING ONTO THE HIGHWAY.							
2 of 12	BEFORE DETOUR IS SET UP, PERMITTEE MUST NOTIFY NEWS MEDIA, EMERGENCY SERVICES, AND AFFECTED SCHOOL DISTRICTS.							
3 of 12	NO LANES MAY BE RESTRICTED BETWEEN THE HOURS OF 6:00 AMTO 9:00 AM OR BETWEEN THE HOURS OF 3:00 PM TO 6:00 PM.							
4 of 12	ALL DISTURBED AREAS OUTSIDE THE PAVEMENT OR SHOULDER SHALL BE RESTORED TO A CONDITION AT LEAST EQUAL TO THATWHICH EXISTED BEFORE THE START OF WORK.							
5 of 12	DEPARTMENT PERSONNEL WILL BE AVAILABLE FOR PRE-BID MEET	ING WITH ADVANCE NOTIFICATION.						
6 of 12	DEPARTMENT MUST BE NOTIFIED IN WRITING TWO WEEKS IN ADVANCE OF PRE-CONSTRUCTION MEETING.							
7 of 12	AN INSPECTOR, WHEN AVAILABLE, WILL BE ASSIGNED ON MORE TO PERMITTEE WILL BE CHARGED ALL INSPECTION COSTS INCURRED IN	HAN A SPOT INSPECTION BASIS. BY THE DEPARTMENT.						
8 of 12	CONTACT COUNTY PERMIT INSPECTOR AT LEAST 3 WORK DAYS PR. 3220.	IOR TO START OF WORK AT 484-340-						
9 of 1.2	Approved by Manny with the comments on the marked up detour plan							
10 of 12	CONTRACTOR MUST NOTIFY THE PENNDOT PRESS OFFICE AT 610 20 TO START OF DETOUR. PLEASE CONTACT DAN WEHNER, SPECIAL HAULING SUPERVIISOR OF DAYS PRIOR TO START OF DETOUR.	@ 610 205-6787 AT LEAST 10 WORKING						
11 of 12	CONTRACTOR MUST NOTIFY THE PENNDOT PRESS OFFICE AT 610 20 DAYS PRIOR TO THE CLOSING OF TRAVEL LANE(S) ONLY. CHAPTER 459.8(M)(3) STATES; A MANHOLE, INCLUDING THOSE CAST IN COMPLIANCE WITH CURRENT INDUSTRY STANDARDS AND SECTION 713.2(C) OF PUB 408.							

M-371A (11-03) PENNDOT

APPLICATION REVIEW PERMIT INSPECTION COSTS

X	HIGHWAY OCCUPANCY PERMIT
	BRIDGE OCCUPANCY LICENSE
	APPLICATION REVIEW

CENTRAL OFFICE USE ONLY
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PAY PERIOD ENDING

PLEASE P	RINT LEG	IBLY					FAT F	LKIU	D ENDING					
NAME OF APPL	ICANT/PERMI	TEE		INSPECTOR APPLICATION/PERMIT/LICENSE NUMBER DEPARTMENT .										
East Cash	en Muni	cipal Autho	ority		Хсоиз	ULTANT		*060	80224					
APPLICANT/PER	STATE ROUT	STATE ROUTE - SEGMENT - OFFSET ORG							G					
1580 Paol	i Dika				2014-00	60-0030)					 *0	062	
OTY	I INC				BOROUGH C					cc	YTNUC			
					East Go	chan				l _c	hester	•		
West Che	ster	ZIP CODE			REVIEWER'S		R'S NAME				ATE PRO		MBER	
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M-371A (11-03) PENNDOT

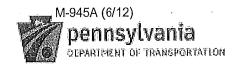
APPLICATION REVIEW/ PERI

P	PLICATION REVIEW/	CENTRAL OFFICE USE ONLY
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PAY PERIOD ENDING

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NAME OF APPLICANT/PERMITEE East Gosh Num APPLICANT/PERMITEE ADDRESS (STATE ZIP CODE (2007)					INSPECTOR DEPARTMENT CONSULTANT APPLICATION/PERMIT/LICENSE NUMBER OGO SOZZY							
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Highway Occupa	Permit No. 06080224					
Name and Address of Permittee:	County: Chester	Issue Date: 8/16/2012				
East Goshen Municipal Authority	County Contact Number: (484) 340-3220	Expiration Date: 8/16/2013				
1580 Paoli Pike	Issuing District Office: 06.	Application Number: 15627				
West Chester, PA 19380	District Contact Number: (610) 205-6795	Account Number:				
	Municipalities: EAST GOSHEN	Permit Fee: 0.00				
	Township	_				

Immediately upon completion of the work Permittee shall notify the permit office where application was made. Subject to all the conditions, restrictions, and regulations prescribed by the Pennsylvania Department of Transportation, (see in particular 67 Pa. Code, Chapter 212, 441 and 459 and State Highway Law, 36 P.S. Section 670 - 411, 420 and 421) and subject to the plans, special conditions, or restrictions herein set forth or attached hereto. This permit shall be located at the work site and shall be available for inspection by any police officer or Department representative.

Loca	tion and Desc	ription of Work	Permit No. 06080224
1 of 2	State Route #: Segment(s): Offset(s):	2014 From 0060 To 0060 From 0030 To 0533	641: Install Sub-surface Sewer Facility at
2 of 2	State Route #: Segment(s): Offset(s):	2020 From 0170 To 0170 From 0050 To 0050	641: Install Sub-surface Sewer Facility at

Permi	t Conditions	Permit No. 06080224							
1 of 12	PERMITTEE IS RESPONSIBLE FOR ENSURING THAT MUD, SILT AND O VEHICLES AND TIRES (BY POWER WASH, ETC.) BEFORE ENTERING O	THER DEBRIS IS REMOVED FROM NTO THE HIGHWAY.							
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5 of 12	DEPARTMENT PERSONNEL WILL BE AVAILABLE FOR PRE-BID MEET.	ING WITH ADVANCE NOTIFICATION.							
6 of 12	DEPARTMENT MUST BE NOTIFIED IN WRITING TWO WEEKS IN ADVA	ANCE OF PRE-CONSTRUCTION							
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9 of 12	Approved by Manny with the comments on the marked up detour plan								
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Permi	t Conditions	Permit No. 06080224			
12 of 12	OPEN CUT INSTALLATION OF NEW 8" PVC SANITARY SEWER PIPE A ROADWAY @ APPROX SR 2014 SEG 0060 OFFSET 0533. JACK AND BORE TRENCHLESS INSTALLATION OF NEW 8" PVC SANIAPPROX. SEG 0050				

Acknowledgement of Completion	Barry J Schoch, P.E.	
Permit work has been completed:	Secretary of Transportation	
Date:	Lester C. Toaso	
By:	District Executive	



Application and Certificate for Payment

TO OWNER:	PROJECT:	APPLICATION NO: 3	Distribution to:
East Goshen Municipal	Marydell Pump Station	1 PERIOD TO: 5/28/13	OWNER
Authority	Diversion	CONTRACT FOR: Sewer Construction	ARCHITECT
FROM CONTRACTOR:	VIA ARCHITECT:		CONTRACTOR []
Ply-Mar Construction Co., Inc. 965 Plymouth Road		PROJECT NOS: MPS-2013	
Piymouth Meeting, PA 19462			OTHER
CONTRACTOR'S APPLICATION FOR PAYMENT	PAYMENT	The undersigned Contractor certifies that to the best of the Contractor's knowledge, information	dge, information
Application is made for payment, as shown below, in connection with the Contract.	nnection with the Contract.	and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for	ed in accordance or for Work for
1. ORIGINAL CONTRACT SUM	•	which previous Certificates for Fayment were issued and payments received from that current payment shown herein is now due.	the Owner, and
		CONTRACTOR: Ply-Max Construction Co., Inc.	
3. CONTRACT SUM TO DATE (Line $I \pm 2$)	\$ 231,195.00	By: Him Affine Co	4/13
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703)	m G703) \$ 158,960.00	ıf: //	***************************************
5. RETAINAGE:		County of:	
a. 5 % of Completed Work	7 - 948 - 00	bed and sworn to before	
(Columns $D + E$ on G/OS) b. % of Stored Material		THE THIS COMMONWEALTH OF PENNSYLVANIA	TH OF PENNSYLVANIA
19	00.00	Notary Public Med Dans D. C.	Notarial Seal Dana D. Conaway, Notary Public
Total Retainage (Lines $5a + 5b$, or Total in Column I of G703)	of G703) \$ 7,948.00	My commission expires: My 4, 30, 5	Whitemarsh Twp., Montgomery County My Commission Expires May 4, 2015
6. TOTAL EARNED LESS RETAINAGE		ARCHITECT'S CERTIFICATE FOR PAYMENT	FINER, PERNSYLVANIA ASSOCIATION OF NOTARIES
(Line 4 minus Line 5 Total)		In accordance with the Contract Documents, based on on-site observations and the data comprising	data comprising
(LESS PREVIOUS CERTIFICALES FOR PAYMENT		information and belief the Work has progressed as indicated, the quality of the Work is in	the Work is in
8. CURRENT PAYMENT DUE	\$ 50,608.00	accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.	payment of the
9. BALANCE TO FINISH, INCLUDING RETAINAGE	80.183 (ME) ME	, AMOUNT CERTIFIED	%.%
(Line 3 minus Line 6)	00	(Attach explanation if amount certified differs from the c Application and on the Continuation Sheet that are cha	igures on this
CHANGE ORDER SUMMARY	ADDITIONS DEDUCTIONS	ARCHITECT: ENGIN BEZ:	
Total changes approved in previous months by Owner	\$ 0.00 \$ 0.00	By: 106 60: Call Date: 610	<u>ં () ()</u>
Total approved this month		This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor	te Contractor
TOTAL	\$ 1,360.00 \$ 0.00	named herein. Esuance, payment and acceptance of payment are without prejudice to any rights of	to any rights of
ATEL OUTANISTS by Change Canada	3.360.00	the Owner or Contractor under this Contract.	

CALITION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

1,360.00

NET CHANGES by Change Order

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Continuation Sheet

AIA Document G702TM_1992, Application and Certificate for Payment, or G732TM_2009, Application and Certificate for Payment, Construction Manager as Adviser Edition, Use Column I on Contracts where variable retainage for line items may apply. containing Contractor, signed certification is attached. In tabulations below, amounts are in US dollars.

PERIOD TO: 5/28/13

APPLICATION DATE: 6/3/13

APPLICATION NO:

MPS-2013

,-	A A	RETAINAGE (If variable rate)	\$1,650.00	\$50.00	\$1,050.00	\$923.00	\$0.00	\$0.00	\$1,230.00	\$1,311.00	\$300.00	\$350.00	\$0.00	\$0.00	\$638.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$78.00	\$0.00	\$0.00	\$300.00	\$68.00	\$7,948.00
H		BALANCE TO FINISH $(C-G)$	\$11,000.00	\$2,000.00	\$10,080.00	\$0.00	\$5,130.00	\$11,475.00	\$0.00	\$920.00	\$3,000.00	\$0.00	\$1,000.00	\$1,000.00	\$9,240.00	\$6,500.00	\$2,000.00	\$2,250.00	\$1,500.00	\$1,200.00	\$0.00	\$1,000.00	\$10,920.00	\$0.00	\$0.00	\$80,215.00
		% (G+C)	75%	33%	%29	161%	%	%0	100%	35%	%99	100%	%0	%0	28%	%0	%0	%	%0	%0	260%	%	%	100%	100%	
2	ŧ	TOTAL COMPLETED AND STORED TO DATE $(D+E+F)$	\$33,000.00	\$1,000.00	\$21,000.00	\$18,460.00	\$0.00	80.00	\$24,600.00	\$26,220.00	\$6,000.00	\$7,000.00	\$0.00	\$0.00	\$12,760.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,560.00	\$0,00	80.00	\$6,000.00	\$1,360.00	\$158,960.00
		MATERIALS PRESENTLY STORED (Not in D or E)																						-		
ш	WORK COMPLETED	THIS PERIOD	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$26,220.00	\$0.00	\$3,500.00	\$0.00	\$0.00	\$12,760.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$1,560.00	\$0.00	\$0.00	\$2,000.00	\$1,360.00	\$47,400.00
А	WORK CC	FROM PREVIOUS APPLICATION (D+E)	\$33,000.00	\$1,000.00	\$21,000.00	\$18,460.00	\$0.00	\$0.00	\$24,600.00	\$0.00	\$6,000.00	\$3,500.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$4,000.00	\$0.00	\$111,560.00
Ü		SCHEDULED VALUE	\$44,000.00	\$3,000.00	\$31,080.00	\$11,440.00	\$5,130.00	\$11,475.00	\$24,600.00	\$27,140.00	\$9,000.00	\$7,000.00	\$1,000.00	\$1,000.00	\$22,000.00	\$6,500.00	\$2,000.00	\$2,250.00	\$1,500.00	\$1,200.00	\$600.00	\$1,000.00	\$10,920.00	\$6,000.00	\$1,360.00	\$231,195.00
B		DESCRIPTION OF WORK	c	E & S Controls (1 LS)	8" Main in Paved Area (0-10") (29동 년)	8" Main Paved Area (10-15') (88 LF)	8" Main Un-Paved (0-10' (114 LF	9-15) (S	Š	<u>5</u>				ver Lat	O,		Traffic Maintenance (1 LS)	i Pike		Misc Exc. & 2A Backfill (20 CY)	Misc. Exc. & Soil Backfill (20 CY)		21 Mill & Overlay Paoli Pike (455 SY)	Soft Dig Test Pits (3 EA)	CO#1 U-Drain (58 LF)	GRAND TOTAL
4		ITEM NO.	-	7	ო	4		ဖ			<u>~</u> თ	10					151	₩ 9			<u>გ</u>	20	21	22	23 C	

CAUTION: You should sign an original AIA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured.

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	CONTRACT CHANGE ORD	ER					
CONTRACT NO.:	MPS-2013	DATE:	6-Jun-13				
	Marydeil Pump Station Diversion	PROJECT NO.:	EGMA 1305				
CHANGE ORDER NO.:	1	LOCATION:	East Goshen Mun, Auth				
TO: (Contractor)	Ply-Mar Construction Co., Inc.	Chester County, Penns	sylvania				
You are hereby requested to co	mply with the following changes from the contract p	lans and specifications.					
	ION OF CHANGES:QUANTITIES,UNITS,UNIT HANGES IN COMPLETION SCHEDULE; ETC: (2)	DECREASE IN CONTRACT PRICE (3)	INCREASE IN CONTRACT PRICE (4)				
underdrain pip	stall replacement 4-inch diameter perforated PVC e along shoulder of Paoli Pike, 0.00/L.F. = \$1,360.00)		\$1,360.00				
TOTAL DECRE TOTAL INCRE NET (INCREAS		\$0.00	\$1,360.00 \$1,360.00				
The sum of \$1,360.00 price to date is thereby	is hereby added to the total contract price, and the \$231,195.00	total adjusted contract					
The time provided for completion This document shall become an provisions of the contract will ap	amendment to the contract and all						
Accepted by:	Contractor	Date					
Recommended by:	My Eli: Engineer	66/13 Date					

Date

Approved by:

Owner

Rick Smith

From: Michael Ellis <MEllis@Pennoni.com>

Sent: Thursday, June 06, 2013 10:00 AM To: rsmith@eastgoshen.org

Daniel Barbato

Marydell PS - Pay Application #3 and Change Order #1

Pay Application #3.pdf; MPS Change Order #1.pdf; Re: Sunoco gas main excavation payment (8.26 KB)

Rick,

Attachments:

Subject:

Payment Application #3 is attached. We recommend payment in the amount of \$50,608.00 as certified on the application. A description of line items in this payment follows:

- Item 8: 120 LF of jack and boring casing was installed (six 20' long sticks of casing pipe) instead of the 118 LF in the bid. We recommend withholding 5% from payment of this line item (in addition to 5% retainage) until the sewer is tested. $120 \text{ LF} \times \$230/\text{LF} = \$27,600 \times 95\% = \$26,220$.
- Item 10: Manhole MH-3 was installed.
- pay Ply-Mar a percentage as follows. They have installed a total of 191 SY of base course paving to-date (163 SY along Paoli Pike and 28 SY on Saratoga for wearing course. Since the pay item is for the full-depth of the pavement, including both base course and wearing course paving, we have agreed to not yet installed the wearing course on Paoli Pike. They have installed the wearing course on Saratoga Drive, but they are not yet requesting payment Item 13: Ply-Mar has installed the base course of paving along the trench in the shoulder of Paoli Pike and in the trench on Saratoga Drive. They have Drive). The unit price bid for Full Depth Paving was \$80/SY. Ply-Mar proposes the wearing course is \$13.20/SY of that unit price, and we are not opposed to that breakdown. The base course is therefore considered to be \$66.80/\$Y. 191 SY $\times $66.80/$$ SY $\approx $12,760$.
- Item 19: There was approx. 52 CY (4 dump trucks at 13 CY/truck) of Miscellaneous Excavation and Soil Backfill for the Sunoco gas mains jack & boring observation pit. 52 CY × \$30/CY = \$1,560.
- Item 22: Soft (vacuum) digging was performed in the Sunoco gas mains jack & boring observation pit from the top of the gas mains to approx. 4 ft below the gas mains. We agreed to consider this as 1 EA of soft digging. 1 EA \times \$2,000/EA = \$2,000.
- Item 23: Change Order #1. 68 LF of underdrain pipe was installed to replace existing pipe along Paoli Pike as required by PennDOT.

Proposed Change Order #1 is attached for consideration and approval by the Authority. Ply-Mar has agreed to this reduced price; they had initially proposed \$25/LF of underdrain pipe. I will have Ply-Mar sign the form before Monday's meeting. This Change Order should be approved before Payment #3 since the change order work is recommended for full payment. Lastly, to provide the Authority a heads up, I've attached an email from Ply-Mar with additional costs associated with the Sunoco gas main conflicts. They are requesting \$6,055.00 additional. I have directed them to provide supporting documentation, such as subcontractor and material invoices and specific days of extra labor, to substantiate these costs before we prepare a formal Change Order #2. We intend to provide Change Order #2 for consideration at the July Authority meeting.

Mike

Michael J. Ellis, PE

Pennoni Associates Inc.
Christiana Executive Campus
121 Continental Drive, Suite 207
Newark, DE 19713-4310
Office 302-655-4451 x5236 | Direct 302-351-5236
Fax 302-654-2895 | Mobile 302-561-4235
http://www.pennoni.com | mellis@pennoni.com

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Memo

To:

Municipal Authority

From: Jon Altshul

Re:

MA May Financial Report

Date: June 6, 2013

The Municipal Authority recorded \$122,852.36 in expenses and \$99,171.78 in revenues (primarily from transfers from the Sewer Capital Reserve and Sewer Operating funds) in the month of May, a difference of -\$23,680.58 (in a strangely symmetric twist, the net income in April was +\$23,600.58). The fund balance is now \$49,283.73.

A complete list of all monthly expenses is provided.

EAST GOSHEN TOWNSHIP

Municipal Authority WEST CHESTER, PA 1580 PAOLI PIKE May 2013

Account Title	Acct #	Annual Budget	Month To Date Year To Date.	Year To Date Actual	
MUNICIPAL ALITHORITY REGINNING FLIND BALANCE		,	77 964 31		
PCSTD RIDGET					
REVENIE					
INTEREST EARNED - RCSTP EXPANSION	07341 1020	50.00	22.26	35.11	
GRANT REVENUE	07392 0800	00'0	0.00	0.00	
TOTAL REVENUE		20.00	22.26	35.11	
EXPENSES					
R.CCAP, PROJENGINEER	07424 7451	0.00	00.00	0.00	
R.C. CAP EXPANSION GEN'L CONTRACTOR	07424 7452	00.00	0.00	0.00	
R.C. CAP EXPANSION - ELECTRICAL	07424 7453	00.00	0.00	0.00	
R.C. CAP EXP CONTINGENCY CAPITAL	07424 7454	00.00	0.00	0.00	
R.C. CAP EXP CONTINGENCY ONGOING	07424 7455	0.00	00.00	0.00	

35.11	
22.26	
(992,420.00)	

RCSTP NET RESULT

0.00 0.00

0.00

0.00 992,470.00

R.C. CAP EXP ADDITIONAL CONTINGENCY R.C. CAP EXP CONTINGENCY ONGOING

TRANSFER TO AUTHORITY CAP FUND

TOTAL EXPENSES

0.00

0.00

0.00

992,470.00

EAST GOSHEN TOWNSHIP 1580 PAOLI PIKE WEST CHESTER, PA Municipal Authority May 2013

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual	
OPERATING BUDGET					
REVENUE INTEREST EARNINGS	07341 1000	20.00	1.52	12.46	
C.C. TAPPING FEES	07364 1100	128,000.00	0.00	0.00	
R.C.TAPPING FEES	07364 1110	2,000.00	7,148.00	11,148.00	
CONNECTION FEES - SEWER	07364 1130	0.00	0.00	1,689.64	
MISCELLANEOUS REVENUE	07380 1000	1,000.00	0.00	423.36	
TRANSFER FROM SEWER OPERATING	07392 0500	121,696.00	39,000.00	39,000.00	
TOTAL REVENUE		252,746.00	46,149.52	52,273.46	
EXPENSES					
ADMINISTRATIVE WAGES	07424 1400	33,547.00	0.00	7,980.36	
MISCELLANEOUS EXPENSE	07424 3000	5,000.00	0.00	1,450.00	
MUNIC.AUTHAUDITING	07424 3110	8,843.00	0.00	0.00	
ENGINEERING SERVICES	07424 3130	35,000.00	8,215.25	25,274.75	
LEGAL SERVICES	07424 3140	7,000.00	3,364.00	9,721.02	
M.CDVRFA-DEBT SERVICE	07471 1000	20,720.00	00.00	0.00	
M.CDVRFA-INTEREST PAYMN	07472 1000	6,003.00	0.00	0.00	
M.CDVRFA-INTEREST PAYMN	07472 1010	5,583.00	0.00	0.00	
		9000	7	7 / 7	
IOIAL EXPENSES		121,696.00	11,5/9.25	44,426.13	
OPERATING NET RESULT		131,050.00	34,570.27	7,847.33	

EAST GOSHEN TOWNSHIP

Municipal Authority May 2013 WEST CHESTER, PA 1580 PAOLI PIKE

		Annual	Month To Date	Year To Date
Account Title	Acct #	Budget	Actual	Actual
CAPITAL BUDGET				
REVENUE	1000 50570	00 077 000	č	c
TRANSFER FROM SEWER CAP RESERVE	07392 0900	556,769.00	53,000.00	193,000.00
TOTAL REVENUE		1,549,239.00	53,000.00	193,000.00
EXPENSES				
MARYDELL PUMP STATION - ENGINEER	07425 1000	25,000.00	11,257.21	31,770.46
MARYDELL PUMP STATION -CONSTRUCTION	07425 2000	170,000.00	79,704.00	102,755.35
LOCHWOOD ABANDONMENT ENGINEER	07424 7475	0.00	47.50	1,133.50
LOCHWOOD ABANDONMENT CONSTRUCTION	07424 7476	55,769.00	14,106.40	45,121.41
LOCHWOOD ELIMINATION PHASE 2	07424 7477	00.0	0.00	2,094.91
HERSHEY MILL STATION - ENGINEER	07426 1000	25,000.00	1,539.75	15,479.74
HERSHEY MILL STATION - CONSTRUCTION	07426 2000	46,000.00	0.00	0.00
RESERVE PUMP STATION - ENGINEER	07427 1000	25,000.00	4,618.25	15,127.76
RESERVE PUMP STATION - CONSTRUCTION	07427 2000	93,000.00	0.00	00.00
RESERVOIR PUMP STATION - ENGINEER	07428 1000	00.0	0.00	00'0
RESERVOIR PUMP STATION CONSTRUCTION	07428 2000	0.00	0.00	0.00
TOTAL EXPENSES		439,769.00	111,273.11	213,483.13
CAPITAL NET RESULT		1,109,470.00	(58,273.11)	(20,483.13)
MUNICIPAL AUTHORITY ENDING FUND BALANCE			49,283.73	

GL Transaction Details

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MGRP18 run by BRIAN

9 : 49 AM

Acct # Per Src Trx # Debits Credits Beg/End Bal Date Check/Ref # ID # Name/Description 07341-1000 INTEREST EARNINGS 0.00 1301 JE 36010 0.74 02/05/13 INTEREST INTEREST EARNED JANUARY 2013 07 FUND 0.00 0.74 -0.74 0.48 03/04/13 INTEREST INTEREST EARNED FEB. 2013 1302 36396 07 FUND 0.48 0.00 -1.22 04/02/13 INTEREST 1303 36759 0.92 INTEREST EARNED MARCH 2013 07 FUND 0.92 0.00 -2.141304 3.20 05/01/13 INTEREST INTEREST EARNED APRIL 2013 37177 07100.1000 5.60 05/01/13 INTEREST 37178 INTEREST EARNED APRIL 2013 8.80 -10.94 1.52 0.00 8.80 1305 37710 06/04/13 INTEREST INTEREST EARNED MAY 2013 07 FUND 0.00 1.52 -12.46 0.00 12.46 -12.46 07341-1020 INTEREST EARNED - RCSTP EXPANSION 0.00 3.97 02/05/13 INTEREST INTEREST EARNED JANUARY 2013 1301 36011 07 CONSTRUCTION FUND 0.00 3.97 -3.97 4.91 03/04/13 INTEREST 1302 INTEREST EARNED FEB. 2013 07 CONSTRUCTION FUND 0.00 4.91 -8.88 3.97 04/02/13 INTEREST 1303 36760 INTEREST EARNED MARCH 2013 07 CONSTRUCTION FUND 0.00 3.97 -12.85 22.26 06/04/13 INTEREST 1305 37711 INTEREST EARNED MAY 2013 07 CONSTRUCTION FUND 0.00 22.26 -35.11 0.00 35.11 -35.11 TAPPING FEES 0.00 CR 37610 3,600.00 3,600.00 05/29/13 94 22 4518 1 CHESTER SPRINGS DEVELOPMENT CO 07364-1100 C.C. TAPPING FEES 3,600.00 3,600.00 0.00

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MGRP18 run by BRIAN

9 : 49 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Re	f # 	ID #	Name/Description
				3,600.00	3,600.00	0.00					·
07364-1110	R.C.	TAPP	ING FEES	}		0.00					
	1301	JE	35931	2,000.00			01/30/13	REV TRX			REVERSE TRX #32779 TAP IN FEE FOR 913 SORRELL HILL
			35934		2,000.00		01/30/13	REV TRX			RE-REVERSE TRX 35931 FOR 913 SORRELL HILL TAP IN FEES
				2,000.00	2,000.00						
	1303	RE	36430 36431		2,000.00 2,000.00		03/05/13	36430 36431	1 1		TAP IN FEE - 916 SORRELL HILL TAP IN FEE - 911 SORRELL HILL
					•	-4,000.00					
	1305		37562		7,148.00	# = # H = = = = = =		37562 	1 		TAP IN FEE FOR 1598 WINEBERRY
						-11,148.00					
				2,000.00	13,148.00	-11,148.00					
07364-1130				- SEWER		0.00					
	1302	CR	36075		423.00			264			JACOBS, ROBERT & CHERYL
			***	0.00	423.00 846.00		02/08/13	755		7193 1	GEORGE SMITH & CHRISTINA CONLE
			36147	0.00	423.00		02/13/13	11		6577 1	. PAPPANO, JOSEPH & PATRICIA
			30147		421.00		02/13/13				. PAPPANO, JOSEPH & PATRICIA
			***	0.00	844.00		·-,,			,200	
			36193		423.00		02/15/13	2173		7194	. STOFFLET, MICHAEL
		JE	36174	282.24			02/14/13	PINE ROCK			ANNUAL PINE ROCK INSTALLMENT
			36194	141.12			02/15/13	PINE ROCK			ANNUAL PINE ROCK INSTALLMENT
				423.36	2,113.00	-1,689.64					
			but not not not no	423.36	2,113.00	-1,689.64					
07200 1000	VTOO		VEOUG DE	19 7091.97 999		0.00					
07380-1000	MISC	ELLLA	NEOUS RE 36174	VENUE	282,24	0.00	02/14/12	PINE ROCK			ANNUAL PINE ROCK INSTALLMENT
			36194		141.12			PINE ROCK			ANNUAL PINE ROCK INSTALLMENT
				0.00	423.36	-423.36					
				0.00	423.36	-423.36					
07392-0500	ጠጀያኒ	SPRD	FROM SE	WER OPERATII	1G	0.00					
2.002 0000	1305		37366	4. 27.77.7.7	39,000.00		05/14/13	DEPOSIT			DEPOSIT FUNDS FROM SEWER TO MA TO COVER OPERATING EXPENSE
				0.00	39,000.00	-39,000.00					
				0.00	39,000.00	-39,000.00					

GL Transaction Details

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SERVICES THRU 3/17/13 GENERAL SE

SERVICE THRU 2/20/13 GENERAL SER

1052 PENNONI ASSOCIATES INC.

MGRP18 run by BRIAN 9 : 49 AM Acct # Per Src Trx # Debits Credits Beg/End Bal Date Check/Ref # ID # Name/Description 07392-0900 TRANSFER FROM SEWER CAP RESERVE 0.00 30,000.00 02/15/13 XFER 1302 36187 XFER \$ FROM 9100.1000 TO 7100. 1000 TO COVER MA EXPENSES 0.00 30,000.00 -30,000.00 1304 36841 50,000.00 04/08/13 XFER XFER \$ FROM 9100.1000 TO 7100.1000 60,000.00 XFER \$ FROM 9100.1000 TO 36905 04/11/13 XFER 7100.1000 0.00 110,000.00 -140,000.00 05/14/13 XFER 1305 37361 53,000.00 XFER FUNDS FROM 9100.1000 TO 7100,1000 TO COVER CAP.EXP. 0.00 53,000.00 -193,000.00 0.00 193,000.00 -193,000.00 07424-1400 ADMINISTRATIVE WAGES 0.00 03/28/13 2166 425 EAST GOSHEN TOWNSHIP 1303 CD 36711 7,980.36 1ST QTR.2013 REIMBURSMNT TO GENE 7,980.36 0.00 7,980.36 7,980.36 0.00 7,980.36 07424-3000 MISCELLANEOUS EXPENSE 0.00 01/03/13 2153 2737 DEP - COMMONWEALTH OF PA 1301 35598 500.00 NPDES PERMIT - 2013 MINOR SEWAGE 35783 950.00 01/18/13 2158 2132 PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOC 2013 ACTIVE MEMBERSHIP DUES 1,450.00 0.00 1,450.00 1,450.00 0.00 1,450.00 07424-3130 ENGINEERING SERVICES 0.00 01/15/13 2156 1052 PENNONI ASSOCIATES INC. 35695 3,264.75 SERV.THRU 12/9/12 2012 GEN.SERV 3,264.75 0.00 3,264.75 1302 36119 1,538.75 1052 PENNONI ASSOCIATES INC. 02/12/13 2162 SERV.THRU 1/13/13 GEN.SERVICES 2 1,538.75 0.00 4,803.50 04/10/13 2171 1052 PENNONI ASSOCIATES INC. 1304 36889 6,695.25

04/10/13 2173

36890 5,560.75

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ORANGE SAFETY FENCE, STAKES & PA

MGRP18 run by BRIAN

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Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
				12.256.00	0.00	17,059.50				H
	1305		37357	8,215.25	0.00	1,,003.00	05/14/13	2175	1052	PENNONI ASSOCIATES INC. SERV.THRU 4/14/13 GENERAL SERVIC
				8,215.25	0.00	25,274.75	hel het det een sen het bez ee			
ert auf auf den gest des gar des jas des ga				25,274.75	0.00	25,274.75	14 m in ai ai ai ai ai	***************		
07424-3140	LEGAI 1301		RVICES 35695	3,289.10		0.00	01/15/13	2155	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERV. 11/9-11/30/12 GEN.AU
	1302		36119	3,289.10 1,406.80	0.00	3,289.10	02/12/13	2161	. 528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE - JAN. 2013 GEN.AU
	1304		36889	•	0.00	4,695.90	04/10/13	2170	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICES 2/4-2/25/13 GEN.A
	1305		37357	1,661.12 3,364.00	0.00	6,357.02	05/14/13	2174	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICES 3/7-3/25/13 GEN.A
				3,364.00	0.00	9,721.02				
				9,721.02	0.00	9,721.02				
07424-7475	LOCHY 1301		ABANDO I 35695	NMENT ENGINEE 511.50	ER	0.00	01/15/13	2156	1052	PENNONI ASSOCIATES INC. SERVICES THRU 12/9/12 HERSHEY M PUMP STATION MUFFIN MONSTER
	1302		36119	511.50 574.50	0.00	511.50	02/12/13	2162	1052	PENNONI ASSOCIATES INC. SERV.THRU 1/13/13 H.MILL PS MUF MONSTER DESIGN
	1305		37357	57 4 .50 4 7.50	0.00	1,086.00	05/14/13	2175	1052	PENNONI ASSOCIATES INC. SERV.THRU 4/14/13 H.MILL PS MUFF MONSTER'
				47.50	0.00	1,133.50				
				1,133.50	0.00	1,133.50				
07424-7476	LOCHW		ABANDOI 35598	WENT CONSTRU	JCTION	0.00	01/03/13	2152	317	CONTRACTOR'S CHOICE

GL Transaction Details

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MGRP18 run by BRIAN

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Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
7424-7476	1301	CD	35695	1,482.40			01/15/13	2154	425	EAST GOSHEN TOWNSHIP LOCHWOOD PLANT CLOSING COSTS-LAE
			35698	-1,482.40			01/15/13	2154		EAST GOSHEN TOWNSHIP VOID CK. 2154 - DUPLICATE PAYMEN
				246.01	0.00	246.01				
	1304		36840	30,769.00			04/08/13	2169	2128	JWC ENVIRONMENTAL CONTROLLER ASSEMBLY, HPP, & REP SUPPLIED EQUIPMENT
				30,769.00	0.00	31,015.01				
	1305		37649	424.00			05/31/13	2180	489	FISHER & SON COMPANY INC 4 501B BAGS - COMMERCIAL SEED
				111.65			05/31/13	2181	739	KNOX EQUIPMENT COMPANY MULCHER RENTAL 5/16-5/17/13
				5,560.00			05/31/13	2182	800	MACANGA INC. TRUCKS & TRACK HOE USE - HAUL DI
				8,010.75			05/31/13	2183	1876	FROM WESTTOWN WAY 5/13 & 5/14/1: RANSOME RENTAL COMPANY LP
			***	14,106.40	0.00	***				STANDARD TRACK RENTAL 5/13-5/20,
						45,121.41				
				45,121.41		45,121.41				
7424-7477	LOCHI 1301		ELIMINA 35872	45,121.41 ATION PHASE 2 379.90		45,121.41	01/24/13			A.J. BLOSENSKI INC. 30 YDS. ROLLOFF HAULING & LANDF
7424-7477				ATION PHASE 2		0.00				30 YDS. ROLLOFF HAULING & LANDF
7424-7477				ATION PHASE 2 379.90	2	0.00	01/24/13		2762	30 YDS. ROLLOFF HAULING & LANDF: FEE
7424-7477	1301		35872	379.90 379.90	2	0.00	01/24/13 02/15/13	2159	2762 2762	30 YDS. ROLLOFF HAULING & LANDFI
7424-7477	1301		35872	379.90 379.90	0.00	379.90	01/24/13 02/15/13	2159	2762 2762	30 YDS. ROLLOFF HAULING & LANDFT FEE A.J. BLOSENSKI INC. 30 YARD ROLLOFF HAULING FEE VOID CK. 2159 - OVERCHARGED BY
1424-7477	1301 1302	 ЈЕ	35872 36189 36105	379.90 379.90 200.00	0.00	379.90	01/24/13 02/15/13	2159 	2762 2762	30 YDS. ROLLOFF HAULING & LANDF: FEE A.J. BLOSENSKI INC. 30 YARD ROLLOFF HAULING FEE VOID CK. 2159 - OVERCHARGED BY VENDOR - RETURNED CHECK EAST GOSHEN TOWNSHIP 1/1-3/27/13 REIMBURSE GENERAL FO
7424-7477	1301 1302	 ЈЕ	35872 36189 36105	379.90 379.90 379.90 200.00	0.00 379.90 379.90	379.90	01/24/13 02/15/13 02/11/13 	2159 	2762 2762	30 YDS. ROLLOFF HAULING & LANDF: FEE A.J. BLOSENSKI INC. 30 YARD ROLLOFF HAULING FEE VOID CK. 2159 - OVERCHARGED BY VENDOR - RETURNED CHECK EAST GOSHEN TOWNSHIP 1/1-3/27/13 REIMBURSE GENERAL FU
1424-7477	1301 1302	 ЈЕ	35872 36189 36105	379.90 379.90 379.90 200.00 200.00 1,894.91	0.00 379.90 379.90	0.00 	01/24/13 02/15/13 02/11/13 	2159 	2762 2762	30 YDS. ROLLOFF HAULING & LANDF: FEE A.J. BLOSENSKI INC. 30 YARD ROLLOFF HAULING FEE VOID CK. 2159 - OVERCHARGED BY VENDOR - RETURNED CHECK EAST GOSHEN TOWNSHIP 1/1-3/27/13 REIMBURSE GENERAL FU
	1301 1302 1303	 ДЕ СD	35872 	379.90 379.90 379.90 200.00 200.00 1,894.91	0.00 379.90 379.90 0.00	0.00 379.90 200.00 2,094.91	01/24/13 02/15/13 02/11/13 	2159 	2762 2762	30 YDS. ROLLOFF HAULING & LANDFT FEE A.J. BLOSENSKI INC. 30 YARD ROLLOFF HAULING FEE VOID CK. 2159 - OVERCHARGED BY VENDOR - RETURNED CHECK
	1301 1302 1303	JE CD	35872 	379.90 379.90 379.90 200.00 200.00 1,894.91	0.00 379.90 379.90 0.00	0.00 	01/24/13 02/15/13 02/11/13 	2159 2165 VOID CHECK 2167	2762 	30 YDS. ROLLOFF HAULING & LANDF: FEE A.J. BLOSENSKI INC. 30 YARD ROLLOFF HAULING FEE VOID CK. 2159 - OVERCHARGED BY VENDOR - RETURNED CHECK EAST GOSHEN TOWNSHIP 1/1-3/27/13 REIMBURSE GENERAL FU

1304 36889 3,593.75

36890 2,516.50

Report Date 06/06/13

GL Transaction Details

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MGRP18 run by BRIAN 9 : 49 AM Acct # Per Src Trx # Debits Credits Beg/End Bal Date Check/Ref # ID # 07425-1000 1302 CD 36119 5,988.75 02/12/13 2162 1052 PENNONI ASSOCIATES INC. SERV. THRU 1/13/13 MARYDELL PS 5,988.75 0.00 11,482.50 04/10/13 2171 1304 36889 6,863.00 1052 PENNONI ASSOCIATES INC. SERVICES THRU 3/17/13 MARYDELL P 36890 2,167.75 1052 PENNONI ASSOCIATES INC. 04/10/13 2173 SERVICE THRU 2/20/13 MARYDELL 9,030.75 0.00 20,513.25 1305 37357 7,168.00 05/14/13 2175 1052 PENNONI ASSOCIATES INC. SERV. THRU 4/14/13 MARYDELL PS 37548 4,089.21 05/22/13 2178 3084 PA DEPARTMENT OF TRANSPORTATION MARY DELL DIVERSION INSPECTION 11,257.21 0.00 31,770.46 31,770.46 0.00 31,770.46 07425-2000 MARYDELL PUMP STATION -CONSTRUCTION 0.00 3050 PECO ENERGY 1304 36746 2,351.35 04/01/13 2168 TWO MAN PECO CREW- BRACE PECO PO 3059 PLY-MAR CONSTRUCTION CO.INC. 36889 20,700.00 04/10/13 2172 MARYDELL PUMP STATION DIVERSION 23,051.35 0.00 23,051.35 1305 37357 79,704.00 05/14/13 2176 3059 PLY-MAR CONSTRUCTION CO.INC. APP.#2 MARYDELL PS DIVERSION 79,704.00 0.00 102,755.35 102,755.35 0.00 102,755.35 07426-1000 HERSHEY MILL STATION - ENGINEER 0.00 01/15/13 2156 1052 PENNONI ASSOCIATES INC. 1301 35695 2,047.12 SERV.THRU 12/9/12 HERSHEY MILL 35783 250.00 01/18/13 2157 263 CHESTER COUNTY CONSERVATION DISTRICT PERMIT FEE - HERSHEY MILL DAM 2,297.12 0.00 2,297.12 1302 36119 2,600.00 02/12/13 2160 2911 EARTHCORE SERVICES LLC MOBILIZATION ATV RIG-HMPS DIVERS 02/12/13 2162 1052 PENNONI ASSOCIATES INC. 2,932.62 SERV.THRU 1/13/13 HERSHEY MILL *** 5,532.62 0.00 *** 5,532.62 0.00 7,829.74

04/10/13 2171

1052 PENNONI ASSOCIATES INC.

04/10/13 2173 1052 PENNONI ASSOCIATES INC.

SERVICES THRU 3/17/13 HERSHEY MI

SERVICE THRU 2/20/13 HRSHEY MILL

GL Transaction Details

PAGE

MGRP18 run by BRIAN

9 : 49 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
	1305		37357	6,110.25 1,539.75	0.00	13,939.99	05/14/13	2175	1052	PENNONI ASSOCIATES INC. SERV. THRU 4/14/13 HERSHEY MILL
				1,539.75	0.00	15,479.74	***			
				15,479.74	0.00	15,479.74			***********	
07427-1000	RESEI	RVE :	PUMP ST	ATION - ENGI	NEER	0.00				
	1301		35695	2,047.13			01/15/13	2156	1052	PENNONI ASSOCIATES INC. SERV.THRU 12/9/12 RESERVE PS
		~==		2,047.13	0.00	2,047.13			**********	
	1302		36119	2,932.63			02/12/13	2162	1052	PENNONI ASSOCIATES INC. SERV.THRU 1/13/13 RESERVE PS
				1,000.00			02/12/13	2163	3027	SCHRODER, JOHN SEWER RIGHT OF WAY
				1,000.00			02/12/13	2164	3029	WILLOW POND HOMEOWNERS ASSOCIATION SEWER RIGHT OF WAY
			***	4,932.63	0.00	***				
	1304		36889	4,932.63 1,013.25	0.00	•	04/10/13	2171	1052	PENNONI ASSOCIATES INC.
			36890	2,516.50			04/10/13	2173	1052	SERVICES THRU 3/17/13 RESERVE PU PENNONI ASSOCIATES INC. SERVICE THRU 2/20/13 RESERVE PS
				3,529.75	0.00	10,509.51				
	1305		37357	563.25		•	05/14/13	2175	1052	PENNONI ASSOCIATES INC.
				1,455.00			05/14/13	2177	3075	SERV. THRU 4/14/13 RESERVE PS SPRING MEADOWS HOMEOWNERS ASSOCIATION SEWER RIGHT OF WAY
			***	2,018.25	0.00	***				
			37649	2,600.00			05/31/13	2179		EARTHCORE SERVICES LLC ATV RIG PROBES - 1 DAY
			* * * * * *	4,618.25	0.00	15,127.76	~~~~~			
***********				15,127.76	0.00	15,127.76				
Beg Bal			0.00	264,312.52	251,711.83	12600.690000	1			

JUNE 2013 EAST GOSHEN MUNICIPAL AUTHORITY GOALS

ON-GOING

- 1. Submit an article for each newsletter.
 - a. Need by 3/1/13 **Jack**
 - b. Need by 6/1/13 Dana
 - c. Need by 9/1/13
 - d. Need by 12/1/13
- 2. Attend West Goshen Meetings quarterly more often if needed.
 - a. 1st Quarter (March) Ed
 - b. 2nd Quarter (June) Kevin
 - c. 3rd Quarter (September)
 - d. 4th Quarter (December)
- 3. Respond to capacity requests in 45 days or less.
- 4. Continue to implement I & I Plan March Report distributed in May
- 5. Operate RCSTP in compliance with NPDES Permit January, February, March, April, May

PROJECTS

- 1. Lockwood Final Restoration Area within fence has been graded and seeded and the driveway has been removed.
- 2. Marydell Pump Station Construction Pipework is completed up to MH just before the PS.
- 3. Hershey Mill Pump Station Construction Bid awarded, Notice to proceed issued. Construction is completed, contractor need to address punch list.
- 4. Reserve Pump Station We open bids on June 19.
- 5. Borrowing Reimburse Capital Reserve for design and construction funds. We have done some preliminary work on the alternatives. Currently plan to borrow in July or August



June 6, 2013

Rick Smith, Township Manager East Goshen Township 1580 Paoli Pike West Chester, PA 19380

Re: Proposal for Professional Services

Reserve Pump Station Sanitary Sewer Diversion Construction Phase Services

Dear Mr. Smith:

Pennoni Associates Inc. is pleased to submit the following proposal for the construction phase services associated with the Reserve Pump Station (RPS) Sanitary Sewer Diversion.

BACKGROUND

The diversion project was initiated as a result of the *Township Wastewater Needs Evaluation*, dated April 16, 2007, which projected future flows through the Chester Creek Collection System (CCCS), a.k.a. West Goshen Service Area, will exceed the capacity limitation in the intermunicipal agreement between East Goshen and West Goshen. The intermunicipal agreement limits East Goshen's wastewater flow through the CCCS to a capacity of 1,000,000 gallons per day (gpd). The *Township Wastewater Needs Evaluation* determined that under potential future development, the flow through the CCCS may approach 1,300,000 gpd, which will exceed the current intermunicipal agreement and the available treatment capacity of the West Goshen Sewage Treatment Plant. By diverting the Hershey's Mill Pump Station and RPS from the CCCS to the Ridley Creek Collection System (RCCS) and the recently expanded Ridley Creek Sewage Treatment Plant (RCSTP), over 65,000 gpd of capacity can be made available under the intermunicipal agreement. Additionally, the development serviced by the RPS was proposed to have wastewater treated at the RCSTP in the Township's 1999 *Act 537 Plan Update*.

Following the Township Wastewater Needs Evaluation, Pennoni prepared the Hershey Mill and Reserve Pump Station Special Study, dated February 15, 2008. The study recommended diversion of both pump stations into the RCCS. Pennoni prepared the Act 537 Plan Update Revision for the Hershey Mill and Reserve Pump Station Diversion, last revised June 2010 with a partial supplemental submission to the PADEP on February 17, 2011, which was ultimately approved by the PADEP on June 6, 2011.

Pennoni then prepared the design documents, permit applications, and bid packages. The bid solicitation period began on May 17, 2013. Bids are due June 19, 2013, and a construction contract award is projected to occur on June 25, 2013.

The proposed RPS Sanitary Sewer Diversion consists of demolition of the existing pump station and construction of approximately 735 linear feet of 8-inch gravity sewers from the existing pump station through the property of 929 Forest Lane to an existing gravity sewer on the north side of Forest Lane. The sewer construction will involve one creek crossing.

SCOPE OF WORK

The scope of work for this phase of the project includes construction inspection and office support with specific details as follows.

Construction Inspection: Part-time construction inspection for critical construction activities including:

- Preconstruction meeting
- Tree removals and clearing
- Stakeout
- E&S controls installation including bypass pumping of the creek
- Dewatering
- Sanitary sewer and manhole installation and testing
- Connections to existing manholes
- Wastewater bypass pumping
- Demolition of the existing pump station structures and access drive
- Existing force main abandonment
- Restoration
- Final inspection

We have included a total of 150 hours of inspection time over the 90-day project duration.

Office Support: Pennoni's design engineer will provide support on the project with responses to contractor requests for information (RFIs), questions or requests for clarification from the Authority, support of the construction inspector, conducting the preconstruction meeting, review of contractor requests for payment and change order requests, and project closeout documentation. We will also prepare survey control data, coordinates, and limited CAD files for contractor use in stakeout of key features.

FEE

Our estimated fee, to be billed on a time and material basis, is Twenty Thousand Dollars (\$20,000).

Work will be done on an hourly basis, billed at the Authority's approved rates for Pennoni for 2013.

Extraordinary expenses, authorized in advance and identifiable to the specific project will be billed in addition to the above stated fees. These expenses include, but are not limited to: permit application fees, Federal Express and delivery charges, and the reproduction of plans and specifications by outside services. We do not bill for such items as relatively small amounts of in-house printing, mailing expenses, reasonable telephone calls, and travel expenses.

BILLING AND PAYMENT

Fees will be billed monthly based on actual services completed. Payment is due upon receipt of invoice. Billing and Payment shall be in accordance with Item three (3) of the attached General Terms and Conditions.

The client acknowledges that the method of Billing and Payment has been discussed in detail; that the terms agreed upon can only be changed by a written addendum agreed to by both parties; and work may be stopped until payment is made in accordance with the agreement.

TERMS AND CONDITIONS

General

Pennoni Associates Inc. General Terms and Conditions (Form No. LE01, Rev. 09/2002) as approved with our contract with the Authority are considered as part of this proposal.

Special

- a. Revisions to the plans or documents as a result of personal preferences of contractors, reviewing agencies, agency consultants, and the client will be performed as additional work on an hourly basis.
- b. We assume that a reasonable and customary number of contractor RFIs will be processed, and that submittals will be generally accurate and complete, with relatively minimal revisions required by the design engineer. Processing of excessive RFIs and repetitive markups of submittals will be billed on a time and materials basis as additional work.
- c. Inspection time is limited to 150 hours in aggregate between the field inspector and the design engineer. Additional time, if requested, will be billed on a time and materials basis.
- d. This proposal is limited strictly to those items quoted above.

We appreciate this opportunity to submit our proposal to the Authority. Should you have any questions or need additional information, please do not hesitate to call. Please sign and return one (1) copy of this proposal as our Notice to Proceed.

Sincerely,

PENNONI ASSOCIATES INC.

Daniel P. Barbato, P.E. Authority Engineer

Rick Smith	June 6, 2013	Page 4
KIOK DIMMI	CPS Diversi	on Construction Phase Support
ACCEPTED BY:	·	
	(Print Name and Title)	
DATE:		•

Memo East Goshen Township 1580 Paoli Pike

West Chester, PA 19380

Voice (610) 692-7171 Fax (610) 425-8950

E-mail rsmith@eastgoshen.org

Date: May 30, 2013

To: Planning Commission Conservancy Board Historical Commission Park Commission

Commerce Development Commission

From: Rick Smith, Township Manager Re: Annual Planning Session Goals

Municipal Authority

At their meeting on February 5, 2013 the Board of Supervisor reviewed the goals presented by the each ABC at the Planning Session and determined that there may be a miscommunication in terminology. Some of the proposed goals would be typically considered a task or an action item that needs to be completed in order to achieve the "goal".

Attached are the "goals" as agreed to by the Board of Supervisors.

The Board requests that each ABC provide a brief quarterly report on their progress toward achieving their goals as listed on the attached.

It would be appreciated if you could review your respective "goals" and generate such report at your June Meeting. Thanks.

Goals for 2013

Conservancy Board

Continue control of invasive plants species in Township wetlands, while leveraging past work with the Park & Recreation Commission and Public Works Department on reforesting, understory and meadows efforts in Applebrook Park.

Create environmental education for residences around storm water control, such as rain gardens and rain barrels. Specifically, look at having rain barrels installed at the East Goshen Township building.

Historical Commission

Work with Chester County and the local townships to complete the state funded Battle of the Clouds project.

Complete entry of all Blacksmith Shop and Plank House historic items into the township's archival database.

Municipal Authority

Marydell Pump Station Elimination Project-Complete construction

Hershey Mill Pump Station Diversion Project – Complete construction

Reserve Pump Station Elimination Project – Complete construction

Park and Recreation Commission

Develop a marketing plan for East Goshen Park.

Expand and enhance East Goshen Farmers Market

Continue to increase revenue opportunities: for example:

- a. A ball field signage/sponsorship plan
- b. Mobile food vendors
- c. Community events

Develop a community health and wellness program that addresses the needs of our township's demographics. (Long Term Goal)

Planning Commission

Consider developing and implementing solar energy regulations that provide appropriate safeguards for screening, storm-water, setbacks, etc.

Finalize Zoning Ordinance Amendment recommendations made to the Board of Supervisors by the Commission as a result of the 2012 Zoning Ordinance review.

Commerce Development Commission

Update commercial business community directory list for inclusion on township website. To be rolled out in February 2013. Theme: Support businesses supporting EGT with their taxes.

Conduct fact finding interviews with landlords and develop recommendations to issues effecting shopping centers.

EAST GOSHEN MUNICIPAL AUTHORITY EAST GOSHEN TOWNSHIP

1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

June 7, 2013

To:

Municipal Authority

From:

Mark Miller

Re:

May 2013 Monthly Report

Meters:

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

flows meters were read as well.

Pump Stations:

Were visited on a daily basis

C.C. Collection:

We had a problem with the Barkway Pump Station, the control board

went bad. M.S. Service was called in to replace the board.

The backup float system was acting up at the Hershey Mill Pump Station;

we pulled two floats and replaced them.

The Hershey Mill Force has been switched over. We noticed a big

difference in the pumps due to less head pressure. The switch over went

well.

We were notified of a sewer back-up on Barker Drive. The blockage was

cleared. We were notified a week later of another clog. We ended up digging the trap and found a piece of a cast broken off and wedged in the

pipe.

We were called out to Heather Lane for a sewer odor, we pulled the

sketch plan of the sewer lateral from the house to the street, and this allowed us to locate a cleanout which had a broken cap. The cap was

replaced.

R.C. Collection:

All pump stations were visited on a daily basis. No problems to report.

R.C. Plant:

Scott asked to meet with me to go over some minor problems. Nothing

else to report.

Alarms:

We received a total of 22 alarms.

PA One Calls:

We received 94 PA One calls for the month of May.



MEMORANDUM

TO:

East Goshen Municipal Authority Board

Rick Smith, Township Manager

FROM:

Daniel Barbato, P.E.

Authority Engineer

DATE:

June 6, 2013

SUBJECT:

Engineer's Report

Invoices

• Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

• Pennoni continues to coordinate with the Plant Operator and will provide operations assistance as needed. No issues were brought to our attention in May.

Marydell PS Elimination

- We continued to perform field observation of the sewer construction including jacking and boring across Boot Road, sewer installation through the island at the intersection of Boot Road and Paoli Pike, pressure testing of three new sewer runs along Paoli Pike, and restoration paving.
- We reviewed the contractor's third payment request and forwarded our recommendation to the Township. We also reviewed two change order requests. We forwarded Change Order #1 to the Township, and we are awaiting additional documentation from the contractor before we prepare Change Order #2.
- We anticipate another 2-3 weeks from the time of this report to complete the project, estimated completion in late June. The contract completion date is July 15.

Hershey's Mill PS Diversion

- We continued to perform office support and field observation of the work, including cured-in-place manhole lining, directional drilling and pipe installation, gate valve installation, hydrostatic pressure testing, pumping and hauling wastewater from the Hershey's Mill PS during the temporary shut-down, connections to existing force main and existing tie-in manhole, activation of the diverted force main, existing force main flushing and abandonment, and temporary pavement restoration.
- We reviewed additional shop drawings for relief valves for pressure testing and manhole ladders.

EGMA 1301

- Only limited work remains: punchlist items, installation of a plug in the abandoned pipe at the manhole on Clover Lane, site clean-up and restoration, and removal of temporary paving and replacement with permanent paving. The punchlist and restoration work is expected to be completed within the next 1-2 weeks, and the contractor intends to install permanent paving in early July.
- We reviewed the contractor's first payment request and notified the contractor of required revisions. We will forward our recommendation to the Township prior to the June Authority meeting.

Reserve PS Elimination

- We finalized the plans and specifications and solicited the project on PennBID on May 17, 2013. Bids are due June 19, 2013 at 10:00 a.m. with the intent to award the project at the Special Authority meeting on June 25, 2013. Construction will likely begin in mid to late July, and the contract duration is 90 days.
- We attended a non-mandatory pre-bid meeting on June 4, 2013. Four (4) contractors attended.
- We also issued Addendum #1 and responded to questions from prospective bidders.

Reservoir Road Pump Station

 We updated our scope concept and cost estimate from 2009 and forwarded a summary memo to the Township.



Monthly Operations Report: May 2013

Treatment Process Operation

During April 2013, there were no exceedances of the final effluent discharge limitations for outfall 001. Flow to Applebrook, Outfall 002, began on April 26th. Table 1 illustrates the final effluent composite sample data reported during April.

Table 1

					310 1						
	Apr	il 201	3 - Fin	al Eff	luent	- Out	Fall (001			
	Flow	СВ	OD ₅	Т	SS	NE	I ₄ -N	0.000	orus,Total ng/L	Fecal Co	oliform
NPDES Permit Discharge Limitations	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	370			ig.			
Sample Date						77.		m			
April 2, 2013	0.207	2.0	3.5	5	9	0.100	0.17	0.24	0.41	1	0.0000
April 11, 2013	0.169	2.0	2.8	5	7	0.100	0.14	0.13	0.18	1	0.0000
April 16, 2013	0.188	2.0	3.1	13	20	0.187	0.29	0.12	0.19	1	0.0000
April 23, 2013	0.224	2.0	3.7	9	17	0.100	0.19	0.17	0.32	1	0.0000
April 30, 2013	0.071	2.0	1.2	5	3	0.159	0.09	0.10	0.06	1	0.0000
Average	0.1718	2.0	3	7	11	0.129	0.18	0.15	0.23	1	0.0000
Minimum	0.0710	2.0	1	5	3	0.100	0.09	0.10	0.06	1	0.0000
Maximum	0.2240	2.0	4	13	20	0.187	0.29	0.24	0.41	1	0.0000

The monthly average total phosphorus concentration was 0.23 mg/L as compared to the discharge limitation of 0.5 mg/L. During the month, the final effluent total phosphorus concentration discharged ranged from 0.10 mg/L to 0.24 mg/L.

During the month of May 2013, there are no anticipated non-compliance issues with respect to the discharge permit limitations. It is noted that the final effluent $CBOD_5$ collected on May 23^{rd} is under review due to suspected test error or contaminated sample. The sample is being retested for $CBOD_5$, including additional analysis for COD.

Table 2 presents the available final effluent data for the month of May.



Table 2

				Table	Z.						
	Ma	y 201	3 - Fin	al Eff	luent	- Out	Fall (001			
	Flow	СВ	OD ₅	T	ss	NH	I ₄ -N	Phosphorus,Total , mg/L		Fecal Co	oliform
NPDES Permit Discharge Limitations	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											
May 7, 2013	0.066	2.0	1.1	5	3	0.100	0.06	0.10	0.06	1	0.0000
May 16, 2013	0.104	2.0	1.7	7	6	0.153	0.13	0.26	0.23	1	0.0000
May 23, 2013	0.089			5	4			0.35	0.26	1	0.0000
May 30, 2013	0.122							0.23	0.23	1	0.0000
Average	0.0953	2.0	1	6	4	0.127	0.09	0.24	0.19	1	0.0000
Minimum	0.0660	2.0	1	5	3	0.100	0.06	0.10	0.06	1	0.0000
Maximum	0.1220	2.0	2	7	6	0.153	0.13	0.35	0.26	1	0.0000

Transfer of treated effluent to the Applebrook Golf Course was initiated on April 26, 2013. The Township Staff replaced the pump due to the original pump being seized and drawing excessive amperage. During May, the replacement pump is discharging an average of 161,512 gallons per day. Table 3 presents available data for the Applebrook discharge.

Table 3

	Ma	ay 20:	13 - Ap	pleb	rook -	Out	Fall 0	02			
	Flow	CB	OD ₅	T	SS	NE	I ₄ -N	,,	ng/L	Fecal C	oliform
NPDES Permit	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
Discharge Limitations	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42				-			
Sample Date											
May 7, 2013	0.158	2.0	2.6	5	7	0.100	0.13	0.10	0.13	1	0.0000
May 16, 2013	0.191	2.0	3.2	7	11	0.153	0.24	0.26	0.41	1	0.0000
May 23, 2013	0.157			5	7			0.35	0.46	1	0.0000
May 30, 2013	0.152							0.23	0.29	1	0.0000
Average	0.1645	2.0	3	6	8	0.127	0.19	0.24	0.32	1	0.0000
Minimum	0.1523	2.0	3	5	7	0,100	0.13	0.10	0.13	_ 1	0.0000
Maximum	0.1905	2.0	3	7	11	0.153	0.24	0.35	0.46	1	0.0000



Table 4 presents the influent wastewater pollutant concentrations and loading entering the wastewater treatment facility. Composite samples are collected at the influent doghouse manhole. 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

	Flow	D/	20	Т	ss	NI	I ₄ -N	TKN	, mg/L	Phospho	rus,Total, g/L
Design Basis	Flow	ы	DD _S	-	33	INI	14-14	IKN	, mg/L	- 311	8/-
	1.00	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										7	
May 7, 2013	0.2794	118	275	138	322	23	54	34.8	81	4.1	10
May 16, 2013	0.3979	131	435	124	411	28	93	36.2	120	4.5	15
May 23, 2013	0.2884		1-24	1	1000	1				100	110
May 30, 2013	0.3786										
Average	0.3361	125	355	131	367	26	73	36	101	4	12
Minimum	0.2794	118	275	124	322	23	54	35	81	4	10
Maximum	0.3979	131	435	138	411	28	93	36	120	5	15

Sequencing batch reactors (SBRs) numbered 1, 3 and 4 were in service during the month of May. Process monitoring of each SBR included ammonia as N, nitrite as N, Nitrate as N, COD, SSV, MLSS and total phosphorus. Microscopic examinations and physical observation of the SBR MLSS and foam color is ongoing. Foam concentrations remained around the same concentration as during March. Present surface area coverage during React Phase ranges from approximately 90 to 100%. The foam remains as light brown in color and averages 2 to 4 inches in depth

Daily monitoring of the influent and final effluent 24-hour composites samples for total phosphorus is ongoing. Daily analysis of the final effluent flow equalization grab sample is total phosphorus 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 was



increased at end of May as total phosphorus concentrations in the SBRs at the end of the React Phase began to increase.

SBR No. 2 remains out of service. The tank was partially filled to allow for the blower to operate to prevent odor production. Transfer of the contents and cleaning of the SBR is planned for June to reduce energy costs and potentials for odors.

Process Monitoring On-Line Instrumentation:

The ChemScan phosphate analyzer remains on line. Comparison testing for reactive (ortho) and total phosphorus has been discontinued due to the large differences in phosphorus values between the onsite and online analyzer.

The Hach Company has expressed interest towards piloting their on line instrumentation. Data is being gathered to assist Hach towards deploying a unit for piloting at RCSTP.

Presented below is a summary of the flow data for May 2013:

Flow data:

	May 2013	
Flow Meter Location	Total Volume for Month, MGD	Average Daily Flow, gpd
Influent Wastewater to Screening Building	10.077	325,052
Influent Wastewater to SBRs	11.125	358,875
Internal Recycle	1.061	35,376
Treated Effluent to Disc Filters	10.539	339,965
Final Effluent Discharge	3.162	102,000
Applebrook Golf Course	5.007	161,512

Chemical Usage:

	May 2013	CATOMAT COLUMN
Chemical	Daily Average	Total Monthly
Soda Ash	339 lbs./day	10,500 pounds
Magnesium Hydroxide	0 gpd	0 gallons
Aluminum Sulfate solution	47 gpd	1,445 gallons
Polymer (centrifuge)	7.1*	164 gallons

^{*}Twenty three (23) days of centrifuge operation



Solids Dewatering and Disposal: May 2013

Sludge Dew	atering Summary
Gallons of sludge dewatered	453,379 gallons
Average Dewatered Total Solids, %	18.%*
Wet Tons	54*
Dry Tons	10*
Number of dumpsters	7

^{*}Total solids, wet ton and dry tons are estimates based on available data at the time this report was prepared.

During the month, 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 10.79 feet and the level at the end of the month was 5.51 feet. The initial total solids concentration was 0.60% and ended the month as 0.57% total solids. A total of 118,478 gallons of supernatant was decanted during the month.

Sludge holding tank No. 2 was in service. The level at the beginning of the month was 13.21 feet and the level at the end of the month was 11.67 feet. The initial total solids concentration was 0.94% and ended the month as 0.67% total solids. Zero (0) gallons of supernatant were decanted during the month.

Significant Storm Events

During May there were no significant rainfall events contributing to excessive influent wastewater flows to the treatment facility.

Minor Repairs and Preventative Maintenance

- Replaced the grease in blowers B1A, B1B, B1C and B2.
- Replaced a failed pump tube for alum feed pump MP-31.
- Requested and received supplies to repair the leaking alum valves.
- Removed the centrifuge controls UPS for repair/replacement.

2013 FLOWMETERS

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EG TWP

MONTH TO DATE
NORMAL MONTH TO DATE
YEAR TO DATE
NORMAL YEAR TO DATE

f: Data/Shared Date/Public Works/flowmeters/2013 flowmeters -all-stations separate month worksheets;004.xls

2013 FLOWMETERS

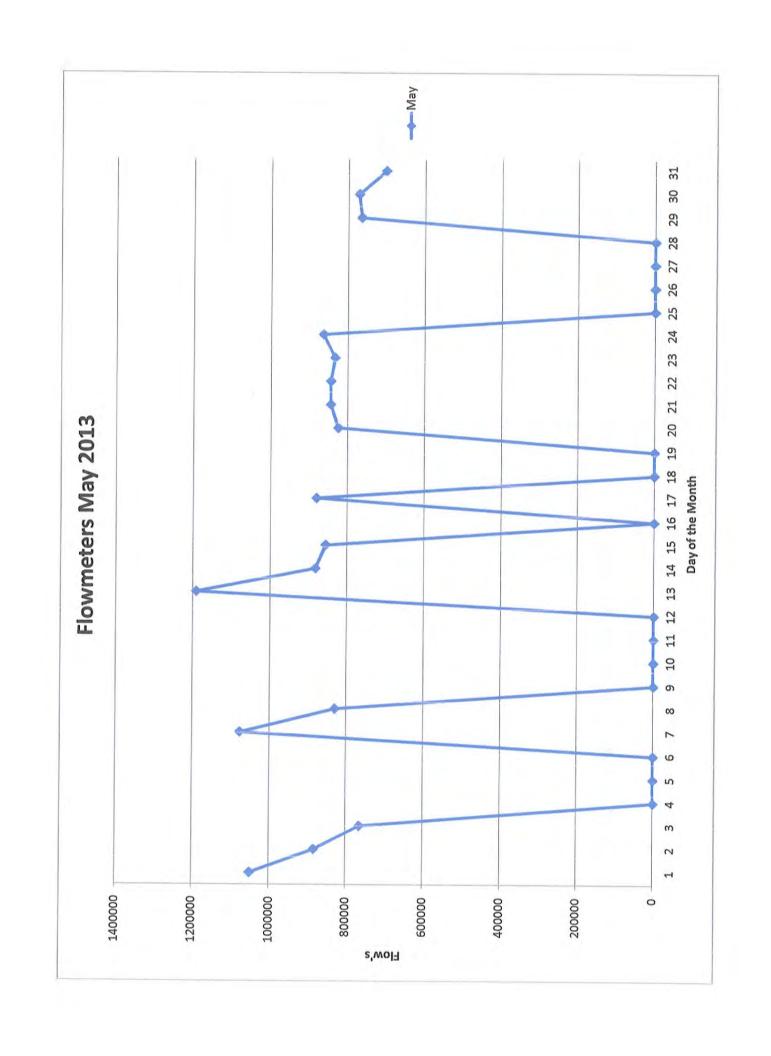
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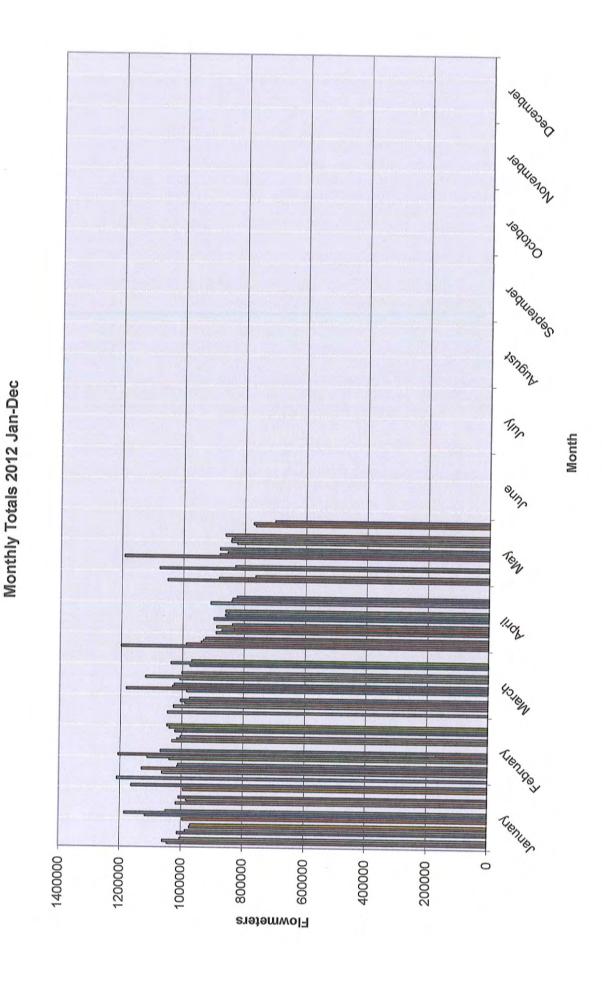
2013 SUMMARY OF METER READINGS

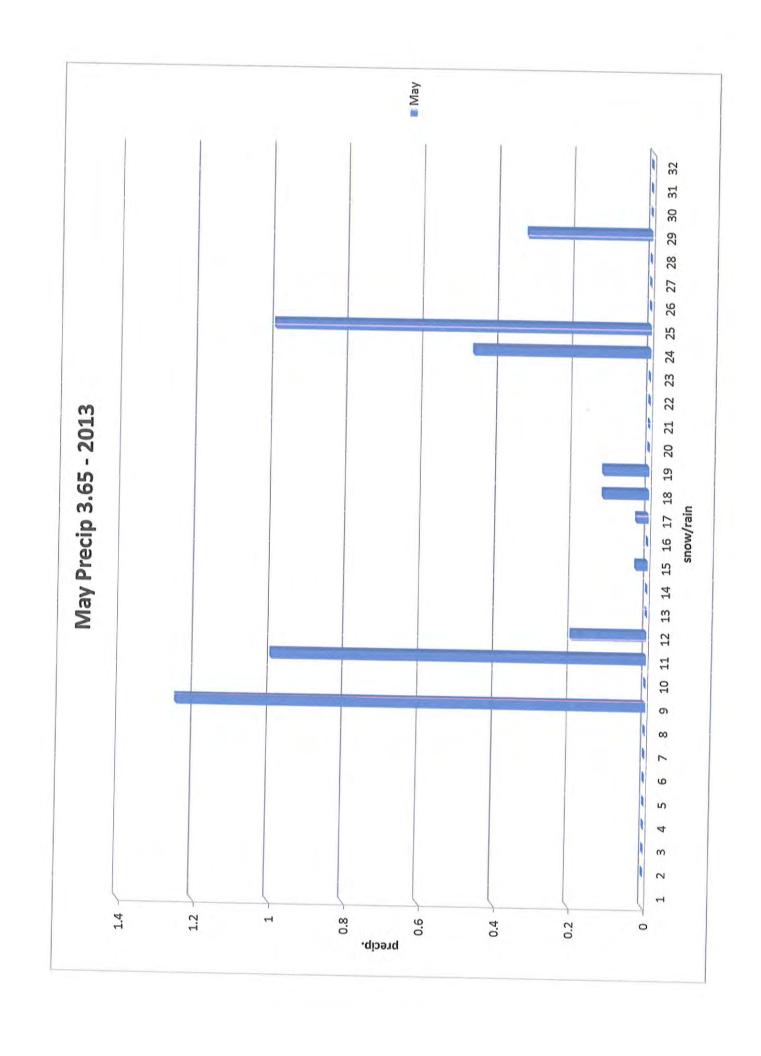
	WESTTOWN	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT	HERSHEY MILL	ASHBRIDGE	HICKS	RESERVOIR	RESERVOIR SHERMAN	BARKWAY
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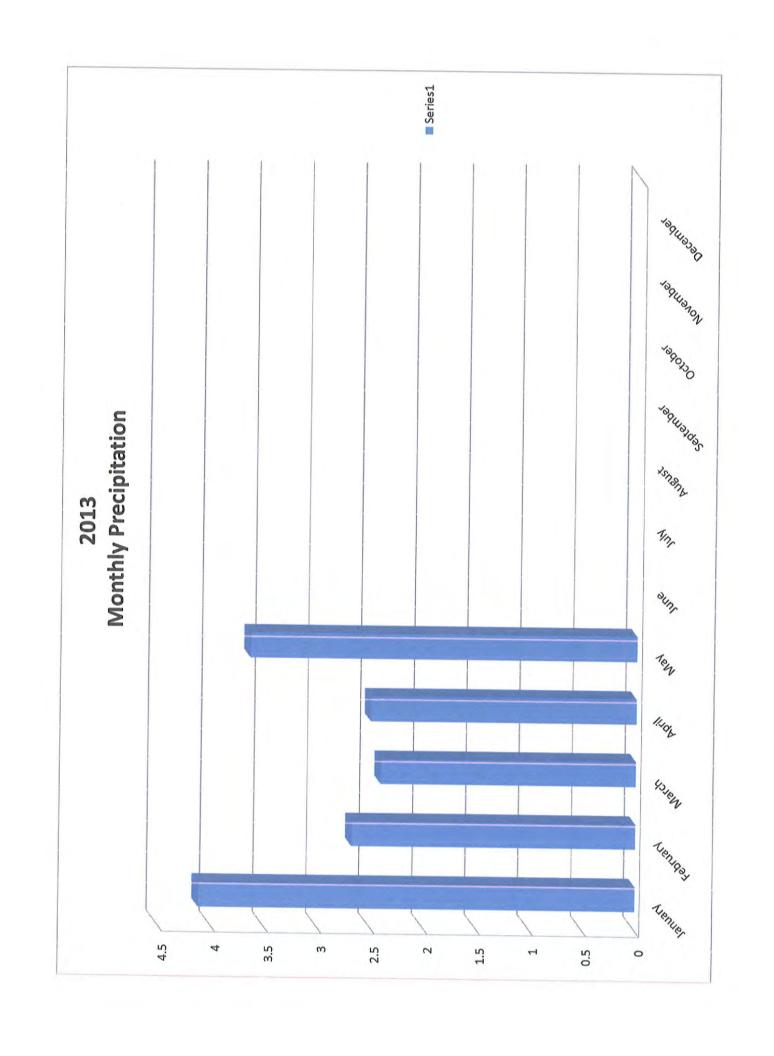
To West Goshen

978,304









RECEIVED



May 2013

Mr. Rick Smith
East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380-6107



The firm has some exciting news to share and as one of our most valued clients, I wanted you to hear it from me first! On Monday May 6, we officially relaunched our company brand! We are now known as "Maillie LLP."

The visible changes include:

- Our Name: We will now be doing business as Maillie LLP.
- 2. Our Logo: To compliment our new name we have a fresh, new, modern logo.
- Our Website: A completely new website has been developed and deployed that will enable us to better serve you and all of our clients. Please visit us at www.maillie.com.

While there will be many exciting changes coming this month, one thing that won't change is our commitment to a tradition of high-quality service and personalized relationships. I hope you enjoy our new look as much as we do. I've included a list of "frequently asked questions" but don't hesitate to call me if you have any additional questions.

Very truly yours,

MAILLIE LLP

James E. Yiaski, CPA Principal

James E. Hach.

Parimes

D. Scott Detar James M. Powers Glerin B. Bachman Raymond T. Mock Robert L. Caruso Edward J. Furman Robert L. Boland Donald J. Pierce Richard A. Flanagan, IV Craig S. Springer Robert C. Hershey, Jr. Gregory J. Shank

Principaly
Edward Fronczkowski
S. Mark Fuga
James E. Yiaski
William Breslawski Jr.
Shawn M. Cahill
Kathleen A. Wileczek

Laurie E, Harvey

Frequently Asked Questions - FAQ's

Q1: Why is Maillie, Falconiero & Company, LLP changing its name to Maillie LLP?

A1: As part of our ongoing evolution, Maillie is rebranding our company with a new look, a new company logo, and a brand new website to better serve our clients. We are now officially Maillie LLP.

Our History has included a lot of Names!

We have a long history of both organic growth and mergers that has resulted in Maillie becoming both a top 25 regional accounting firm and one of the top 200 in the country. Our heritage goes back to 1946 and the current firm still reflects the expertise acquired during all of those mergers, which include:

- Maillie, McCarraher, Lennon & Co., Pottstown, founded in 1946
- Falconiero & Company, King of Prussia, founded in 1964
- Sanville & Fisher, West Chester, founded in 1953
- S.I. Cohn and Associates, P.D., Exton, founded in 1973
- Croft, Drozd & Company, Exton, founded in 1973

Q2: Will the change affect my relationship with Maillie?

A2: No, the rebranding of Maillie is designed only to enhance our ability to communicate with our clients. Your relationships with partners, principals, and staff at Maillie won't change. While we're changing our name slightly, our firm's commitment to high quality and highly personal service remains the hallmark of our commitment to our clients.

Q3: Why a new website?

A3: Have you looked at our old website? Neither had anyone else! A modern and dynamic website is essential to keeping our current clients well informed on issues that will directly affect them and their businesses. While the expertise of the Maillie team has grown steadily over the past 67 years, our communication tools were in need of an update. Today's rapidly changing business environment demands a wide variety of tools that can enable us to help our clients win in the marketplace. The new www.maillie.com website will greatly enhance our ability to provide our clients up-to-date content and two-way communication tools.

Q4: What do I need to do?

A4: Nothing is required on your part. We just didn't want you to be surprised when you see the new company letterhead or venture onto our completely new website. Please feel free to contact your team at Maillie if you have any questions at all. We look forward to continuing to serve your needs in 2013 and beyond... The same way we've done it since 1946.

EAST GOSHEN MUNICIPAL AUTHORITY EAST GOSHEN TOWNSHIP

1550 PAOLI PIKE, WEST CHESTER, PA 19380-6199



May 28, 2013

Bryan Del Monte 1710 Clocktower Drive West Chester, PA 19380

Dear Bryan:

At their meeting on May 13, 2013 the Municipal Authority members considered your request to make real time flow information at the Ridley Creek Sewer Plant available on the Township web page. After reviewing the matter with the Township's computer consultant and with the sewer plant operator, the Authority determined that it would not be possible to accommodate your request.

Our consultant advised that allowing anyone to view the flow information basically opens a window to the computer system that controls the plant processes. His concern is that he could not guarantee that someone could not hack into the system.

In addition our operator opined that doing so may run afoul of recent amendments to the federal regulations concerning the operation of water and wastewater treatment facilities.

I would add that the Municipal Authority Agenda Packet, which is posted on the Township web page monthly, contains a copy of the sewer plant operator's monthly report, which includes the flow data.

Sincerely,

Louis F. Smith, Jr. Township Manager

F:\Data\Shared Data\Public Works Dept\Sewer\Ridley Creek\General\Letter052813.docx

610-692-7171 www.eastgoshen.org

BOARD OF SUPERVISORS EAST GOSHEN TOWNSHIP



CHESTER COUNTY 1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

May 28, 2013

Dear Property Owner:

The purpose of this letter is to inform you that the owner of 1637 Manley Rd., West Chester, PA 19380, has submitted a subdivision sketch plan for review and comment by the Township Planning Commission. The owner, Patricia O'Neill, proposes a 2 lot subdivision of her property. The existing parcel has an area of approximately 5.84 acres and has an existing single family home and accessory structures. The sketch plan proposes the subdivision of one new 1.23 acre lot to the east of the existing home for a new residential single family use.

Pursuant to Township policy, property owners and residents within 1000 feet of the subject property are notified of sketch plan submissions.

The meeting dates and times scheduled for the review and discussion of this application are outlined below and subject to change.

<u>June 5, 2013</u> - Planning Commission meeting (workshop at 7:00 pm, formal meeting @ 7:30 pm) (Presentation of Sketch Plan)

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

Sincerely

Mark A. Gordon

Township Zoning Officer

Cc: All Township Authorities, Boards and Commissions