

EAST GOSHEN MUNICIPAL AUTHORITY

August 12, 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. June 10, 2013
b. June 25, 2013

4. APPROVAL OF INVOICES

Payment Authorized on June 25th

a. Pennoni #552001	Paid	\$	2,770.75
b. Pennoni #552002	Paid	\$	3,072.25
c. Pennoni #552003	Paid	\$	7,301.50
d. Pennoni #552004	Paid	\$	5,803.50
e. Gawthrop Greenwood #109616	Paid	\$	700.00
f. Lochwood Plant Closing	Paid	\$	10,070.71
g. Plymar Invoice #4 Mary Dell Project	Paid	\$	31,620.75
h. Gawthrop Greenwood #110264		\$	240.00
i. Pennoni #555450		\$	714.25
j. Pennoni #555451		\$	1,843.75
k. Pennoni #555452		\$	1,653.75
l. Pennoni #555453		\$	1,653.75
m. Pennoni #555454		\$	330.00
n. Delaware Valley Utility Contractors No. #2		\$	22,097.13

5. LIAISON REPORTS

6. FINANCIAL REPORTS

- a. June and July 2013 Reports

7. OLD BUSINESS

- a.

8. GOALS

- a. July Goals

9. NEW BUSINESS

- a. Review preliminary 2014 Budget

10. CAPACITY REQUESTS
 - a. None

11. SEWER REPORTS
 - a. Director of Public Works Report
 - b. Pennoni Engineer's Report
 - c. Big Fish Environmental Inc Report with DMR's
 - d. East Goshen Township Flows for June and July 2013

12. ANY OTHER MATTER

13. CORRESPONDENCE AND REPORTS OF INTEREST

14. PUBLIC COMMENT

15. ADJOURNMENT

Reminder – NEWSLETTER ARTICLE SUBMISSION DUE DATES:

Article Due Date

Website Posting Date

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draft
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
June 10, 2013

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The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday, June 10, 2013 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Fran Beck, Jack Yahraes, Dana Pizarro, and Kevin Cummings. Also in attendance were: Rick Smith (Township Manager), Carmen Battavio (Township Supervisor), Mark Miller (Director of Public Works), Dan Barbato & Mike Ellis (Pennoni), Scott Towler (BFES), and Walter Wujcik (Conservancy Board).

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COMMON ACRONYMS:

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

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Call to Order & Pledge of Allegiance

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

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Big Fish Environmental Services

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Treatment Process Operation – During the month of April 2013, there were no exceedances of the final effluent discharge limitations for Outfall 001. Flow to Applebrook, Outfall 002, began on April 26th. 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 CBOD₅, collected on May 23rd is under review due to suspected test error or contaminated sample. The sample is being retested for CBOD₅ including additional analysis for COD.

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/day. 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.

SBRs 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.

1 Present surface area coverage during React Phase ranges from approximately 90 to 100%. The
2 foam remains as light brown in color and averages 2 to 4 inches in depth.

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

6 Addition of aluminum sulfate solution to the SBRs to assist with phosphorus removal continued.

7 The volume of aluminum sulfate solution to the SBRs was increased at the end of May as total
8 phosphorus concentrations in the SBRs at the end of the React Phase began to increase.

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

12 Process Monitoring On-Line Instrumentation:

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

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

18 During the month, sludge wasting to the sludge holding tanks and decanting of the sludge
19 holding tanks was ongoing. Process monitoring included pH, total alkalinity and total solids.
20 Sludge holding tank No 1 was in service. The level at the beginning of the month was 10.79 feet
21 and the level at the end of the month was 5.51 feet. The initial total solids concentration was
22 0.60% and ended the month as 0.57% total solids. A total of 118,478 gallons of supernatant was
23 decanted during the month.

24 Significant Storm Events:

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

27 Minor Repairs and preventative Maintenance:

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

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33 Chairman's Report

- 34 1. Kevin attended the West Goshen meeting. Nothing to report.

35

36 Approval of Minutes

37 The Chairman noted that the minutes of the May 13, 2013 meeting were approved as corrected.

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39 Approval of Invoices

- 40 1. Jack moved to approve payment of 5 Pennoni invoices:

41 #548281 \$ 427.50

42 #548282 \$ 393.75

43 #548283 \$ 401.50

44 #548284 \$4,429.25

45 #548285 \$7,301.00

46 Dana seconded the motion. There was no discussion. The motion passed unanimously.

1 Jack moved to approve payment of Earthcore invoice #6478 (paid #2179) for \$2,600.00. Kevin
2 seconded the motion. There was no discussion. The motion passed unanimously.
3 Jack moved to approve payment of PA DOT invoice \$4,089.21. Dana seconded the motion.
4 Rick explained that this is a fee for services. The motion passed unanimously.
5 Kevin moved to approve payment of Plymar Invoice #3 Marydell PS Project for \$50,608.00 and
6 change order #1 (for a french drain) for \$1,360.00. Jack seconded the motion. There was no
7 discussion. The motion passed.
8 Dana moved to approve payment of Delaware Valley Utility Contractors Inc. Application #1 for
9 \$135,130.49. Jack seconded the motion. There was no discussion. The motion passed
10 unanimously.

11 12 **Liaison Reports**

13 1. Conservancy Board – Walter reported that the Board will discuss the bid from Weeds Inc. for
14 spraying. They will discuss plant conditions at Paoli Pike and Line Road.
15 2. Board of Supervisors – Carmen reported that they had the annual strategic planning session
16 with Jon Altshul and township staff. Revenues are good. The Township is in good shape
17 financially. They are looking at several options for bonds. Thom Clapper is resigning effective
18 immediately so there will be a meeting tomorrow night, 6/11/13, to accept his resignation and
19 decide what method to use to replace him.

20 21 **Financial Reports**

22 1. Jon Altshul, CFO, provided reports with the following comment: The Municipal
23 Authority recorded \$122,852.36 in expenses and \$99,171.78 in revenues (primarily from
24 transfers from the Sewer Capital Reserve and Sewer Operating funds) in the month of May a
25 difference of -\$23,680.58 (in a strangely symmetric twist, the net income in April was +\$23,
26 600.58). The fund balance is now \$49,283.73.

27 28 **Old Business**

29 None

30 31 **Goals**

32 1. Newsletter – Dana provided an article for June and Kevin also provided one on the same
33 subject. Rick reported that the letter from the Municipal Authority was sent to the Board of
34 Supervisors recommending that they reconsider their decision to stop delivery of the paper
35 newsletter. The BOS asked Rick to research options for a paper newsletter.
36 2. Mark reported that on the Lochwood project the back pond is finished, they seeded straw
37 back to the plant and only need to take care of the fence.

38 39 **New Business**

40 1. Proposal for Professional Services from Pennoni for the Reserve Pump Station. Rick
41 reported that bids are due June 19, 2013 and a construction contract award is projected to occur
42 on Tuesday, June 25, 2013 at an 8:00 a.m. meeting. Work is scheduled to start in July and be
43 done in October. Pennoni's estimated fee is \$20,000. Kevin moved to accept the Pennoni
44 proposal in the amount of \$20,000.00. Fran seconded the motion. There was no further
45 discussion. The motion passed unanimously.

46 2. Rick will prepare a report for the Board of Supervisors on the 2013 Goals.

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2 **Capacity Requests**

3 None
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5 **Sewer Reports**

6 1. **Mark Miller, Director of Public Works**, provided the following report for May:

7 Meters – The meters were read on a daily basis. No problems to report. The portable
8 flows are being read on a weekly basis

9 Pump Stations – Were visited on a daily basis.

10 CC Collection: We had a problem with the Barkway Pump Station. The control board
11 went bad. M.S. Service was called in to replace the board.

12 The backup float system was acting up at the Hershey Mill Pump Station. They pulled
13 two floats and replaced them.

14 The Hershey Mill Force has been switched over. They noticed a big difference in the
15 pumps due to less head pressure. The switch over went well.

16 They were notified of a sewer back up on Barker Drive. The blockage was cleared.

17 They were notified a week later of another clog. They dug up the trap and found a piece
18 of cast iron pipe broken off and wedged in the pipe.

19 They were called out to Heather Lane for a sewer odor. They pulled the sketch plan of
20 the sewer lateral from the house to the street and this allowed them to locate a cleanout
21 which had a broken cap. The cap was replaced.

22 R.C. Collection: All pump stations were visited on a daily basis. No problems to report.

23 R.C. Plant: Scott asked to meet to go over some minor problems. Nothing else to report.

24 Alarms: They received a total of 22 alarms

25 PA One Calls: They received 94 PA One calls for the month of May.
26

27 2. **Pennoni**: Dan Barbato announced that Mike Ellis would be taking his place at the
28 monthly meetings. Jack thanked Dan for his services and welcomed Mike as the
29 engineering representative.

30 Mike provided the following engineer's report:

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

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

35 Marydell PS Elimination – We continued to perform field observation of the sewer
36 construction including jacking and boring across Boot Road, sewer installation through
37 the island at the intersection of Boot Road and Paoli Pike, pressure testing of three new
38 sewer runs along Paoli Pike and restoration paving.

39 We received the contractor's third payment request and forwarded our recommendation
40 to the Township. We also reviewed two change order requests. We forwarded Change
41 Order #1 to the Township and we are awaiting additional documentation from the
42 contractor before we prepare Change Order #2.

43 We anticipate another 2-3 weeks from the time of this report to complete the project,
44 estimated completion in late June. The contract completion date is July 15.

45 Hershey's Mill PS Diversion: We continued to perform office support and field
46 observation of the work, including cured-in-place manhole lining, directional drilling and

1 pipe installation, gate valve installation, hydrostatic pressure testing, pumping and
2 hauling wastewater from the Hershey's Mill PS during the temporary shut-down,
3 connections to existing force main and existing tie-in manhole, activation of the diverted
4 force main, existing force main flushing and abandonment, and temporary pavement
5 restoration.

6 We received additional shop drawings for relief valves for pressure testing and manhole
7 ladders.

8 Only limited work remains: punch list items, installation of a plug in the abandoned pipe
9 at the manhole on Clover Lane, site clean-up and restoration, and removal of temporary
10 paving and replacement with permanent paving. The punch list and restoration work is
11 expected to be completed within the next 1-2 weeks, and the contractor intends to install
12 permanent paving in early July.

13 We reviewed the contractor's first payment request and notified the contractor of required
14 revisions. We will forward our recommendation to the Township prior to the June
15 Authority meeting.

16 Reserve PS Elimination – We finalized the plans and specifications and solicited the
17 project on PennBID on May 17, 2013. Bids are due June 19, 2013 at 10:00 a.m. with the
18 intent to award the project at the Special Authority meeting on June 25, 2013.

19 Construction will likely begin in mid to late July and the contract duration is 90 days.

20 We attended a non-mandatory pre-bid meeting on June 4, 2013. Four (4) contractors
21 attended.

22 We also issued Addendum #1 and responded to questions from prospective bidders.

23 Reservoir Road Pump Station – We updated our scope concept and cost estimate from
24 2009 and forwarded a summary memo to the Township.

25
26 **Any Other Matter**

27 None

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29 **Correspondence**

30 1. Rick received a letter announcing that as of May 6, 2013 the Authority's accounting
31 firm's name is Maillie LLP.

32
33 **Adjournment**

34 There being no further business, Jack moved to adjourn the meeting. Dana seconded the motion.
35 The motion passed unanimously. The meeting was adjourned at 8:05 pm.

36
37 Respectfully submitted,

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40 Ruth Kiefer
41 Recording Secretary

draft
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
June 25, 2013

The East Goshen Township Municipal Authority held a special public meeting on Monday, June 25, 2013 at 8:00 am at the East Goshen Township building. Members in attendance were: Chairman Fran Beck, Jack Yahraes, Dana Pizarro, Kevin Cummings and Ed McAssey. Also in attendance were: Rick Smith (Township Manager) and Mark Miller (Director of Public Works).

COMMON ACRONYMS:

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

Call to Order & Pledge of Allegiance

Fran called the meeting to order at 8:00 am and led those present in the Pledge of Allegiance. There was a moment of silence to remember the troops. Fran asked if anyone would be recording the meeting and there was no response.

Reserve Pump Station Sanitary Sewer Diversion Bid

The Award Recommendation letter from Michael Ellis of Pennoni Associates was reviewed by the members of the Authority. The bids were as follows:

Ron Smith Inc.	\$108,652.00
A. Gargiule Sons Inc.	\$155,325.00
Reybold Construction Group	\$180,972.00
Montant Construction Corp Inc	\$256,410.00

Kevin moved to accept the bid of Ronald Smith Inc. in the amount of \$108,652.00 for the Reserve Pump Station Sanitary Sewer Diversion subject to receipt of the bond and execution of documents. Jack seconded the motion. The motion passed unanimously.

2013 Budget

Rick suggested that, since all the numbers are known, the 2013 budget should be amended as follows:

	<u>2013 Approved</u>	<u>Change</u>	<u>2013 Revised</u>
Transfer from Sewer Cap Reserve	\$786,769	+ \$28,000	\$814,769
Reserve Pump Station – Engineer	\$25,000	+ \$11,000	\$ 36,000
Reserve Pump Station – Construction	\$93,000	+ \$17,000	\$110,000

Kevin feels the construction amount should be increased to \$125,000.00. After discussion, Kevin moved to amend the 2013 Municipal Authority Budget as per Rick’s suggestion increasing the Construction amount from \$110,000 to \$125,000. Ed seconded the motion. The motion passed unanimously.

1
2 **July Meeting**

3 Rick suggested that the Authority give preapproval of payment of invoices to him and cancel
4 their July meeting. He had the Gawthrop invoice for \$700. Jack moved to approve payment of
5 the Gawthrop invoice in the amount of \$700. Ed seconded the motion. The motion passed
6 unanimously.

7 Fran moved to authorize Rick to approve payment of invoices subject to ratification at the
8 Municipal Authority's August 2013 meeting. Jack seconded the motion. The motion passed
9 unanimously.

10 There will be no meeting in July 2013.

11
12 **Marydell Pump Station Elimination**

13 Rick reported that sewer installation through the island at the intersection of Boot Road and Paoli
14 Pike is done. The final paving of the street needs to be done.

15
16 **Audit for 2012**

17 Rick distributed copies of the East Goshen Municipal Authority Annual Financial Report for
18 Year Ended December 31, 2012. He pointed out that Maillie LLP determined that, with the
19 hiring of Jon Altshul, CFO, the Authority has the capability to prepare the audit report so the
20 typical finding regarding this issue is not in the audit report.

21
22 **Adjournment**

23 There being no further business, Dana moved to adjourn the meeting. Kevin seconded the
24 motion. The motion passed unanimously. The meeting was adjourned at 8:20 am.

25
26 Respectfully submitted,

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29 Ruth Kiefer
30 Recording Secretary



INVOICE

Newark, DE
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 # : 552001
Invoice Date : 06/27/2013
Project : EGMA1107
Project Name : HersheyMill & Reserve PS Div Des
Per

For Services Rendered through: 6/16/2013

Reserve PS Diversion bid assistance: finalized bid plans and specifications, uploaded project to PennBID website, responded to questions from prospective bidders, evaluated subsurface auger probe results, issued Addendum #1, and conducted pre-bid meeting.

Phase : 1 -- Design

Total Phase : 1 -- Design

Labor : 2,734.25
Expense : 0.00
Phase Total : 2,734.25

Phase : 7 -- Bid Assistance

Total Phase : 7 -- Bid Assistance

Labor : 36.50
Expense : 0.00
Phase Total : 36.50

Amount Due This Invoice

\$2,770.75

Fee : 69,200.00
Prior Billings : 65,161.25
Current Billings : 2,770.75
Total Billings : 67,932.00

OK RS 7-1-13

Continued on next page...

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

...Continued from previous page

Phase : 1 -- Design

Labor Class	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
Senior Engineer	17.25	105.00	1,811.25
Graduate Engineer	9.75	73.00	711.75
Engineering Technician 1	3.25	65.00	211.25
Labor Total:	30.25		2,734.25

Total Phase : 1 -- Design	Labor :	\$2,734.25
	Expense :	\$0.00

Phase : 7 -- Bid Assistance

Labor Class	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
Graduate Engineer	0.50	73.00	36.50
Labor Total:	0.50		36.50

Total Phase : 7 -- Bid Assistance	Labor :	\$36.50
	Expense :	\$0.00

Total Project : EGMA1107 -- HersheyMill & Reserve PS Div Des Per	Labor :	\$2,770.75
	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
EGMA1107 Invoice Summary
Invoice Date 06/27/13

Project : Hershey Mill & Reserve PS Diverse Design & Permitting
Pennoni Job No. : EGMA1107
Invoice No. : 552001
Invoice Period : 5/12/2013 to 6/16/2013
Initial Authorization : \$ 60,200.00 **Date :** 7/7/2012
Changes : \$ 9,000.00 **Date :**
Contract Amount : \$ 69,200.00
Previously Invoiced : \$ 65,161.25
Current Invoice : \$ 2,770.75
Invoiced to Date (\$) : \$ 67,932.00
Invoiced to Date (%) : 98%
Remaining Budget (\$) : \$ 1,268.00
Remaining Budget (%) : 2%

Budget by Phase :
Phase No. 01
Phase Name : Hershey Mill &
Reserve PS
Phase Budget : \$ 69,200.00
Previousy Invoiced : \$ 65,161.25
Current Invoice : \$ 2,770.75
Invoiced to Date (\$) : \$ 67,932.00
Invoiced to Date (%) : 98%
Remaining Budget (\$) : \$ 1,268.00
Remaining Budget (%) : 2%

Comments : Reserve PS Diversion bid assistance: final bid plans and specifications, uploaded project to PennBID website, responded to questions from prospective bidders, evaluated subsurface auger probe results, issued Addendum #1, and conducted pre-bid meeting.



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

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

Invoice # : 552002
Invoice Date : 06/27/2013
Project : EGMA1301
Project Name : 2013 General Services

For Services Rendered through: 6/16/2013

Prepared and issued Reservoir Road Pump Station Conceptual Cost Estimate Update memorandum including conceptual cost estimates for open cut vs. horizontal direction drilling installation, conceptual layout exhibit, and research of previous "slip stream" diversions in Southeast PA. Reviewed and edited newsletter article about sewer diversions. Attended field scoping meeting at Hershey's Mill PS with M. Miller and MGK Industries about air/vacuum valving, backpressure controls, and pipe replacements; researched valving alternatives with manufacturers. Attended May and June MA meetings and prepared Engineer's Report for June MA meeting.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor : 3,072.25
Expense : 0.00
Phase Total : 3,072.25

Amount Due This Invoice

\$3,072.25

Fee : 10,000.00
Prior Billings : 2,722.50
Current Billings : 3,072.25
Total Billings : 5,794.75

Phase : **** -- Professional Services

Labor Class	Hours/ Units	Rate	Amount
Authority Engineer	6.00	110.00	660.00
Senior Engineer	15.50	105.00	1,627.50
Graduate Engineer	10.75	73.00	784.75
Labor Total:	32.25		3,072.25

Total Phase : **** -- Professional Services

Labor : 3,072.25
Expense : 0.00

Total Project : EGMA1301 -- 2013 General Services

Labor : 3,072.25
Expense : 0.00

ok RS 7-1-13

East Goshen Municipal Authority
EGMA1301 Invoice Summary
Invoice Date 06/27/13

Project : 2013 General Services
Pennoni Job No. : EGMA1301
Invoice No. : 552002
Invoice Period : 5/13/2013 to 6/16/2013
Initial Authorization : \$ 10,000.00 Date :
Changes : \$ - Date :
Contract Amount : \$ 10,000.00
Previously Invoiced : \$ 2,722.50
Current Invoice : \$ 3,072.25
Invoiced to Date (\$) : \$ 5,794.75
Invoiced to Date (%) : 58%
Remaining Budget (\$) : \$ 4,205.25
Remaining Budget (%) : 42%

Budget by Phase :
Phase No. ****
Phase Name : 2013 General Services
Phase Budget : \$ 10,000.00
Previousy Invoiced : \$ 2,722.50
Current Invoice : \$ 3,072.25
Invoiced to Date (\$) : \$ 5,794.75
Invoiced to Date (%) : 58%
Remaining Budget (\$) : \$ 4,205.25
Remaining Budget (%) : 42%

Comments : Prepared and issued Reservoir Road Pump Station Conceptual Cost Estimate Update m conceptual cost estimates for open cut vs. horizontal direction drilling installation, conceptual layou previous "slip stream" diversions in Southeast PA. Reviewed and edited newsletter article about se field scoping meeting at Hershey's Mill PS with M. Miller and MGK Industries about air/vacuum valv and pipe replacements; researched valving alternatives with manufacturers. Attended May and Jun prepared Engineer's Report for June MA meeting.



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

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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 # : 552003
Invoice Date : 06/27/2013
Project : EGMA1304
Project Name : Hershey Mill PS Div Construction
Ph

For Services Rendered through: 6/16/2013

Performed on-site daily part-time construction observation; provided office design support of inspector and responses to contractor's questions; reviewed shop drawings, and processed Pay Application #1.

Phase : ** -- Professional Services**

Total Phase : ** -- Professional Services**

Labor : 7,301.50
Expense : 0.00
Phase Total : 7,301.50

Amount Due This Invoice

\$7,301.50

Fee : 20,000.00
Prior Billings : 7,986.25
Current Billings : 7,301.50
Total Billings : 15,287.75

Phase : ** -- Professional Services**

Labor Class	Hours/Units	Rate	Amount
Senior Engineer	19.25	105.00	2,021.25
Technical Specialist	58.50	75.00	4,387.50
Graduate Engineer	3.25	73.00	237.25
Project Representative/Inspector	9.50	69.00	655.50
Labor Total:	90.50		7,301.50

Total Phase : ** -- Professional Services**

Labor : \$7,301.50
Expense : \$0.00

Total Project : EGMA1304 -- Hershey Mill PS Div Construction Ph

Labor : \$7,301.50
Expense : \$0.00

OK IRS 7-1-13

East Goshen Municipal Authority
EGMA1304 Invoice Summary
Invoice Date 06/27/13

Project : Hershey Mill PS Div Construction Phase
Pennoni Job No. : EGMA1304
Invoice No. : 552003
Invoice Period : 5/13/2013 to 6/16/2013
Initial Authorization : \$ 20,000.00 **Date :** 1/16/2013
Changes : **Date :**
Contract Amount : \$ 20,000.00
Previously Invoiced : \$ 7,986.25
Current Invoice : \$ 7,301.50
Invoiced to Date (\$) : \$ 15,287.75
Invoiced to Date (%) : 76%
Remaining Budget (\$) : \$ 4,712.25
Remaining Budget (%) : 24%

Budget by Phase :
Phase No. ****
Phase Name : Hershey Mill PS
Div
Phase Budget : \$ 20,000.00
Previously Invoiced : \$ 7,986.25
Current Invoice : \$ 7,301.50
Invoiced to Date (\$) : \$ 15,287.75
Invoiced to Date (%) : 76%
Remaining Budget (\$) : \$ 4,712.25
Remaining Budget (%) : 24%

Comments : Performed on-site daily part-time construction observation; provided office design support responses to contractor's questions; reviewed shop drawings, and processed Pay Application #1.



INVOICE
 Newark, DE
 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 # : 552004
Invoice Date : 06/27/2013
Project : EGMA1305
Project Name : Marydell PS Diversion Construction

For Services Rendered through: 6/16/2013

Performed on-site daily part-time construction observation; provided office design support of inspector and responses to contractor's questions; coordinated with PECO to brace utility pole in island; processed Pay Application #3; and reviewed and negotiated Change Orders #1 and #2.

Phase : ** -- Professional Services**

Total Phase : ** -- Professional Services**

Labor : 5,803.50
Expense : 0.00
Phase Total : 5,803.50

Amount Due This Invoice

\$5,803.50

Fee : 29,000.00
Prior Billings : 20,669.00
Current Billings : 5,803.50
Total Billings : 26,472.50

Phase : ** -- Professional Services**

Labor Class	Hours/Units	Rate	Amount
Senior Engineer	3.50	105.00	367.50
Technical Specialist	43.50	75.00	3,262.50
Project Representative/Inspector	31.50	69.00	2,173.50
Labor Total:	78.50		5,803.50

Total Phase : ** -- Professional Services**

Labor : \$5,803.50
Expense : \$0.00

Total Project : EGMA1305 -- Marydell PS Diversion Construction

Labor : \$5,803.50
Expense : \$0.00

OK R S 7-1-13

East Goshen Municipal Authority
EGMA1305 Invoice Summary
Invoice Date 06/27/2013

Project : Marydell PS Diversion Construction
Pennoni Job No. : EGMA1305
Invoice No. : 552004
Invoice Period : 5/13/2013 to 6/16/2013
Initial Authorization : \$ 29,000.00 **Date :** 1/16/2013
Changes : **Date :**
Contract Amount : \$ 29,000.00
Previously Invoiced : \$ 20,669.00
Current Invoice : \$ 5,803.50
Invoiced to Date (\$) : \$ 26,472.50
Invoiced to Date (%) : 91%
Remaining Budget (\$) : \$ 2,527.50
Remaining Budget (%) : 9%

Budget by Phase :

Phase No. *****
Phase Name : Marydell PS
Diversion
Phase Budget : \$ 29,000.00
Previousy Invoiced : \$ 20,669.00
Current Invoice : \$ 5,803.50
Invoiced to Date (\$) : \$ 26,472.50
Invoiced to Date (%) : 91%
Remaining Budget (\$) : \$ 2,527.50
Remaining Budget (%) : 9%

Comments : Performed on-site daily part-time construction observation; provided office design support questions; coordinated with PECO to brace utility pole in island; processed Pay Application #3; and r



East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
05/31/2013
Client No: 6604-001M
Invoice No. 109616

General Authority Services

Fees

		Hours	
05/13/2013			
RFA	Review packet for 5/13 meeting and attend regular meeting of Authority.	2.50	
05/17/2013			
SAK	Record Right of Way Agreement with the Recorder of Deeds.	0.30	
05/29/2013			
RFA	Review letter from A Zarro regarding Preserve at Applebrook; letter to L Smith sending original agreement regarding same.	0.60	
	For Current Services Rendered	3.40	644.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Robert F. Adams	3.10	\$200.00	\$620.00
Stephanie A. Keller	0.30	80.00	24.00

Expenses

	Recorder of Deeds - Spring Meadows - ROW Agreement	56.00
	Total Expenses Thru 05/31/2013	56.00
	Previous Balance	\$3,364.00
	Total Current Charges	700.00
05/15/2013	Cost Advance Payment	-60.00
05/15/2013	Fee Payment	-3,304.00
	Total Payments	-3,364.00
	Balance Due	\$700.00

ok RS
6/18/13

\$700.00

East Goshen Municipal Authority

General Authority Services

Page: 2
05/31/2013
Client No: 6604-001M
Invoice No. 109616

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

Memo

To: Municipal Authority

From: Tia Piccolo

Date: July 24, 2013

Re: Lochwood Plant Closing Labor Costs as of 06/24/13

Please note that from 3/28/13 - 6/24/13, \$10,070.71 has been reported in labor and equipment costs related to the closing of the Lochwood Plant.

We recommend that the Municipal Authority approve these charges.

Employees	Reg	OT
Total Hours	145	2
Total Cost	4,474.13	96.50
Equipment		
Total Hours	83.5	
Total Cost	5,500.08	

OK RS - 7-2-13

AIA Document G702™ - 1992

Application and Certificate for Payment

TO OWNER: East Goshen Municipal Authority
 PROJECT: Marydel Pump Station Diversion
 APPLICATION NO: 4
 PERIOD TO: 6/21/13
 DISTRIBUTION TO: OWNER ARCHITECT CONTRACTOR FIELD OTHER

FROM CONTRACTOR: Ply-Mar Construction Co., Inc
 VIA ARCHITECT:
 965 Plymouth Road
 Plymouth Meeting, PA 19462
 CONTRACT FOR: Sewer Construction
 CONTRACT DATE: 3/15/13
 PROJECT NOS: MPS-2013

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. AIA Document G703™, Continuation Sheet, is attached.

1. ORIGINAL CONTRACT SUM \$ 229,835.00
2. NET CHANGE BY CHANGE ORDERS \$ 1,360.00
3. CONTRACT SUM TO DATE (Line 1 + 2) \$ 231,195.00
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$ 192,245.00
5. RETAINAGE:
 - a. 5 % of Completed Work (Columns D + E on G703) \$ 9,612.25
 - b. _____ % of Stored Material (Column F on G703) \$ 0.00
- Total Retainage (Lines 5a + 5b, or Total in Column I of G703) \$ 9,612.25
6. TOTAL EARNED LESS RETAINAGE \$ 186,632.75
 (Line 4 minus Line 5 Total)
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT \$ 151,012.00
 (Line 6 from prior Certificate)
8. CURRENT PAYMENT DUE \$ 35,620.75
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 minus Line 6) \$ 44,562.25

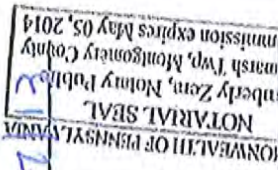
CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$ 1,360.00	\$ 0.00
Total approved this month	\$ 0.00	\$ 0.00
TOTAL	\$ 1,360.00	\$ 0.00
NET CHANGES by Change Order	\$ 1,360.00	\$ 0.00

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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The undersigned Contractor certifies that to the best of the Contractor's knowledge, information 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 which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: [Signature]
 By: [Signature]
 State of: PA
 County of: Montgomery day of June 13
 Subscribed and sworn to before me this _____
 Notary Public: [Signature]
 My commission expires: 05 May 2014



ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$ 31,620.75
 (Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT: [Signature]
 By: [Signature]
 Date: 7/1/13

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

OK 125-7-2-13

AIA[®] Document G703[™] - 1992

Continuation Sheet

AIA Document G702[™]-1992, Application and Certificate for Payment, or G732[™]-2009, Application and Certificate for Payment, Construction Manager as Adviser Edition, containing Contractor's signed certification is attached.
 In tabulations below, amounts are in US dollars.
 Use Column I on Contracts where variable retainages for line items may apply.

APPLICATION NO: 4
 APPLICATION DATE: 6 / 27 / 13
 PERIOD TO: 6 / 21 / 13
 ARCHITECT'S PROJECT NO: MPS - 2013

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		E THIS PERIOD	F MATERIALS PRESENTLY STORED (Not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C-G)	I RETAINAGE (If variable rate)
			FROM PREVIOUS APPLICATION (D ÷ E)	THIS PERIOD					
1	Site Preparation (1 LS)	\$44,000.00	\$33,000.00	\$0.00	\$0.00		\$33,000.00	\$11,000.00	\$1,650.00
2	E & S Controls (1 LS)	\$3,000.00	\$1,000.00	\$0.00	\$0.00		\$1,000.00	\$2,000.00	\$50.00
3	8" Main in Paved Area (0-10') (258 LF)	\$31,080.00	\$21,000.00	\$3,150.00	\$3,150.00		\$24,150.00	\$6,930.00	\$1,207.50
4	8" Main Paved Area (10-15') (88 LF)	\$11,440.00	\$18,460.00	\$0.00	\$0.00		\$18,460.00	\$0.00	\$923.00
5	8" Main Un-Paved (0-10') (114 LF)	\$5,130.00	\$0.00	\$3,465.00	\$3,465.00		\$3,465.00	\$1,665.00	\$173.25
6	8" Main Un-Paved (10-15') (255 LF)	\$11,475.00	\$0.00	\$13,500.00	\$13,500.00		\$13,500.00	\$0.00	\$675.00
7	MH-6 to EXMH-201 (82 LF)	\$24,600.00	\$24,600.00	\$0.00	\$0.00		\$24,600.00	\$0.00	\$1,230.00
8	J & B Boot Road (118 LF)	\$27,140.00	\$26,220.00	\$920.00	\$920.00		\$27,140.00	\$0.00	\$1,357.00
9	Manhole (0-10') (3 EA)	\$9,000.00	\$6,000.00	\$3,000.00	\$3,000.00		\$9,000.00	\$0.00	\$450.00
10	Manhole (10-15') (2 EA)	\$7,000.00	\$7,000.00	\$0.00	\$0.00		\$7,000.00	\$0.00	\$350.00
11	4" Service Lateral (1 EA)	\$1,000.00	\$0.00	\$750.00	\$750.00		\$750.00	\$250.00	\$37.50
12	Low Pressure Sewer Lat. (1 LS)	\$1,000.00	\$0.00	\$1,000.00	\$1,000.00		\$1,000.00	\$0.00	\$50.00
13	Full Depth Paving (275 SY)	\$22,000.00	\$12,760.00	\$0.00	\$0.00		\$12,760.00	\$9,240.00	\$638.00
14	Demo Pump Station (1 LS)	\$6,500.00	\$0.00	\$6,500.00	\$6,500.00		\$6,500.00	\$0.00	\$325.00
15	Traffic Maintenance (1 LS)	\$2,000.00	\$0.00	\$1,000.00	\$1,000.00		\$1,000.00	\$1,000.00	\$50.00
16	Mill & Overlay Paoli Pike (75 SY)	\$2,250.00	\$0.00	\$0.00	\$0.00		\$0.00	\$2,250.00	\$0.00
17	Curb Replacement (30 LF)	\$1,500.00	\$0.00	\$0.00	\$0.00		\$0.00	\$1,500.00	\$0.00
18	Misc Exc. & 2A Backfill (20 CY)	\$1,200.00	\$0.00	\$0.00	\$0.00		\$0.00	\$1,200.00	\$0.00
19	Misc. Exc. & Soil Backfill (20 CY)	\$600.00	\$1,560.00	\$0.00	\$0.00		\$1,560.00	\$0.00	\$78.00
20	Concrete Encasement (20 LF)	\$1,000.00	\$0.00	\$0.00	\$0.00		\$0.00	\$1,000.00	\$0.00
21	Mill & Overlay Paoli Pike (455 SY)	\$10,920.00	\$0.00	\$0.00	\$0.00		\$0.00	\$10,920.00	\$0.00
22	Soft Dig Test Pits (3 EA)	\$6,000.00	\$6,000.00	\$0.00	\$0.00		\$6,000.00	\$0.00	\$300.00
23	CO#1 U-Drain (58 LF)	\$1,360.00	\$1,360.00	\$0.00	\$0.00		\$1,360.00	\$0.00	\$68.00
GRAND TOTAL		\$231,195.00	\$158,960.00	\$33,285.00	\$33,285.00		\$192,245.00	\$48,955.00	\$9,642.25

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Gawthrop Greenwood, PC
Attorneys at Law

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

ok PS
8-9-13

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
06/30/2013
Client No: 6604-001M
Invoice No. 110264

General Authority Services

Fees

		Hours	
06/21/2013	RFA		
	Review message from M Ellis regarding reserve pump station project bid tabulation and recommendation; review award recommendation of Pennoni Associates, bid tabulation and bid bond.	0.90	
06/26/2013	RFA		
	Review message from M Ellis regarding Reserve PS award document.	0.30	
	For Current Services Rendered	1.20	240.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Robert F. Adams	1.20	\$200.00	\$240.00
Previous Balance			\$700.00
Total Current Charges			240.00
07/03/2013	Cost Advance Payment		-56.00
07/03/2013	Fee Payment		-644.00
	Total Payments		-700.00
	Balance Due		<u>\$240.00</u>

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



INVOICE

Newark, DE
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 #: 555450
Invoice Date: 07/25/2013
Project: EGMA1107
Project Name: HersheyMill & Reserve PS Div Des
Per

For Services Rendered through: 7/14/2013

Reserve PS Diversion bid assistance: responded to questions from prospective bidders, conducted bid opening, reviewed bidders' documents, and prepared bid tabulation and award recommendation letter.

Phase : 1 -- Design

Total Phase : 1 -- Design

Labor :	499.75
Expense :	0.00
Phase Total :	499.75

Phase : 7 -- Bid Assistance

Total Phase : 7 -- Bid Assistance

Labor :	214.50
Expense :	0.00
Phase Total :	214.50

Amount Due This Invoice

\$714.25

Fee :	69,200.00
Prior Billings :	67,932.00
Current Billings :	714.25
Total Billings :	68,646.25

OKRS 8-9-13

Continued on next page...

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

...Continued from previous page

Phase : 1 -- Design

Labor Class	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
Senior Engineer	2.50	105.00	262.50
Graduate Engineer	3.25	73.00	237.25
Labor Total:	5.75		499.75

Total Phase : 1 -- Design	Labor :	\$499.75
	Expense :	\$0.00

Phase : 7 -- Bid Assistance

Labor Class	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
Senior Engineer	1.00	105.00	105.00
Graduate Engineer	1.50	73.00	109.50
Labor Total:	2.50		214.50

Total Phase : 7 -- Bid Assistance	Labor :	\$214.50
	Expense :	\$0.00

Total Project : EGMA1107 -- HersheyMill & Reserve PS Div Des Per	Labor :	\$714.25
	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
EGMA1107 Invoice Summary
Invoice Date 07/25/2013

Project: EGMA1107
Pennoni Job No.: Hershey Mill & Reserve PS Div Des Per
Invoice No: 555450
Invoice Period: 5/13/2013 to 7/14/2013
Initial Authorization: \$ 60,200.00 **Date:** 7/7/2011
Contract Amount: \$ 69,200.00
Previously Invoiced: \$ 67,932.00
Current Invoice: \$ 714.25
Invoiced to Date (\$): \$ 68,646.25
Invoiced to Date (%): 99%
Remaining Budget (\$): \$ 553.75
Remaining Budget (%): 1%

Budget by Phase:

Phase No. ****
Phase Name: Hershey Mill & Reserve
Phase Budget: \$ 69,200.00
Previously Invoiced: \$ 67,932.00
Current Invoice: \$ 714.25
Invoiced to Date (\$): \$ 68,646.25
Invoiced to Date (%): 99%
Remaining Budget (\$): \$ 553.75
Remaining Budget (%): 1%

Comments: Reserve PS Diversion bid assistance: responded to questions from prospective bidders conducted bid opening, reviewed bidders' documents, and prepared bid tabulation and award recommendation letter.



INVOICE

Newark, DE
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 # : 555451
Invoice Date : 07/25/2013
Project : EGMA1301
Project Name : 2013 General Services

For Services Rendered through: 7/14/2013

Set up and attended Reservoir Road Pump Station Act 537 pre-planning meeting at PADEP, researched previous "slip stream" diversions in Southeast PA, prepared Plan of Study and Task/Activity Report submission to PADEP.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor : 1,843.75
Expense : 0.00
Phase Total : 1,843.75

Amount Due This Invoice

\$1,843.75

Fee : 10,000.00
Prior Billings : 5,794.75
Current Billings : 1,843.75
Total Billings : 7,638.50

Phase : **** -- Professional Services

Labor

Class	Hours/ Units	Rate	Amount
Senior Engineer	8.00	105.00	840.00
Graduate Engineer	13.75	73.00	1,003.75
Labor Total:	21.75		1,843.75

Total Phase : **** -- Professional Services

Labor : \$1,843.75
Expense : \$0.00

Total Project : EGMA1301 -- 2013 General Services

Labor : \$1,843.75
Expense : \$0.00

OK TJS
8-9-0

East Goshen Municipal Authority
EGMA1301 Invoice Summary
Invoice Date 07/25/2013

Project: EGMA1301
Pennoni Job No.: 2013 General Services
Invoice No.: 555451
Invoice Period: 5/13/2013 to 7/14/2013
Initial Authorization: \$ 10,000.00 **Date:** 1/1/2013
Contract Amount: \$ 10,000.00
Previously Invoiced: \$ 5,794.75
Current Invoice: \$ 1,843.75
Invoiced to Date (\$): \$ 7,638.50
Invoiced to Date (%): 76%
Remaining Budget (\$): \$ 2,361.50
Remaining Budget (%): 24%

Budget by Phase:

Phase No. ****
Phase Name: 2013 General Services
Phase Budget: \$ 10,000.00
Previously Invoiced: \$ 5,794.75
Current Invoice: \$ 1,843.75
Invoiced to Date (\$): \$ 7,638.50
Invoiced to Date (%): 76%
Remaining Budget (\$): \$ 2,361.50
Remaining Budget (%): 24%

Comments: Set up and attended Reservoir Road Pump Station Act 537 pre-planning meeting at PADEP, researched previous "slip stream" diversions in Southeast PA, prepared Plan of Study and Task/Activity Report submission to PADEP.



INVOICE

Newark, DE
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 # : 555452
Invoice Date : 07/25/2013
Project : EGMA1304
Project Name : Hershey Mill PS Div Construction
Ph

For Services Rendered through: 7/14/2013

Performed on-site part-time construction observation and office support during testing, restoration, and punchlist work.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor : 1,653.75
Expense : 0.00
Phase Total : 1,653.75

Amount Due This Invoice

\$1,653.75

Fee : 20,000.00
Prior Billings : 15,287.75
Current Billings : 1,653.75
Total Billings : 16,941.50

Phase : **** -- Professional Services

Labor

Class	Hours/ Units	Rate	Amount
Senior Engineer	3.25	105.00	341.25
Technical Specialist	17.50	75.00	1,312.50
Labor Total:	20.75		1,653.75

Total Phase : **** -- Professional Services

Labor : \$1,653.75
Expense : \$0.00

Total Project : EGMA1304 -- Hershey Mill PS Div Construction Ph

Labor : \$1,653.75
Expense : \$0.00

OK RS 8-9-13

East Goshen Municipal Authority
EGMA1304 Invoice Summary
Invoice Date 07/25/2013

Project: EGMA1304
Pennoni Job No.: Hershey Mill PS Div Construction Phase
Invoice No: 555452
Invoice Period: 5/13/2013 to 7/14/2013
Initial Authorization: \$ 20,000.00 **Date:** 1/16/2013
Contract Amount: \$ 20,000.00
Previously Invoiced: \$ 15,287.75
Current Invoice: \$ 1,653.75
Invoiced to Date (\$): \$ 16,941.50
Invoiced to Date (%): 85%
Remaining Budget (\$): \$ 3,058.50
Remaining Budget (%): 15%

Budget by Phase:

Phase No. ****
Phase Name: Hershey Mill PS Div
Construction Phase
Phase Budget: \$ 20,000.00
Previously Invoiced: \$ 15,287.75
Current Invoice: \$ 1,653.75
Invoiced to Date (\$): \$ 16,941.50
Invoiced to Date (%): 85%
Remaining Budget (\$): \$ 3,058.50
Remaining Budget (%): 15%

Comments: Performed on-site part-time construction observation and office support during testing, restoration, and punchlist work.



INVOICE

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

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Pennoni Associates Inc.
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Philadelphia, PA 19182-7328

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

Invoice # : 555453
Invoice Date : 07/25/2013
Project : EGMA1305
Project Name : Marydell PS Diversion Construction

For Services Rendered through: 7/14/2013

Performed on-site part-time construction observation and office support, and processed Pay Application #4.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	1,653.75
Expense :	0.00
Phase Total :	1,653.75

Amount Due This Invoice

\$1,653.75

Fee :	29,000.00
Prior Billings :	26,472.50
Current Billings :	1,653.75
Total Billings :	28,126.25

Phase : **** -- Professional Services

Labor

Class	Hours/ Units	Rate	Amount
Senior Engineer	0.75	105.00	78.75
Technical Specialist	21.00	75.00	1,575.00
Labor Total:	21.75		1,653.75

Total Phase : **** -- Professional Services

Labor :	\$1,653.75
Expense :	\$0.00

Total Project : EGMA1305 -- Marydell PS Diversion Construction

Labor :	\$1,653.75
Expense :	\$0.00

OK RS 8-9-17

East Goshen Municipal Authority
EGMA1305 Invoice Summary
Invoice Date 07/25/2013

Project: EGMA1305
Pennoni Job No.: Marydell PS Diversion Construction
Invoice No: 555453
Invoice Period: 7/14/2013 to 7/14/2013
Initial Authorization: \$ 20,000.00 **Date:** 1/16/2013
Contract Amount: \$ 29,000.00
Previously Invoiced: \$ 26,472.50
Current Invoice: \$ 1,653.75
Invoiced to Date (\$): \$ 28,126.25
Invoiced to Date (%): 97%
Remaining Budget (\$): \$ 873.75
Remaining Budget (%): 3%

Budget by Phase:

Phase Name: Marydell PS Diversion
Construction
Phase Budget: \$ 29,000.00
Previously Invoiced: \$ 26,472.50
Current Invoice: \$ 1,653.75
Invoiced to Date (\$): \$ 28,126.25
Invoiced to Date (%): 97%
Remaining Budget (\$): \$ 873.75
Remaining Budget (%): 3%

Comments: Performed on-site part-time construction observation and office support, and processed Pay Application #4.



INVOICE

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

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

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

Invoice #: 555454
Invoice Date: 07/25/2013
Project: EGOS1301
Project Name: Operations Support

For Services Rendered through: 7/14/2013

Gathered and sent documents and reports regarding RCSTP operations as requested by attorney.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	330.00
Expense :	0.00
Phase Total :	330.00

Amount Due This Invoice

330.00

Fee :	2,000.00
Prior Billings :	495.00
Current Billings :	330.00
Total Billings :	825.00

Phase : **** -- Professional Services

Labor Class	Hours/ Units	Rate	Amount
Authority Engineer	3.00	110.00	330.00
Labor Total:	3.00		330.00

Total Phase : **** -- Professional Services

Labor :	\$330.00
Expense :	\$0.00

Total Project : EGOS1301 -- Operations Support

Labor :	\$330.00
Expense :	\$0.00

ok 25
8-9-13



INVOICE
Mechanicsburg, PA
717-975-6481 Fax: 717-975-6480

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

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

Invoice # : 555455
Invoice Date : 07/25/2013
Project : EGOS1302
Project Name : Public Works Training

For Services Rendered through: 7/14/2013

Provided flagger training to Township Public Works Dept.

Phase : ** -- Professional Services**

Contract Amount	\$1,500.00		
Percent Complete	100.00%		
Contract Amount Completed		\$1,500.00	
Less Previous Billed		\$0.00	
Phase Subtotal			\$1,500.00
	Amount Due This Invoice		\$1,500.00

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

TRACTOR'S APPLICATION FOR PAYMENT

TO (OWNER): East Goshen Municipal
 1580 Paoli Pike
 West Chester, PA 19380

PROJECT: East Goshen Hershey Mill (EG228)

APPLICATION NO: 2 (FINAL)

VIA (ENGINEER): Pennoni Associates Inc.
 121 Continental Drive, Suite 207
 Newark, DE 19713

PERIOD TO: 7/31/2013
 APPLICATION DATE: 8/1/2013

FROM (CONTRACTOR): Delaware Valley Utility Contractors, Inc
 225 Warren St.
 Reading, PA 19601

ENGINEER'S PROJECT NO:
 CONTRACT DATE:

CONTRACT FOR:

TRACTOR'S APPLICATION FOR PAYMENT

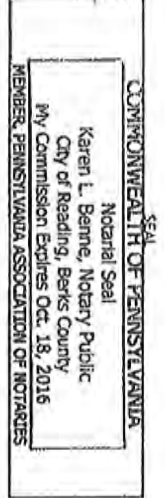
CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change orders approved in previous months by Owner	Total		
Approved this Month			
Number	Date Approved		
CO# 1			(\$502.38)
TOTALS			(\$502.38)
Net change by Change Orders			(\$502.38)

TRACTOR'S CERTIFICATION

The undersigned Contractor certifies that to the best of its knowledge: (1) all previous progress payments received from Owner on account of work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interests or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

- Application is made for Payment, as shown below, in connection with the Contract. Continuation Sheet, (if attached).
1. ORIGINAL CONTRACT PRICE..... \$ 171,440.00
 2. NET CHANGE BY CHANGE ORDERS..... \$ (502.38)
 3. CURRENT CONTRACT PRICE (Line 1+2)..... \$ 170,937.62
 4. TOTAL COMPLETED & STORED TO DATE..... \$ 157,227.62
(Column L)
 5. RETAINAGE:
 - a. 0 % of Completed Work \$ -
 - b. % of \$ -
 6. AMOUNT ELIGIBLE TO DATE..... \$ -
(Total in Column O.)
 7. LESS PREVIOUS PAYMENTS..... \$ 157,227.62
(Line 4 less Line 5 Total)
 8. AMOUNT DUE THIS APPLICATION (Line 6-7)..... \$ 135,130.49
 9. BALANCE TO FINISH, PLUS RETAINAGE..... \$ 22,997.13
(Line 3 Less Line 6) \$ 13,710.00

CONTRACTOR: *[Signature]* Date: 8/1/13
 State of: PA Notary Public: *[Signature]*
 Subscribed and sworn to before me this 1st day of August 2013 My Commission expires:



ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

PAYMENT OF: \$ 22,997.13
 (Attach explanation if amount certified differs from the amount applied for.)
 RECOMMENDED BY: (ENGINEER) *[Signature]* Date: 8/1/13

Project completed under Budget

OLCRS 8-9-13

APPROVED BY: _____ Date: _____
 Funding Agency (if Applicable)

A Item No.	B Description of Work	C Estimated Quantity	D UNIT	E Unit Cost	F Schedule of Values (C*E)	G WORK COMPLETED				K Total Completed & Stored to Date Quantity (G+I)	L Total Completed & Stored to Date Amount (H+J)	M % Complete (L/F)	N Balance to Finish (F-L)	O Retainage (0% Of L)
						Previous Application Quantity	Previous Application Amount (E*G)	This Period Quantity	This Period Amount (E*I)					
1	Site Preparation, E&S, Restoration	1 LS		\$35,500.00	\$35,500.00	0.75	\$26,625.00	0.25	\$8,875.00	1	\$35,500.00	1	\$0.00	
2	6" HDPE SDR11 Force Main	975 LF		\$68.00	\$66,300.00	990	\$67,320.00	0	\$0.00	990	\$67,320.00	1.015385	-\$1,020.00	
3	10" HDPE SDR11 Force main	15 LF		\$800.00	\$12,000.00	10	\$8,000.00	0	\$0.00	10	\$8,000.00	0.666667	\$4,000.00	
4	6" Gate Valve	1 Ea		\$3,200.00	\$3,200.00	1	\$3,200.00	0	\$0.00	1	\$3,200.00	1	\$0.00	
5	Superpave 25mm Base Course - 8" Depth	70 SY.		\$68.00	\$4,760.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$4,760.00	
6	Superpave 25mm Base Course - 5" Depth	35 SY		\$58.00	\$2,030.00	0	\$0.00	35	\$2,030.00	35	\$2,030.00	1	\$0.00	
7	Cured-in-place Manhole Liner for MH- 114	1 LS		\$5,200.00	\$5,200.00	1	\$5,200.00	0	\$0.00	1	\$5,200.00	1	\$0.00	
8	Cured-in-place Manhole Liner for MH- 115	1 LS		\$7,000.00	\$7,000.00	1	\$7,000.00	0	\$0.00	1	\$7,000.00	1	\$0.00	
9	Abandonment of Existing 6" Force Main	1 LS		\$24,000.00	\$24,000.00	0.9	\$21,600.00	0.1	\$2,400.00	1	\$24,000.00	1	\$0.00	
10	Flowable Fill	25 CY		\$240.00	\$6,000.00	2.5	\$600.00	7	\$1,680.00	9.5	\$2,280.00	0.38	\$3,720.00	
11	Pump & Haul wastewater from Hershey M	1 LS		\$3,200.00	\$3,200.00	1	\$3,200.00	0	\$0.00	1	\$3,200.00	1	\$0.00	
12	Misc Excavation & Backfill w/2A Mod Ston	10 CY		\$60.00	\$600.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$600.00	
13	Misc Excavation & Backfill w/ Exc Soils	10 CY		\$35.00	\$350.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$350.00	
14	Typical Concrete Encasement	20 LF		\$65.00	\$1,300.00	0	\$0.00	0	\$0.00	0	\$0.00	0	\$1,300.00	
15	CO#1 Deduct for 6" HDPE Gate Valve	1 Ea		-\$502.38	-\$502.38	1	-\$502.38	0	\$0.00	1	-\$502.38	1	\$0.00	
TOTALS SHEET NO. 2					\$170,937.62	\$142,242.62	\$14,985.00	1,052	\$157,227.62	\$13,710.00	\$0.00			

RECEIVED AFTER
AGENDA
8-9-13
OK with Rick + Mike et al WAS PRINTED

AIA Document G702™ - 1992

Application and Certificate for Payment

TO OWNER: East Goshen Municipal Authority
 PROJECT: Marydell Pump Station Diversion
 APPLICATION NO: 5
 PERIOD TO: 7/26/13
 DISTRIBUTION TO: OWNER ARCHITECT CONTRACTOR FIELD OTHER

FROM CONTRACTOR: Ply-Mar Construction Co., Inc.
 VIA ARCHITECT:
 965 Plymouth Road
 Plymouth Meeting, PA 19462
 CONTRACT FOR: Sewer Construction
 CONTRACT DATE: 3/15/13
 PROJECT NOS: MPS-2013

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract. AIA Document G703™, Continuation Sheet, is attached.

- 1. ORIGINAL CONTRACT SUM \$ 229,835.00
- 2. NET CHANGE BY CHANGE ORDERS \$ 8,201.06
- 3. CONTRACT SUM TO DATE (Line 1 ± 2) \$ 238,036.06
- 4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$ 223,766.06

5. RETAINAGE:
- a. 0 % of Completed Work (Columns D + E on G703) \$ 0.00
 - b. 0 % of Stored Material (Column F on G703) \$ 0.00
- Total Retainage (Lines 5a + 5b, or Total in Column I of G703) \$ 0.00

- 6. TOTAL EARNED LESS RETAINAGE \$ 223,766.06
 (Line 4 minus Line 5 Total)
- 7. LESS PREVIOUS CERTIFICATES FOR PAYMENT \$ 182,632.75
 (Line 6 from prior Certificate)

- 8. CURRENT PAYMENT DUE \$ 41,133.31
- 9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 minus Line 6) \$ 14,270.00

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner	\$ 1,360.00	\$ 0.00
Total approved this month	\$ 6,841.06	\$ 0.00
TOTAL	\$ 8,201.06	\$ 0.00
NET CHANGES by Change Order	\$ 8,201.06	

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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The undersigned Contractor certifies that to the best of the Contractor's knowledge, information 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 which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now due.

CONTRACTOR: Ply-Mar Construction Co., Inc.
 By: [Signature] Date: 8/13
 State of: PA

County of: Montgomery
 Subscribed and sworn to before me this 13 day of August, 2013
 Notary Public: [Signature]
 My commission expires: May 14
 COMMONWEALTH OF PENNSYLVANIA
 NOTARIAL SEAL
 Kimberly Zera, Notary Public
 Whitemarsh Twp, Montgomery County
 My commission expires May 05, 2014

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED \$
 (Attach explanation if amount certified differs from the amount applied. Initial all figures on this Application and on the Continuation Sheet that are changed to conform with the amount certified.)

ARCHITECT:
 By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

AIA Document G703™ - 1992

Continuation Sheet

AIA Document G702™-1992, Application and Certificate for Payment, or G732™-2009, Application and Certificate for Payment, Construction Manager as Adviser Edition, containing Contractor's signed certification is attached.
In tabulations below, amounts are in US dollars.

Use Column I on Contracts where variable retainage for line items may apply.

APPLICATION NO: #5

APPLICATION DATE: 7/30/2013

PERIOD TO: 7/25/2013

ARCHITECT'S PROJECT NO: MPS-2013

A ITEM NO.	B DESCRIPTION OF WORK	C SCHEDULED VALUE	D WORK COMPLETED		F MATERIALS PRESENTLY STORED (Not in D or E)	G TOTAL COMPLETED AND STORED TO DATE (D+E+F)	H BALANCE TO FINISH (C-G)	I RETAINAGE (if variable rate)
			E FROM PREVIOUS APPLICATION (D + E)	E THIS PERIOD				
1	Site Preparation (1 LS)	\$44,000.00	\$33,000.00	\$11,000.00		\$44,000.00	\$0.00	\$0.00
2	E & S Controls (1 LS)	\$3,000.00	\$1,000.00	\$2,000.00		\$3,000.00	\$0.00	\$0.00
3	8" Main in Paved Area (0-10') (296 LF)	\$31,080.00	\$24,150.00	\$0.00		\$24,150.00	\$6,930.00	\$0.00
4	8" Main Paved Area (10-15') (88 LF)	\$11,440.00	\$18,460.00	\$0.00		\$18,460.00	\$0.00	\$0.00
5	8" Main Un-Paved (0-10') (114 LF)	\$5,130.00	\$3,465.00	\$0.00		\$3,465.00	\$1,665.00	\$0.00
6	8" Main Un-Paved (10-15') (255 LF)	\$11,475.00	\$13,500.00	\$0.00		\$13,500.00	\$0.00	\$0.00
7	MH-6 to EXMH-201 (82 LF)	\$24,600.00	\$24,600.00	\$0.00		\$24,600.00	\$0.00	\$0.00
8	J & B Boot Road (118 LF)	\$27,140.00	\$27,140.00	\$460.00		\$27,600.00	\$0.00	\$0.00
9	Manhole (0-10') (3 EA)	\$9,000.00	\$9,000.00	\$0.00		\$9,000.00	\$0.00	\$0.00
10	Manhole (10-15') (2 EA)	\$7,000.00	\$7,000.00	\$0.00		\$7,000.00	\$0.00	\$0.00
11	4" Service Lateral (1 EA)	\$1,000.00	\$750.00	\$250.00		\$1,000.00	\$0.00	\$0.00
12	Low Pressure Sewer Lat. (1 LS)	\$1,000.00	\$1,000.00	\$0.00		\$1,000.00	\$0.00	\$0.00
13	Full Depth Paving (275 SY)	\$22,000.00	\$12,760.00	\$7,720.00		\$20,480.00	\$1,520.00	\$0.00
14	Demo Pump Station (1 LS)	\$6,500.00	\$6,500.00	\$0.00		\$6,500.00	\$0.00	\$0.00
15	Traffic Maintenance (1 LS)	\$2,000.00	\$1,000.00	\$1,000.00		\$2,000.00	\$0.00	\$0.00
16	Mill & Overlay Paoli Pike (75 SY)	\$2,250.00	\$0.00	\$2,250.00		\$2,250.00	\$0.00	\$0.00
17	Curb Replacement (30 LF)	\$1,500.00	\$0.00	\$0.00		\$0.00	\$1,500.00	\$0.00
18	Misc Exc. & 2A Backfill (20 CY)	\$1,200.00	\$0.00	\$0.00		\$0.00	\$1,200.00	\$0.00
19	Misc. Exc. & Soil Backfill (20 CY)	\$600.00	\$0.00	\$0.00		\$0.00	\$0.00	\$0.00
20	Concrete Encasement (20 LF)	\$1,000.00	\$0.00	\$0.00		\$0.00	\$1,000.00	\$0.00
21	Mill & Overlay Paoli Pike (455 SY)	\$10,920.00	\$6,000.00	\$0.00		\$6,000.00	\$10,920.00	\$0.00
22	Soft Dig Test Pits (3 EA)	\$6,000.00	\$1,360.00	\$0.00		\$1,360.00	\$0.00	\$0.00
23	CO#1 U-Drain (68 LF)	\$1,360.00	\$1,360.00	\$0.00		\$1,360.00	\$0.00	\$0.00
24	CO#2 Sunoco Pipeline Work	\$6,841.06	\$0.00	\$6,841.06		\$6,841.06	\$0.00	\$0.00
	GRAND TOTAL	\$238,036.06	\$192,245.00	\$31,521.06		\$223,766.06	\$24,735.00	\$0.00

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CONTRACT CHANGE ORDER

CONTRACT NO.: MPS-2013
TO: (Contractor) Ply-Mar Construction Co., Inc.
CHANGE ORDER NO.: 2
PROJECT NO.: EGMA 1305
DATE: 8-Aug-13
LOCATION: East Goshen Mun. Auth.
 Chester County, Pennsylvania

You are hereby requested to comply with the following changes from the contract plans and specifications.

(1) ITEM NO.	(2) DESCRIPTION OF CHANGES-QUANTITIES, UNITS, UNIT PRICES, CHANGES IN COMPLETION SCHEDULE, ETC.	(3) DECREASE IN CONTRACT PRICE	(4) INCREASE IN CONTRACT PRICE
--------------	---	--------------------------------	--------------------------------

1	Coordination, locating, excavation, backfill, and protection of an observation pit for Sunoco's gas mains during the jack and boring across Boot Road as required by Sunoco and associated traffic control as required by PennDOT on a COST OF WORK basis as per the attached Change Order Request from Ply-Mar Construction Co. and supporting material and rental invoices.		\$6,841.06
---	---	--	------------

CHANGE IN CONTRACT PRICE DUE TO THIS CHANGE ORDER		\$0.00	\$6,841.06
TOTAL DECREASE			
TOTAL INCREASE			
NET (INCREASE/DECREASE) CONTRACT PRICE (DIFFERENCE BETWEEN COL. (3) AND (4))			\$6,841.06

The sum of \$6,841.06 is hereby added to the total contract price, and the total adjusted contract price to date is thereby \$238,036.06

The time provided for completion in the contract is unchanged. This document shall become an amendment to the contract and all provisions of the contract will apply hereto.

Accepted by: [Signature] Contractor Date 8/8/13
Recommended by: [Signature] Engineer Date 8/8/13
Approved by: _____ Owner Date _____

PLY-MAR CONSTRUCTION CO. INC.

965 Plymouth Road

PLYMOUTH MEETING, PA 19462

PHONE: 610-275-7473

FAX: 610-275-2617

E-MAIL: plymar64@verizon.net

TO:

Pennon Associates

121 Continental Drive, Suite 207

Newark, DE

19713

Attn: Michael Ellis, P.E.

Job Name: Marydell P.S. Diversion

Job No: MPS-2013

Location: East Goshen Twp, PA

Date: 7/25/2013

Change Order #: 2

We hereby agree to make the change(s) specified below:

Re-Mobilize (Boring Contractor)	\$ 2,000.00
Shoring Box (Observation Pit for Sunoco Pipe)	\$ 577.50
Steel Plate (Used to Cover Observation Pit)	\$ 154.00
Screening Material (Used to Backfill around Sunoco Pipe)	\$ 226.38
Traffic Barrels (10 Each)	\$ 763.18

Labor/Equipment

24 Hrs. - Andrew Piacitelli-Laborer	\$52.95 x 15%=\$1,461.36
24 Hrs. - Robert Piacitelli-Salary	\$60.10 x 15%=\$1,658.64

\$ 3,120.00

Note: This Change Order becomes part of and in conformance with the existing contract. WE AGREE herby to make the change(s) specified above at this price:

Unit Price of Change Order:	\$ 6,841.06
-----------------------------	-------------

ACCEPTED- The above prices and specifications of this Change Order are satisfactory and are hereby accepted. All work to be performed under same terms and conditions as specified in original contract unless otherwise stipulated.

Date of Acceptance:

Signature:

8-9-13
GIC with Rick+Mila

CHANGE ORDER
REQUEST

RECEIVED AFTER
AGENDA
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Memo

To: Municipal Authority
From: Jon Altshul
Re: MA June & July Financial Reports
Date: August 8, 2013

The Municipal Authority recorded \$217,367.31 in expenses and \$249,991.32 in revenues in June, a difference of +\$32,624.01, and \$50,006.81 in revenues and \$62,123.75 in expenses in July, a difference of -\$12,116.94. The fund balance is now \$69,790.80.

Note that we have updated the annual budget of the Municipal Authority to reflect your recent amendments.

A complete list of all monthly expenses is provided.

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

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
MUNICIPAL AUTHORITY BEGINNING FUND BALANCE				
RCSTP BUDGET			81,907.74	
REVENUE				
INTEREST EARNED - RCSTP EXPANSION	07341 1020	50.00	4.66	25.85
GRANT REVENUE	07392 0800	0.00	0.00	0.00
TOTAL REVENUE		50.00	4.66	25.85
EXPENSES				
R.C.-CAP. PROJ.-ENGINEER	07424 7451	0.00	0.00	0.00
R.C. CAP EXPANSION GEN'L CONTRACTOR	07424 7452	0.00	0.00	0.00
R.C. CAP EXPANSION - ELECTRICAL	07424 7453	0.00	0.00	0.00
R.C. CAP EXP CONTINGENCY CAPITAL	07424 7454	0.00	0.00	0.00
R.C. CAP EXP CONTINGENCY ONGOING	07424 7455	0.00	0.00	0.00
R.C. CAP EXP ADDITIONAL CONTINGENCY	07424 7456	0.00	0.00	0.00
TRANSFER TO AUTHORITY CAP FUND	07492 0990	992,470.00	0.00	0.00
TOTAL EXPENSES		992,470.00	0.00	0.00
RCSTP NET RESULT		(992,420.00)	4.66	25.85

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

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
OPERATING BUDGET				
REVENUE				
INTEREST EARNINGS	07341 1000	50.00	2.15	19.85
C.C. TAPPING FEES	07364 1100	128,000.00	0.00	0.00
R.C. TAPPING FEES	07364 1110	2,000.00	0.00	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	0.00	39,000.00
TOTAL REVENUE		252,746.00	2.15	52,280.85
EXPENSES				
ADMINISTRATIVE WAGES	07424 1400	33,547.00	0.00	15,960.72
MISCELLANEOUS EXPENSE	07424 3000	5,000.00	0.00	1,450.00
MUNIC.AUTH.-AUDITING	07424 3110	8,843.00	8,100.00	8,100.00
ENGINEERING SERVICES	07424 3130	35,000.00	3,072.25	29,142.25
LEGAL SERVICES	07424 3140	7,000.00	700.00	10,421.02
M.C.-DVRFA-DEBT SERVICE	07471 1000	20,720.00	0.00	0.00
M.C.-DVRFA-INTEREST PAYMN	07472 1000	6,003.00	0.00	0.00
M.C.-DVRFA-INTEREST PAYMN	07472 1010	5,583.00	0.00	0.00
TOTAL EXPENSES		121,696.00	11,872.25	65,073.99
OPERATING NET RESULT		131,050.00	(11,870.10)	(12,793.14)

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

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
CAPITAL BUDGET				
REVENUE				
LOAN PROCEEDS-SEWER PROJECT	07392 0804	992,470.00	0.00	0.00
TRANSFER FROM SEWER CAP RESERVE	07392 0900	829,769.00	50,000.00	493,000.00
TOTAL REVENUE		1,822,239.00	50,000.00	493,000.00
EXPENSES				
MARYDELL PUMP STATION - ENGINEER	07425 1000	31,000.00	5,803.50	44,874.96
MARYDELL PUMP STATION - CONSTRUCTION	07425 2000	250,000.00	31,840.75	185,204.10
MANHOLE COVER REPLACEMENTS	07424.7405	17,000.00	0.00	0.00
C.C. CAPITAL - COLLECTION	07424.7420	100,000.00	0.00	0.00
LOCHWOOD ABANDONMENT ENGINEER	07424 7475	0.00	0.00	5,562.75
LOCHWOOD ABANDONMENT CONSTRUCTION	07424 7476	55,769.00	0.00	45,746.16
LOCHWOOD ELIMINATION PHASE 2	07424 7477	0.00	0.00	12,165.62
HERSHEY MILL STATION - ENGINEER	07426 1000	35,000.00	7,301.50	22,781.24
HERSHEY MILL STATION - CONSTRUCTION	07426 2000	180,000.00	2,535.00	137,665.49
RESERVE PUMP STATION - ENGINEER	07427 1000	25,000.00	2,770.75	18,326.01
RESERVE PUMP STATION - CONSTRUCTION	07427 2000	125,000.00	0.00	0.00
RESERVOIR PUMP STATION - ENGINEER	07428 1000	0.00	0.00	0.00
RESERVOIR PUMP STATION CONSTRUCTION	07428 2000	0.00	0.00	0.00
TOTAL EXPENSES		818,769.00	50,251.50	472,326.33
CAPITAL NET RESULT		1,003,470.00	(251.50)	20,673.67
MUNICIPAL AUTHORITY ENDING FUND BALANCE			69,790.80	

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

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
MUNICIPAL AUTHORITY BEGINNING FUND BALANCE				
			49,283.73	
RCSTP BUDGET				
REVENUE				
INTEREST EARNED - RCSTP EXPANSION	07341 1020	50.00	(13.92)	21.19
GRANT REVENUE	07392 0800	0.00	0.00	0.00
TOTAL REVENUE		50.00	(13.92)	21.19
EXPENSES				
R.C.-CAP. PROJ.-ENGINEER	07424 7451	0.00	0.00	0.00
R.C. CAP EXPANSION GEN'L CONTRACTOR	07424 7452	0.00	0.00	0.00
R.C. CAP EXPANSION - ELECTRICAL	07424 7453	0.00	0.00	0.00
R.C. CAP EXP CONTINGENCY CAPITAL	07424 7454	0.00	0.00	0.00
R.C. CAP EXP CONTINGENCY ONGOING	07424 7455	0.00	0.00	0.00
R.C. CAP EXP ADDITIONAL CONTINGENCY	07424 7456	0.00	0.00	0.00
TRANSFER TO AUTHORITY CAP FUND	07492 0990	992,470.00	0.00	0.00
TOTAL EXPENSES		992,470.00	0.00	0.00
RCSTP NET RESULT		(992,420.00)	(13.92)	21.19

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

Account Title	Acct #	Annual Budget	Month To Date		Year To Date	
			Actual		Actual	
OPERATING BUDGET						
REVENUE						
INTEREST EARNINGS	07341 1000	50.00	5.24	17.70		
C.C. TAPPING FEES	07364 1100	128,000.00	0.00	0.00		
R.C.TAPPING FEES	07364 1110	2,000.00	0.00	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	0.00	39,000.00		
TOTAL REVENUE		252,746.00	5.24	52,278.70		
EXPENSES						
ADMINISTRATIVE WAGES	07424 1400	33,547.00	7,980.36	15,960.72		
MISCELLANEOUS EXPENSE	07424 3000	5,000.00	0.00	1,450.00		
MUNIC.AUTH.-AUDITING	07424 3110	8,843.00	0.00	0.00		
ENGINEERING SERVICES	07424 3130	35,000.00	795.25	26,070.00		
LEGAL SERVICES	07424 3140	7,000.00	0.00	9,721.02		
M.C.-DVRFA-DEBT SERVICE	07471 1000	20,720.00	0.00	0.00		
M.C.-DVRFA-INTEREST PAYMN	07472 1000	6,003.00	0.00	0.00		
M.C.-DVRFA-INTEREST PAYMN	07472 1010	5,583.00	0.00	0.00		
TOTAL EXPENSES		121,696.00	8,775.61	53,201.74		
OPERATING NET RESULT		131,050.00	(8,770.37)	(923.04)		

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

Account Title	Acct #	Annual Budget	Month To Date		Year To Date	
			Budget	Actual	Budget	Actual
CAPITAL BUDGET						
REVENUE						
LOAN PROCEEDS-SEWER PROJECT	07392 0804	992,470.00	0.00	0.00	0.00	0.00
TRANSFER FROM SEWER CAP RESERVE	07392 0900	829,769.00	250,000.00	250,000.00	443,000.00	443,000.00
TOTAL REVENUE		1,822,239.00	250,000.00	250,000.00	443,000.00	443,000.00
EXPENSES						
MARYDELL PUMP STATION - ENGINEER	07425 1000	31,000.00	7,301.00	7,301.00	39,071.46	39,071.46
MARYDELL PUMP STATION -CONSTRUCTION	07425 2000	250,000.00	50,608.00	50,608.00	153,363.35	153,363.35
MANHOLE COVER REPLACEMENTS	07424.7405	17,000.00	0.00	0.00	0.00	0.00
C.C. CAPITAL - COLLECTION	07424.7420	100,000.00	0.00	0.00	0.00	0.00
LOCHWOOD ABANDONMENT ENGINEER	07424 7475	0.00	4,429.25	4,429.25	5,562.75	5,562.75
LOCHWOOD ABANDONMENT CONSTRUCTION	07424 7476	55,769.00	624.75	624.75	45,746.16	45,746.16
LOCHWOOD ELIMINATION PHASE 2	07424 7477	0.00	10,070.71	10,070.71	12,165.62	12,165.62
HERSHEY MILL STATION - ENGINEER	07426 1000	35,000.00	0.00	0.00	15,479.74	15,479.74
HERSHEY MILL STATION - CONSTRUCTION	07426 2000	180,000.00	135,130.49	135,130.49	135,130.49	135,130.49
RESERVE PUMP STATION - ENGINEER	07427 1000	25,000.00	427.50	427.50	15,555.26	15,555.26
RESERVE PUMP STATION - CONSTRUCTION	07427 2000	125,000.00	0.00	0.00	0.00	0.00
RESERVOIR PUMP STATION - ENGINEER	07428 1000	0.00	0.00	0.00	0.00	0.00
RESERVOIR PUMP STATION CONSTRUCTION	07428 2000	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENSES		818,769.00	208,591.70	208,591.70	422,074.83	422,074.83
CAPITAL NET RESULT		1,003,470.00	41,408.30	41,408.30	20,925.17	20,925.17

MUNICIPAL AUTHORITY ENDING FUND BALANCE 81,907.74

MGRP18 run by BRIAN 8 : 34 AM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07341-1000					0.00				
		INTEREST EARNINGS							
		1301 JE 36010		0.74		02/05/13	INTEREST		INTEREST EARNED JANUARY 2013 07 FUND
			0.00	0.74	-0.74				
		1302 36396		0.48		03/04/13	INTEREST		INTEREST EARNED FEB. 2013 07 FUND
			0.00	0.48	-1.22				
		1303 36759		0.92		04/02/13	INTEREST		INTEREST EARNED MARCH 2013 07 FUND
			0.00	0.92	-2.14				
		1304 37177		3.20		05/01/13	INTEREST		INTEREST EARNED APRIL 2013 07100.1000
		37178		5.60		05/01/13	INTEREST		INTEREST EARNED APRIL 2013 07 CONSTRUCTION FUND
			0.00	8.80	-10.94				
		1305 37710		1.52		06/04/13	INTEREST		INTEREST EARNED MAY 2013 07 FUND
			0.00	1.52	-12.46				
		1306 38150		5.24		07/02/13	INTEREST		INTEREST EARNED JUNE 2013 07 FUND
			0.00	5.24	-17.70				
		1307 38593		2.15		08/02/13	INTEREST		INTEREST EARNED JULY 2013 07100.1000
			0.00	2.15	-19.85				
			0.00	19.85	-19.85				
07341-1020		INTEREST EARNED - RCSTP EXPANSION			0.00				
		1301 36011		3.97		02/05/13	INTEREST		INTEREST EARNED JANUARY 2013 07 CONSTRUCTION FUND
			0.00	3.97	-3.97				
		1302 36397		4.91		03/04/13	INTEREST		INTEREST EARNED FEB. 2013 07 CONSTRUCTION FUND
			0.00	4.91	-8.88				
		1303 36760		3.97		04/02/13	INTEREST		INTEREST EARNED MARCH 2013 07 CONSTRUCTION FUND
			0.00	3.97	-12.85				
		1305 37711		22.26		06/04/13	INTEREST		INTEREST EARNED MAY 2013 07 CONSTRUCTION FUND
			0.00	22.26	-35.11				

MGRP18 run by BRIAN 8 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07341-1020	1306	JE	37953	17.88			06/20/13	ADJUSTMENT		ADJUSTMENT TO MAY 2013 INTEREST
			38151		3.96		07/02/13	INTEREST		INTEREST EARNED JUNE 2013 07 CONSTRUCTION FUND
				17.88	3.96	-21.19				
1307			38594		4.66		08/02/13	INTEREST		INTEREST EARNED JULY 2013 07 CONSTRUCTION FUND
				0.00	4.66	-25.85				
				17.88	43.73	-25.85				
07364-1100			C.C. TAPPING FEES			0.00				
	1305	CR	37610	3,600.00	3,600.00		05/29/13	94 22	4518	1 CHESTER SPRINGS DEVELOPMENT CO
				3,600.00	3,600.00	0.00				
				3,600.00	3,600.00	0.00				
07364-1110			R.C. TAPPING 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	0.00				
1303	RE		36430		2,000.00		03/05/13	36430 1		TAP IN FEE - 916 SORRELL HILL
			36431		2,000.00		03/05/13	36431 1		TAP IN FEE - 911 SORRELL HILL
				0.00	4,000.00	-4,000.00				
1305			37562		7,148.00		05/23/13	37562 1		TAP IN FEE FOR 1598 WINEBERRY
				0.00	7,148.00	-11,148.00				
				2,000.00	13,148.00	-11,148.00				
07364-1130			CONNECTION FEES - SEWER			0.00				
	1302	CR	36075		423.00		02/08/13	264	7195	1 JACOBS, ROBERT & CHERYL
					423.00		02/08/13	755	7193	1 GEORGE SMITH & CHRISTINA CONLE
			***	0.00	846.00	***				
			36147		423.00		02/13/13	11	6577	1 PAPPANO, JOSEPH & PATRICIA
					421.00		02/13/13	11	7196	1 PAPPANO, JOSEPH & PATRICIA
			***	0.00	844.00	***				
			36193		423.00		02/15/13	2173	7194	1 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				
				423.36	2,113.00	-1,689.64				

MGRP18 run by BRIAN 8 : 34 AM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07380-1000					0.00				MISCELLANEOUS REVENUE
		36174		282.24		02/14/13	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
		36194		141.12		02/15/13	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
			0.00	423.36	-423.36				
			0.00	423.36	-423.36				
07392-0500					0.00				TRANSFER FROM SEWER OPERATING
	1305	37366		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				
07392-0900					0.00				TRANSFER FROM SEWER CAP RESERVE
	1302	36187		30,000.00		02/15/13	XFER		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
		36905		60,000.00		04/11/13	XFER		XFER \$ FROM 9100.1000 TO 7100.1000
			0.00	110,000.00	-140,000.00				
	1305	37361		53,000.00		05/14/13	XFER		XFER FUNDS FROM 9100.1000 TO 7100.1000 TO COVER CAP.EXP.
			0.00	53,000.00	-193,000.00				
	1306	37789		250,000.00		06/10/13	DEPOSIT		DEPOSIT TO MUN.AUTHORITY ACCT. 7100.1000
			0.00	250,000.00	-443,000.00				
	1307	38158		50,000.00		07/02/13	XFER		XFER \$ TO COVER MUN.AUTHORITY CAPITAL EXPENSES
			0.00	50,000.00	-493,000.00				
			0.00	493,000.00	-493,000.00				
07424-1400					0.00				ADMINISTRATIVE WAGES
	1303 CD	36711	7,980.36			03/28/13	2166		425 EAST GOSHEN TOWNSHIP 1ST QTR.2013 REIMBURSMNT TO GENE FUND
			7,980.36	0.00	7,980.36				
	1306	38067	7,980.36			06/27/13	2189		425 EAST GOSHEN TOWNSHIP 2ND QTR. 2013 REIMBURSEMENT TO GENERAL FUND

MGRP18 run by BRIAN 8 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
				7,980.36	0.00	15,960.72				
				15,960.72	0.00	15,960.72				
07424-3000						0.00				
	1301		35598	500.00			01/03/13	2153		2737 DEP - COMMONWEALTH OF PA NPDES PERMIT - 2013 MINOR SEWAGE FACILITY
			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				
07424-3110						0.00				
	1307		38272	8,100.00			07/12/13	2195		808 MAILLIE FALCONIERO & CO. EXAM.OF MA FINANCIAL STMTS. - 20
				8,100.00	0.00	8,100.00				
				8,100.00	0.00	8,100.00				
07424-3130						0.00				
	1301		35695	3,264.75			01/15/13	2156		1052 PENNONI ASSOCIATES INC. SERV.THURU 12/9/12 2012 GEN.SERV
				3,264.75	0.00	3,264.75				
	1302		36119	1,538.75			02/12/13	2162		1052 PENNONI ASSOCIATES INC. SERV.THURU 1/13/13 GEN.SERVICES 2
				1,538.75	0.00	4,803.50				
	1304		36889	6,695.25			04/10/13	2171		1052 PENNONI ASSOCIATES INC. SERVICES THRU 3/17/13 GENERAL SE
			36890	5,560.75			04/10/13	2173		1052 PENNONI ASSOCIATES INC. SERVICE THRU 2/20/13 GENERAL SER
				12,256.00	0.00	17,059.50				
	1305		37357	8,215.25			05/14/13	2175		1052 PENNONI ASSOCIATES INC. SERV.THURU 4/14/13 GENERAL SERVIC.
				8,215.25	0.00	25,274.75				
	1306		37787	795.25			06/10/13	2186		1052 PENNONI ASSOCIATES INC. SERVICE THRU 5/12/13 2013 GENER
				795.25	0.00	26,070.00				
	1307		38122	3,072.25			07/02/13	2192		1052 PENNONI ASSOCIATES INC. SERVICES THRU 6/16/13 GENERAL SE
				3,072.25	0.00	29,142.25				

MGRP18 run by BRIAN 8 : 34 AM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
			29,142.25	0.00	29,142.25				
07424-3140					0.00				
	1301	35695	3,289.10			01/15/13	2155	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERV. 11/9-11/30/12 GEN.AU
			3,289.10	0.00	3,289.10				
	1302	36119	1,406.80			02/12/13	2161	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE - JAN. 2013 GEN.AU
			1,406.80	0.00	4,695.90				
	1304	36889	1,661.12			04/10/13	2170	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICES 2/4-2/25/13 GEN.A
			1,661.12	0.00	6,357.02				
	1305	37357	3,364.00			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				
	1307	38122	700.00			07/02/13	2191	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERV. 5/13-5/29/13 GEN.AUT
			700.00	0.00	10,421.02				
			10,421.02	0.00	10,421.02				
07424-7475					0.00				
	1301	35695	511.50			01/15/13	2156	1052	PENNONI ASSOCIATES INC. SERVICES THRU 12/9/12 HERSHEY M PUMP STATION MUFFIN MONSTER
			511.50	0.00	511.50				
	1302	36119	574.50			02/12/13	2162	1052	PENNONI ASSOCIATES INC. SERV.THURU 1/13/13 H.MILL PS MUF MONSTER DESIGN
			574.50	0.00	1,086.00				
	1305	37357	47.50			05/14/13	2175	1052	PENNONI ASSOCIATES INC. SERV.THURU 4/14/13 H.MILL PS MUFF MONSTER'
			47.50	0.00	1,133.50				
	1306	37787	4,429.25			06/10/13	2186	1052	PENNONI ASSOCIATES INC. SERVICE THRU 5/12/13 H.M.PS DIV CONSTRUCTION
			4,429.25	0.00	5,562.75				
			5,562.75	0.00	5,562.75				

MGRP18 run by BRIAN 8 : 34 AM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07424-7476	LOCHWOOD	ABANDONMENT	CONSTRUCTION		0.00				
	1301	35598	246.01			01/03/13	2152	317	CONTRACTOR'S CHOICE ORANGE SAFETY FENCE, STAKES & PA
		35695	1,482.40			01/15/13	2154	425	EAST GOSHEN TOWNSHIP LOCHWOOD PLANT CLOSING COSTS-LAB
		35698	-1,482.40			01/15/13	2154	425	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 50LB 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 FROM WESTTOWN WAY 5/13 & 5/14/13
			8,010.75			05/31/13	2183	1876	RANSOME RENTAL COMPANY LP STANDARD TRACK RENTAL 5/13-5/20/
		***	14,106.40	0.00	***				
			14,106.40	0.00	45,121.41				
	1306	37771	99.75			06/07/13	2184	1849	HICKS BROTHERS LLC 21 SMALL BALES STRAW
		38067	525.00			06/27/13	2188	1556	CONVERY, MATTHEW GPS - RIDLEY CREEK LINE - LOCHWO CHASE AND OPEN SPACE
			624.75	0.00	45,746.16				
			45,746.16	0.00	45,746.16				
07424-7477	LOCHWOOD	ELIMINATION	PHASE 2		0.00				
	1301	35872	379.90			01/24/13	2159	2762	A.J. BLOSENSKI INC. 30 YDS. ROLLOFF HAULING & LANDFI FEE
			379.90	0.00	379.90				
	1302	36189	200.00			02/15/13	2165	2762	A.J. BLOSENSKI INC. 30 YARD ROLLOFF HAULING FEE
		JE 36105		379.90		02/11/13	VOID CHECK		VOID CK. 2159 - OVERCHARGED BY VENDOR - RETURNED CHECK
			200.00	379.90	200.00				
	1303 CD	36711	1,894.91			03/28/13	2167	425	EAST GOSHEN TOWNSHIP 1/1-3/27/13 REIMBURSE GENERAL FU FOR LOCHWOOD PLANT CLOSING LABOR

MGRP18 run by BRIAN 8 : 34 AM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
			1,894.91	0.00	2,094.91				
1306		38067	10,070.71			06/27/13	2190	425	EAST GOSHEN TOWNSHIP 2ND QTR.2013 REIMBURGMENT TO GENER RE: LOCHWOOD PLANT CLOSING LABOR
			10,070.71	0.00	12,165.62				
			12,545.52	379.90	12,165.62				
07425-1000		MARYDELL PUMP STATION - ENGINEER			0.00				
1301		35695	5,493.75			01/15/13	2156	1052	PENNONI ASSOCIATES INC. SERVICES THRU 12/9/12 MARYDELL
			5,493.75	0.00	5,493.75				
1302		36119	5,988.75			02/12/13	2162	1052	PENNONI ASSOCIATES INC. SERV.THURU 1/13/13 MARYDELL PS
			5,988.75	0.00	11,482.50				
1304		36889	6,863.00			04/10/13	2171	1052	PENNONI ASSOCIATES INC. SERVICES THRU 3/17/13 MARYDELL P
		36890	2,167.75			04/10/13	2173	1052	PENNONI ASSOCIATES INC. 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				
1306		37787	7,301.00			06/10/13	2186	1052	PENNONI ASSOCIATES INC. SERVICE THRU 5/12/13 MARYDELL P DIVERSION
			7,301.00	0.00	39,071.46				
1307		38122	5,803.50			07/02/13	2192	1052	PENNONI ASSOCIATES INC. SERV.THURU 6/16/13 MARYDELL PS DI
			5,803.50	0.00	44,874.96				
			44,874.96	0.00	44,874.96				
07425-2000		MARYDELL PUMP STATION -CONSTRUCTION			0.00				
1304		36746	2,351.35			04/01/13	2168	3050	PECO ENERGY TWO MAN PECO CREW- BRACE PECO PO
		36889	20,700.00			04/10/13	2172	3059	PLY-MAR CONSTRUCTION CO.INC. MARYDELL PUMP STATION DIVERSION
			23,051.35	0.00	23,051.35				

MGRP18 run by BRIAN 8 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07425-2000	1305	CD	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				
	1306		37787	50,608.00			06/10/13	2187	3059	PLY-MAR CONSTRUCTION CO.INC. MARYDELL PS DIVERSION APP.3
				50,608.00	0.00	153,363.35				
	1307		38122	31,620.75			07/02/13	2193	3059	PLY-MAR CONSTRUCTION CO.INC. MARYDELL DIVERSION - APP.#4
			38181	220.00			07/03/13	2194	765	LENNI ELECTRIC CORPORATION MARYDELL STATION FEED
				31,840.75	0.00	185,204.10				
				185,204.10	0.00	185,204.10				
07426-1000						0.00				
	1301		35695	2,047.12			01/15/13	2156	1052	PENNONI ASSOCIATES INC. 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
				2,932.62			02/12/13	2162	1052	PENNONI ASSOCIATES INC. SERV.THRU 1/13/13 HERSHEY MILL
			***	5,532.62	0.00	***				
				5,532.62	0.00	7,829.74				
	1304		36889	3,593.75			04/10/13	2171	1052	PENNONI ASSOCIATES INC. SERVICES THRU 3/17/13 HERSHEY MI
			36890	2,516.50			04/10/13	2173	1052	PENNONI ASSOCIATES INC. SERVICE THRU 2/20/13 HRSHEY MILL
				6,110.25	0.00	13,939.99				
	1305		37357	1,539.75			05/14/13	2175	1052	PENNONI ASSOCIATES INC. SERV. THRU 4/14/13 HERSHEY MILL
				1,539.75	0.00	15,479.74				
	1307		38122	7,301.50			07/02/13	2192	1052	PENNONI ASSOCIATES INC. SERV. THRU 6/16/13 HERSHEY MILL
				7,301.50	0.00	22,781.24				
				22,781.24	0.00	22,781.24				
07426-2000						0.00				
	1306		37787	135,130.49			06/10/13	2185	3092	DELAWARE VALLEY UTILITY CONTRACTORS INC. HERSHEY MILL PROJ. APPLICATION 1

MGRP18 run by BRIAN 8 : 34 AM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
			135,130.49	0.00	135,130.49				
1307		38402	2,535.00			07/19/13	2196	425	EAST GOSHEN TOWNSHIP - GENERAL REIMBURSE GEN. FUND FOR MA CREDI CARD PURCHASE - HERSHEY MILL
			2,535.00	0.00	137,665.49				
			137,665.49	0.00	137,665.49				
07427-1000		RESERVE PUMP STATION - ENGINEER			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	***				
			4,932.63	0.00	6,979.76				
1304		36889	1,013.25			04/10/13	2171	1052	PENNONI ASSOCIATES INC. SERVICES THRU 3/17/13 RESERVE PU
		36890	2,516.50			04/10/13	2173	1052	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. SERV. THRU 4/14/13 RESERVE PS
			1,455.00			05/14/13	2177	3075	SPRING MEADOWS HOMEOWNERS ASSOCIATION SEWER RIGHT OF WAY
		***	2,018.25	0.00	***				
		37649	2,600.00			05/31/13	2179	2911	EARTHCORE SERVICES LLC ATV RIG PROBES - 1 DAY
			4,618.25	0.00	15,127.76				
1306		37787	427.50			06/10/13	2186	1052	PENNONI ASSOCIATES INC. SERVICE THRU 5/12/13 - RESERVE P
			427.50	0.00	15,555.26				
1307		38122	2,770.75			07/02/13	2192	1052	PENNONI ASSOCIATES INC. SERVICES THRU 6/16/13 RESERVE PS
			2,770.75	0.00	18,326.01				
			18,326.01	0.00	18,326.01				

MGRE18 run by BRIAN

8 : 34 AM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
Beg Bal		0.00	543,821.46	551,727.84	-7906.38	000011			

AUGUST 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 –**Project Completed**

3. Hershey Mill Pump Station – Construction – **Project Completed**

4. Reserve Pump Station – **Execute agreement Monday**

5. Borrowing – Reimburse Capital Reserve for design and construction funds. .
Submitted loan application.

MUNICIPAL AUTHORITY-2014 PROPOSED BUDGET

Account Title	Acct #	2011 Actual	2012 Actual	2013 Budget	2014 Proposed	\$ Increase	% Increase	Notes
REVENUE								
INTEREST EARNINGS	07341 1000	(4)	23	50	50	-	0%	
INTEREST EARNED - RCSTP EXPANSION	07341 1020	478	76	50	50	-	0%	
C.C. TAPPING FEES	07364 1100	-	-	128,000	124,000	(4,000)	-3%	Goshen Meadows
R.C. TAPPING FEES	07364 1110	2,715	4,000	2,000	(2,000)	(2,000)	-100%	
CONNECTION FEES - SEWER	07364 1130	1,130	846	-	-	-	-	
MISCELLANEOUS REVENUE	07380 1000	1,778	423	1,000	(1,000)	(1,000)	-100%	Only needed if no tapping
TRANSFER FROM SEWER OPERATING	07392 0500	151,000	71,766	121,696	116,022	(5,674)	-5%	fees
LOAN PROCEEDS-SEWER PROJECT	07392 0804	-	-	992,470	(992,470)	(992,470)	-100%	
TRANSFER FROM SEWER CAP RESERVE	07392 0900	26,094	450,000	829,769	75,000	(754,769)	-91%	
TOTAL REVENUE		183,191	527,133	2,075,035	315,122	(1,759,913)	-85%	
EXPENSES								
ADMINISTRATIVE WAGES	07424 1400	33,568	33,568	33,547	33,286	(261)	-1%	Matches GF revenue
MISCELLANEOUS EXPENSE	07424 3000	1,835	950	5,000	4,000	(1,000)	-20%	
MUNIC.AUTH.-AUDITING	07424 3110	13,000	7,900	8,843	8,976	133	2%	General Services, Semi-Annual Sewer reports &
ENGINEERING SERVICES	07424 3130	37,131	34,063	35,000	35,525	525	2%	Chapter 94 reports
LEGAL SERVICES	07424 3140	6,820	7,165	7,000	7,000	-	0%	
MANHOLE COVER REPLACEMENTS	07424 3140	-	-	17,000	(17,000)	(17,000)	-100%	
C.C. CAPITAL- COLLECTION	07424 3140	-	-	100,000	(100,000)	(100,000)	-100%	
R.C. CAPITAL-STP	07424 3140	7,579	-	-	-	-	-	
R.C. CAPITAL - COLLECTION	07424 3140	1,968	-	-	-	-	-	
R.C.-CAP. PROJ.-ENGINEER	07424 3140	117,726	-	-	-	-	-	
R.C. CAP EXPANSION GEN'L CONTRACTOR	07424 3140	250,324	-	-	-	-	-	
R.C. CAP EXPANSION - ELECTRICAL	07424 3140	270,036	1,228	-	-	-	-	
R.C. CAP EXP CONTINGENCY CAPITAL	07424 3140	34,279	-	-	-	-	-	
R.C. CAP EXP CONTINGENCY ONGOING	07424 3140	-	-	-	-	-	-	

LOCHWOOD ABANDONMENT ENGINEER	07424 7475	56,447	44,111	-	-	-	-	-100%
LOCHWOOD ABANDONMENT CONSTRUCTION	07424 7476	-	177,281	55,769	(55,769)	-	-100%	
LOCHWOOD ELIMINATION PHASE 2	07424 7477	-	105,987	-	-	-	-	
MARYDELL PUMP STATION - ENGINEER	07425 1000	3,317	17,962	31,000	(31,000)	-	-100%	
MARYDELL PUMP STATION -CONSTRUCTION	07425 2000	-	-	250,000	(250,000)	-	-100%	
HERSHEY MILL STATION - ENGINEER	07426 1000	4,081	24,646	35,000	(35,000)	-	-100%	
HERSHEY MILL STATION - CONSTRUCTION	07426 2000	-	-	180,000	(180,000)	-	-100%	
RESERVE PUMP STATION - ENGINEER	07427 1000	4,081	22,196	25,000	(25,000)	-	-100%	
RESERVE PUMP STATION - CONSTRUCTION	07427 2000	-	-	125,000	(125,000)	-	-100%	
RESERVOIR PUMP STATION - ENGINEER	07428 1000	1,494	358	-	75,000	75,000	-	
RESERVOIR PUMP STATION - CONSTRUCTION	07428 2000	-	-	-	-	-	-	
M.C.-DVRFA-DEBT SERVICE	07471 1000	18,480	19,600	20,720	22,120	1,400	7%	
M.C.-DVRFA-INTEREST PAYMN	07472 1000	7,764	6,842	6,003	5,115	(888)	-15%	
M.A.-R.C. INTEREST	07472 1010	-	-	-	-	-	-	
TRANSFER TO AUTHORITY CAP FUND	07492 0990	-	-	992,470	(992,470)	-	-100%	
TOTAL EXPENSES		869,930	503,858	1,927,352	191,022	(1,736,330)	-90%	
NET RESULT FROM OPERATIONS		(686,739)	23,275	147,683	124,100			

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

August 9, 2013

To: Municipal Authority
From: Mark Miller
Re: July 2013 Monthly Report

Meters: Meters were read on a daily basis. We had a power problem with the Hicks meter. Peco was notified and eventually repaired the problem.

Pump Stations: Were visited on a daily basis

C.C. Collection: While performing routine maintenance we located a break on Margaret Lane, approximately 10,000 gallons a day due to the depth and location. We decided to perform a point repair.

We are preparing the roads in Pin Oak Farm for a paving overlay as part of the paving program. We replaced 56 manhole castings and lids. The reason we replaced the lids and castings was because each lid has two pick holes the size of fifty cent coins in them, which allows for INI.

The number two pump went down at the Hershey Mill Pump Station on July 4th, the pump was pulled and replaced with a backup pump.

The transducer went bad at the Ashbridge Pump Station two weeks ago. The bad transducer was removed and sent out to get repaired.

R.C. Collection: The street restoration on Cornwallis Drive was completed; we also paved a portion of the two driveways we used during construction.

R.C. Plant: We had two pump problems over the past two months. The first was a pump in the meter pit that failed. I pulled the pump by breaking the pipe union and disconnecting the wire; I handed the pump up to Steve Biondi; we began the task of unscrewing the piping and that's when we found a

2.5" ANOCONDA snake jammed in the pump. The other pump was much easier to deal with.

Alarms:

We received a total of 20 alarms in June and July.

PA One Calls:

We received 110 PA One calls for the month of June and July.



MEMORANDUM

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

FROM: Michael Ellis, P.E.
Authority Engineer

DATE: July 1, 2013

SUBJECT: Engineer's Report

Invoices

- Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- We met with the Authority, plant operator, and attorneys regarding past plant operations, and we reviewed related legal documents.

Marydell PS Elimination

- We continued to perform field observation of the sewer construction including sewer installation through the island at the intersection of Boot Road and Paoli Pike, locating and connection of the Sunoco low pressure sewer to a new manhole, demolition of the Marydell Pump Station, bypass pumping around the pump station, connection of new sewer to the existing manhole behind the pump station, testing of new sewer pipes and manholes, diversion of the existing Marydell wastewater through the new sewers, and restoration paving and landscape work.
- We reviewed the contractor's fourth payment request and forwarded our recommendation to the Township.
- The work is substantially complete with only limited punchlist and restoration work remaining. The contractor intends to remove temporary paving and install permanent paving the week of July 8-12. The contract completion date is July 15.

Hershey's Mill PS Diversion

- We continued to perform limited office support and field observation of punchlist work including installation of a mechanical plug in the abandoned pipe at the manhole on Clover Lane, site clean-up, and restoration. The contractor intends to remove temporary paving and install permanent paving the week of July 8-12. The contract completion date is July 29.

Reserve PS Elimination

- We conducted the bid opening on June 19, prepared a bid tabulation, and forwarded an award recommendation to the Township. Following contract award on June 25, we issued an award letter to the contractor requesting contract documents (Form of Agreement, bonds, and insurance certificate) by July 9.
- We intend to issue Notice to Proceed with Construction immediately upon receipt, approval, and execution of the contract documents. Construction will likely begin in late July, and the contract duration is 90 days.

Reservoir Road Pump Station

- We researched other municipalities and utility companies that are implementing or have implemented similar “slip-stream” sewer diversions. We attended an Act 537 pre-planning meeting at PADEP on June 25. PADEP had no planning or permitting objections to the proposed “slip-stream” diversion concept.
- We initiated preparation of the Act 537 “Task-Activity Report” submission for the project following the meeting. The Report is an outline and cost estimate of the proposed Act 537 planning work for PADEP’s approval and for PADEP to add the project to their list for Act 537 reimbursement grant funding. We tentatively expect to submit the Report to PADEP by July 12.

Hershey’s Mill Pump Station

- We attended an on-site meeting at the pump station with M. Miller and MGK Industries to evaluate alternatives for air/vacuum release valving, backpressure controls, and deteriorated piping replacements.

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

FYI

June 26, 2013

Dear Property Owner:

The purpose of this letter is to inform you that Sunny Ridge Farms, LLC has submitted a Subdivision and Land Development application and plans for the property at 1551 Colonial Lane, West Chester, PA 19380 (TPN 53-4-41).

Sunny Ridge Farms, LLC is proposing to subdivide and develop the 5.5 acre property creating four lots and single family homes.

Pursuant to Township policy, property owners within 1,000 feet of a proposed development are notified of subdivision and land development submissions.

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

July 3, 2013 - Planning Commission meeting (workshop at 7:00 pm, formal meeting @ 7:30 pm) **(Presentation of Subdivision and Land Development Plan)**

August 7, 2013 - Planning Commission meeting (workshop at 7:00 pm, formal meeting @ 7:30 pm)

September 4, 2013 - Planning Commission meeting (workshop at 7:00 pm, formal meeting @ 7:30 pm)

September 17, 2013 - Board of Supervisors (7:00 pm)

All meetings are held at the Township Building, are open to the public and **subject to change**. The application and plans for this proposed development are available for review at the Township Administrative Building during normal business hours. Please give me a call at 610-692-7171 or email me at mgordon@eastgoshen.org if you have any questions or need additional information.

Sincerely,



Mark A. Gordon
Township Zoning Officer

Cc: Township Authority, Boards and Commissions



MEMORANDUM

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

FROM: Michael Ellis, P.E.
Authority Engineer

DATE: August 8, 2013

SUBJECT: Engineer's Report

Invoices

- Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- Pennoni continues to provide operations assistance as needed. No issues were brought to our attention in July.
- We coordinated with the Township and PADEP in response to an inquiry from PADEP regarding groundwater monitoring at Applebrook.

Marydell PS Elimination

- The project is 100% complete. We performed limited field observation during final paving and restoration work.
- We reviewed and negotiated Change Order #2 with the contractor. We also reviewed the contractor's fifth (final) payment request and forwarded our recommendation to the Township.
- We reviewed contract closeout documents including as-built plans, sewer inspection videos, payroll certifications, statement of surety, and contractor's release. We also coordinated the Maintenance Bond with the contractor and surety.

Hershey's Mill PS Diversion

- The project is 100% complete. We performed limited field observation during final paving and restoration work.
- We performed contract closeout activities including review of the contractor's second (final) payment request, as-built plans and sketches, drilling logs, payroll certifications, statement of surety, and contractor's release.

Reserve PS Elimination

- We received a partial submission of contract documents (Form of Agreement and insurance certificate) from the awarded contractor. Contract bonds and pollution liability insurance were not provided. We have had numerous conversations with the contractor requesting these documents and responding to his questions and concerns about pollution liability insurance. He has informed us that the bonds and pollution liability insurance will be provided to us on August 9.
- If these documents are provided prior to the August 12 Authority meeting and are found acceptable, we will issue Notice to Proceed with Construction immediately thereafter, likely effective August 14 or 15. We will attempt to schedule a pre-construction meeting within the following week. Construction would then likely begin in early September, and the contract duration is 90 days.
- If these documents are not provided prior to the August 12 Authority meeting, we will recommend that the Authority terminate the award and pursue a contract with the next low bidder.

Reservoir Road Pump Station

- We finalized and submitted the Act 537 “Plan of Study and Task-Activity Report” to PADEP for project approval and for PADEP to add the project to their list for Act 537 reimbursement grant funding. The report was submitted on July 29. PADEP indicated they would attempt to review the report within 2-3 weeks.

Chapter 94 Reports

- PADEP conducted a preliminary review of the 2012 RCSTP Chapter 94 Report and provided a review letter with no project-specific comments. The letter does not require any responses.
- PADEP has not yet provided feedback on the 2012 West Goshen or Westtown Chapter 94 Reports or on the Lockwood Chase STP Chapter 94 letter.



Monthly Operations Report: June 2013

Treatment Process Operation

During May 2013, there were no exceedances of the final effluent discharge limitations for outfall 001. Table 1 illustrates the final effluent composite sample data reported for the May 2013 eDMR.

Table 1

May 2013 - Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	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	2.0	1.5	5	4	0.179	0.13	0.35	0.26	1	0.0000
May 30, 2013	0.122	2.0	2.0	5	5	0.100	0.10	0.23	0.23	1	0.0000
Average	0.0953	2.0	2	6	4	0.133	0.11	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	0.179	0.13	0.35	0.26	1	0.0000

The monthly average total phosphorus concentration was 0.24 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 0.35 mg/L.

Flow to Applebrook, Outfall 002, continued during May and June. Table 2 illustrates the data reported for the May 2013 eDMR. Table 3 illustrates the influent wastewater pollutant loadings for May 2013. The influent loadings remained within the treatment facility design loadings.



Table 2

May 2013 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
Instantaneous Maximum	40		42								
Sample Date											
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	2.0	2.6	5	7	0.179	0.23	0.35	0.46	1	0.0000
May 30, 2013	0.152	2.0	2.5	5	6	0.100	0.13	0.23	0.29	1	0.0000
Average	0.1645	2.0	3	6	8	0.133	0.18	0.24	0.32	1	0.0000
Minimum	0.1523	2.0	3	5	6	0.100	0.13	0.10	0.13	1	0.0000
Maximum	0.1905	2.0	3	7	11	0.179	0.24	0.35	0.46	1	0.0000

Table 3

May 2013 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	MGD Average	335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
May 7, 2013	0.2794	118	275	138	322	23.0	54	34.8	81	4.1	10
May 16, 2013	0.3979	131	435	124	411	28.0	93	36.2	120	4.5	15
May 23, 2013	0.2884	184	443	5	12	32.1	77	45.5	109	4.9	12
May 30, 2013	0.3786	84.5	267	140	442	47.6	150	48.3	153	4.8	15
Average	0.3361	129	355	102	297	33	94	41	116	5	13
Minimum	0.2794	85	267	5	12	23	54	35	81	4	10
Maximum	0.3979	184	443	140	442	48	150	48	153	5	15



During the month of June 2013, there were no exceedances of the permit limitations for the monthly averages. There were two (2) exceedances of the weekly and instantaneous permit limitations for total suspended solids and fecal coliform, respectively. Discontinuation of flow to Outfall 002, Applebrook, on June 11th avoided exceedances of the permit effluent limitations. These exceedances are directly related to the excessive hydraulic loading to the facility as a result of Tropical Storm Andrea followed by a second rainfall event. From June 6th through June 8th, a total of 3.46 inches of rainfall was recorded at the facility. A second storm event on June 10th through June 11th resulted in an additional 1.09 inches of rainfall. A total of 8.20 inches of rainfall was recorded during the month of June. Figure 1 illustrates the daily hydraulic loadings to the SBRs compared to the daily rainfall measured at RCSTP facility.

Figure 1

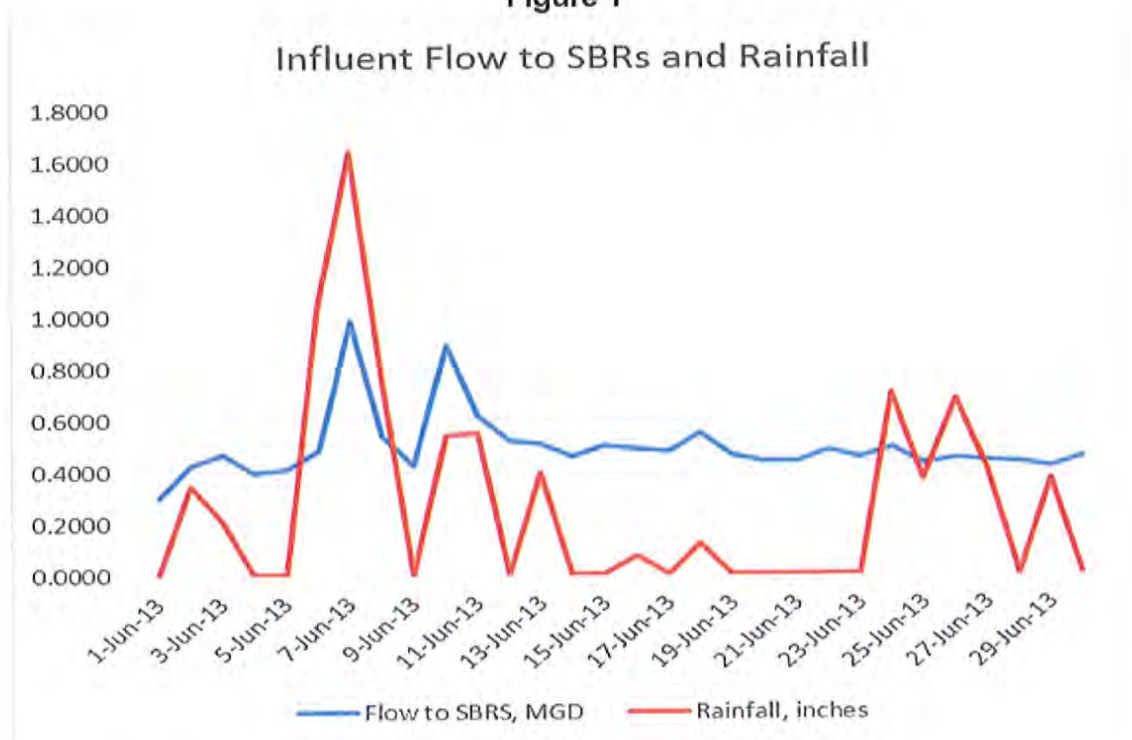




Table 4 presents the available final effluent data for the month of June. Samples collected on June 11th and June 26th were analyzed for selected permit parameters.

Table 4

June 2013 - Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
June 5, 2013	0.144	2.0	2.4	5	6	0.100	0.12	0.24	0.29	1	0.0000
June 11, 2013	0.454	ns	ns	ns	ns	ns	ns	1.20	4.54	2900	3.4624
June 13, 2013	0.347	2.0	5.8	26	75	0.100	0.29	0.36	1.04	1	0.0000
June 20, 2013	0.176	2.2	3.2	11	16			0.22	0.32	1	0.0000
June 26, 2013	0.172	ns	ns	ns	ns			0.15	0.22	ns	ns
June 27, 2013	0.189							0.24	0.38	1	0.0000
Average	0.2470	2.1	4	14	32	0.100	0.20	0.40	1.13	581	0.6925
Minimum	0.1440	2.0	2	5	6	0.100	0.12	0.15	0.22	1	0.0000
Maximum	0.4540	2.2	6	26	75	0.100	0.29	1.20	4.54	2900	3.4624

Transfer of treated effluent to the Applebrook Golf Course continued during June with the exception of June 11th through June 14th. During June, the average daily average for Outfall 002 was 115,470 gallons per day. During the high flow period, the pump Table 5 presents available data for the Applebrook discharge.



Table 5

June 2013 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
Instantaneous Maximum	40		42								
Sample Date											
June 5, 2013	0.143	2.0	2.4	5	6	0.100	0.12	0.10	0.12	1	0.0000
June 11, 2013	0.000	No Discharge									
June 13, 2013	0.000										
June 20, 2013	0.147							0.22	0.27	1	0.0000
June 27, 2013	0.145									1	0.0000
Average	0.0869	2.0	2	5	6	0.100	0.12	0.16	0.19	1	0.0000
Minimum	0.0000	2.0	2	5	6	0.100	0.12	0.10	0.12	1	0.0000
Maximum	0.1470	2.0	2	5	6	0.100	0.12	0.22	0.27	1	0.0000

Table 6 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 6

June 2013 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
	MGD Average	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
			335	2,098	320	2,001	32	200	48	301	9.1
Sample Date											
June 5, 2013	0.3637	140	425	435	1,319	33.6	102	44.9	136	6.7	20
June 11, 2013	0.6065	ns		235		ns		ns		ns	
June 13, 2013	0.5019	125	523	186	779	33.0	138	37.9	159	5	21
June 20, 2013	0.4355	163	592					40.5	147	4.7	17
June 27, 2013	0.4360										
Average	0.4687	143	513	285	1049	33	120	41	147	5	19
Minimum	0.3637	125	425	186	779	33	102	38	136	5	17
Maximum	0.6065	163	592	435	1319	34	138	45	159	7	21



Sequencing batch reactors (SBRs) numbered 1, 3 and 4 were in service during the month of May. SBR number 2 was placed in service during the high flow events on June

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 was removed by equipment provider.

Coordination with the Hach Company has been initiated to perform a pilot study of their RTC for phosphorus monitoring. Equipment is planned to be deployed when it becomes available.

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



Flow data:

June 2013		
Flow Meter Location	Total Volume for Month, MGD	Average Daily Flow, gpd
Influent Wastewater to Screening Building	14.842	493,966
Influent Wastewater to SBRs	14.819	494,731
Internal Recycle	0.4611	15,370
Treated Effluent to Disc Filters	14.510	483,651
Final Effluent Discharge	7.331	238,433
Applebrook Golf Course	3.464	115,470

Chemical Usage:

June 2013		
Chemical	Daily Average	Total Monthly
Soda Ash	392 lbs./day	11,750 pounds
Magnesium Hydroxide	0 gpd	0 gallons
Aluminum Sulfate solution	68.3 gpd	2,048 gallons
Polymer (centrifuge)	4.5*	64 gallons

**Nine (9) days of centrifuge operation*

Solids Dewatering and Disposal: June 2013

Sludge Dewatering Summary	
Gallons of sludge dewatered	138,268 gallons
Average Dewatered Total Solids, %	19.5%
Wet Tons	17.47
Dry Tons	3.41
Number of dumpsters	2

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 4.16 feet and the level at the end of the month was 6.10 feet. The initial total



solids concentration was 0.59% and ended the month as 0.53% total solids. No supernatant was decanted during the month. A total of 150 pounds of soda ash was added during the month for pH adjustment.

Sludge holding tank No. 2 was in service. The level at the beginning of the month was 12.87 feet and the level at the end of the month was 11.84 feet. The initial total solids concentration was 0.51% and ended the month as 0.65% total solids. A total of 146,300 gallons of supernatant was decanted during the month. A total of 800 pounds of soda ash was added during the month for pH adjustment.

Significant Storm Events

As previously described, during June there were two significant rainfall events contributing to excessive influent wastewater flows to the treatment facility.

Minor Repairs and Preventative Maintenance

- Replaced the inlet air filters for B1A, B1B, B1C and B2.
- Replaced the four one inch valves on the piping to the SBRs. The valves were leaking. Cleaned the aluminum sulfate solution spill containment tank.
- Repaired a broken section of one inch pipe used to convey aluminum sulfate solution to SBR No. 2.
- Installed the replacement centrifuge controls UPS.
- Replaced the composite sampler suction tubing.
- Assisted the Township and Aqua Resources with removal of the grit from the influent flow channel located within the Screening building.



Monthly Operations Report: July 2013

Treatment Process Operation

During the month of June 2013, there were no exceedances of the permit limitations for the monthly averages. There were two (2) exceedances of the weekly and instantaneous permit limitations for total suspended solids and fecal coliform, respectively. There were no exceedances of the permitted discharge limitations for Outfall 002, Applebrook. Flow to Applebrook was discontinued during the high flow period. The exceedances were the direct result of several filled settle and filled decants when flows exceeded the average daily hydraulic design loading. Table 1 illustrates the data reported for the June 2013 eDMR.

Table 1

June 2013 - Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
June 5, 2013	0.144	2.0	2.4	5	6	0.100	0.12	0.24	0.29	1	0.0000
June 11, 2013	0.607							1.20	6.07	2900	3.4624
June 13, 2013	0.347	2.0	5.8	26	75	0.100	0.29	0.36	1.04	1	0.0000
June 20, 2013	0.176	2.2	3.2	11	16	0.415	0.61	0.22	0.32	1	0.0000
June 27, 2013	0.189	2.9	4.6	5	8	0.189	0.30	0.24	0.38	1	0.0000
Average	0.2925	2.3	4	12	26	0.201	0.33	0.45	1.62	5	0.6925
Minimum	0.1440	2.0	2	5	6	0.100	0.12	0.22	0.29	1	0.0000
Maximum	0.6065	2.9	6	26	75	0.415	0.61	1.20	6.07	2900	3.4624

The monthly average total phosphorus concentration was 0.45 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 1.20 mg/L to 0.29 mg/L.



Flow to Applebrook, Outfall 002, continued during June. Table 2 illustrates the data reported for the June 2013 eDMR.

Table 2

June 2013 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		, mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/month	mg/L	lbs/month	mg/L	lbs/month	mg/L	lbs/month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
Instantaneous Maximum	40		42								
Sample Date											
June 5, 2013	0.143	2.0	2.4	5	6	0.100	0.12	0.24	0.29	1	0.0000
June 11, 2013	0.000	No Discharge									
June 13, 2013	0.000	No Discharge									
June 20, 2013	0.147	2.2	2.7	11	13	0.415	0.51	0.22	0.27	1	0.0000
June 27, 2013	0.145	2.9	3.5	5	6	0.189	0.23	0.24	0.29	1	
Average	0.0869	2.4	3	7	8	0.235	0.29	0.23	0.28	1	0.0000
Minimum	0.0000	2.0	2	5	6	0.100	0.12	0.22	0.27	1	0.0000
Maximum	0.1470	2.9	4	11	13	0.415	0.51	0.24	0.29	1	0.0000

Table 3 illustrates the influent wastewater pollutant loadings for June 2013. The influent loadings remained within the treatment facility design loadings.

Table 3

June 2013 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	MGD Average		335	2,098	320	2,001	32	200	48	301	9.1
Sample Date											
June 5, 2013	0.3818	140	446	435	1,385	33.6	107	44.9	143	6.2	20
June 11, 2013	0.6065	NS		NS		NS		NS		NS	
June 13, 2013	0.2726	125	284	235	534	33	75	37.9	86	5	11
June 20, 2013	0.4355	163	592	186	676	32.6	118	40.5	147	4.7	17
June 27, 2013	0.4360	113	411	245	891	36.2	132	37.2	135	5.2	19
Average	0.4265	135	433	275	871	34	108	40	128	5	17
Minimum	0.2726	113	284	186	534	33	75	37	86	5	11
Maximum	0.6065	163	592	435	1385	36	132	45	147	6	20



Table 4 presents the available final effluent data for the month of July.

Table 4

July 2013 - Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total , mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
July 3, 2013	0.183	2.0	3.1	5	8	0.254	0.39	0.27	0.41	1	0.0000
July 11, 2013	0.142	2.0	2.4	13	15	0.100	0.12	0.56	0.66	1	0.0000
July 18, 2013	0.126	2.0	2.1	12	13	0.100	0.11	0.64	0.67	1	0.0000
July 25, 2013	0.127	2.2	2.3	7	7	0.100	0.11	0.30	0.32	1	0.0000
Average	0.1445	2.1	2	9	11	0.139	0.18	0.44	0.52	1	0.0000
Minimum	0.1260	2.0	2	5	7	0.100	0.11	0.27	0.32	1	0.0000
Maximum	0.1830	2.2	3	13	15	0.254	0.39	0.64	0.67	1	0.0000

Transfer of treated effluent to the Applebrook Golf Course continued during July. Table 5 presents available data for the Applebrook discharge for July.

Table 5

July 2013 - Applebrook - Out Fall 002											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		, mg/L		Fecal Coliform	
	MGD Average	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	mg/L	lbs/ month	Geo Mean	Geo Mean
	0.75	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
July 3, 2013	0.143	2.0	2.4	5	6	0.254	0.30	0.27	0.32	1	0.0000
July 11, 2013	0.149	2.0	2.5	13	16	0.100	0.12	0.56	0.70	1	0.0000
July 18, 2013	0.149	2.0	2.5	12	15	0.100	0.12	0.64	0.80	1	0.0000
July 25, 2013	0.148	2.2	2.7	7	9	0.100	0.12	0.30	0.37	1	0.0000
Average	0.1473	2.1	3	9	11	0.139	0.17	0.44	0.55	1	0.0000
Minimum	0.1426	2.0	2	5	6	0.100	0.12	0.27	0.32	1	0.0000
Maximum	0.1493	2.2	3	13	16	0.254	0.30	0.64	0.80	1	0.0000



Table 6 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 6

July 2013 - Influent Wastewater											
Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
	MGD Average	335	2,098	320	2,001	32	200	48	301	9.1	57
Sample Date											
July 3, 2013	0.3556	206	611	345	1,023	30.9	92	35.6	106	4.7	14
July 11, 2013	0.3834	125	400	505	1,615	40	128	57.3	183	7.7	25
July 18, 2013	0.3685	242	744	295	907	40.7	125			7.8	24
July 25, 2013	0.3409	162	461	284	807	33.1	94				
Average	0.3621	184	554	357	1088	36	110	46	144	7	21
Minimum	0.3409	125	400	284	807	31	92	36	106	5	14
Maximum	0.3834	242	744	505	1615	41	128	57	183	8	25

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 60 to 95%. The foam color ranges from a light to medium brown 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 during July due to lowering MLSS concentrations to prevent excessive filamentous growth and periods of anoxic conditions incurred during SBR idle times.



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 has been postponed until September.

Process Monitoring On-Line Instrumentation:

Coordination with the Hach Company is n going to perform a pilot study of their RTC for phosphorus monitoring. Equipment is planned to be deployed when it becomes available.

Flow data:

July 2013		
Flow Meter Location	Total Volume for Month, MGD	Average Daily Flow, gpd
Influent Wastewater to Screening Building	11.605	374,367
Influent Wastewater to SBRs	12.500	403,214
Internal Recycle	0.884	28,501
Treated Effluent to Disc Filters	11.947	385,375
Final Effluent Discharge	4.689	151,258
Applebrook Golf Course	4.558	147,015

Chemical Usage:

July 2013		
Chemical	Daily Average	Total Monthly
Soda Ash	417 lbs./day	12,500 pounds
Magnesium Hydroxide	0 gpd	0 gallons
Aluminum Sulfate solution	56.7 gpd	1,700 gallons
Polymer (centrifuge)	4.5*	50 gallons

**Eleven (11) days of centrifuge operation*

Solids Dewatering and Disposal: July 2013

Sludge Dewatering Summary	
Gallons of sludge dewatered	187,691 gallons
Average Dewatered Total Solids, %	19.7%
Wet Tons	17.66
Dry Tons	5.449
Number of dumpsters	3



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 6.37 feet and the level at the end of the month was 13.56 feet. The initial total solids concentration was 0.56% and ended the month as 0.63% total solids. A total of 77,000 gallons of supernatant was decanted during the month. A total of 1,100 pounds of soda ash was added during the month for pH adjustment.

Sludge holding tank No. 2 was in service. The level at the beginning of the month was 13.34 feet and the level at the end of the month was 9.25 feet. The initial total solids concentration was 0.67% and ended the month as 0.81% total solids. A total of 253,750 gallons of supernatant was decanted during the month. A total of 1,050 pounds of soda ash was added during the month for pH adjustment.

Significant Storm Events

No significant storms or occurred during July impacting the treatment process.

Minor Repairs and Preventative Maintenance

- Repaired and tightened the drive belt for the SBR building exhaust fan
- Adjusted the fan for the centrifuge back drive motor.
- Replaced the intake filter for the SBR blowers.
- Replaced the pump and motor spider coupling for disc filter number 1.
- Replaced ball valves on aluminum sulfate piping manifold supplying aluminum sulfate.
- Repair broken aluminum sulfate pvc piping to SBR number 2.

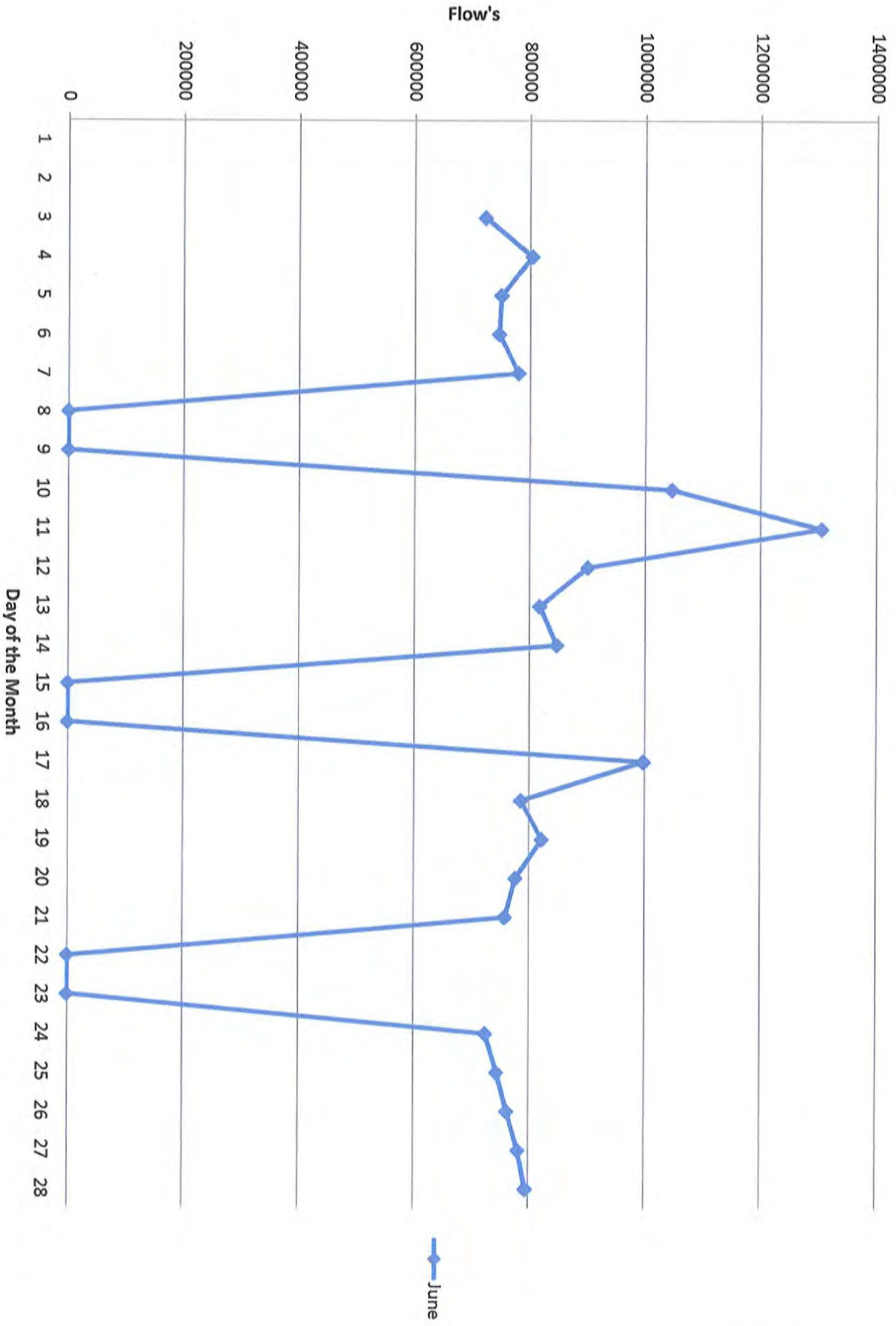
2013 SUMMARY OF METER READINGS

	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT	HERSHEY MILL	ASHBRIDGE	HICKS	RESERVOIR	SHERMAN	BARKWAY
JANUARY	1,277,069	120,481	60,165	63,671	20,400	89,992	70,106	387,898	922,377	7,363	11,147
FEBRUARY	1,297,700	101,955	56,216	77,811	20,400	89,500	64,950	292,895	936,368	7,669	10,544
MARCH	1,285,156	105,488	68,636	85,607	20,400	79,416	66,580	365,108	594,040	3,899	7,122
APRIL	1,127,728	92,814	69,146	68,496	20,400	73,245	59,483	335,818	1,030,755	5,310	9,527
MAY	1,109,530	95,306	70,372	69,500	20,400	81,412	65,970	307,972	864,850	6,661	11,011
JUNE	939,067	145,961	76,451	82,547	20,400	95,383	68,653		773,741	5,759	11,576
JULY											
AUGUST											
SEPTEMBER											
OCTOBER											
NOVEMBER											
DECEMBER											
Total Flows											
Monthly Ave	1,172,708	110,334	66,831	74,605	20,400	84,825	65,957	281,615	853,689	6,110	10,155

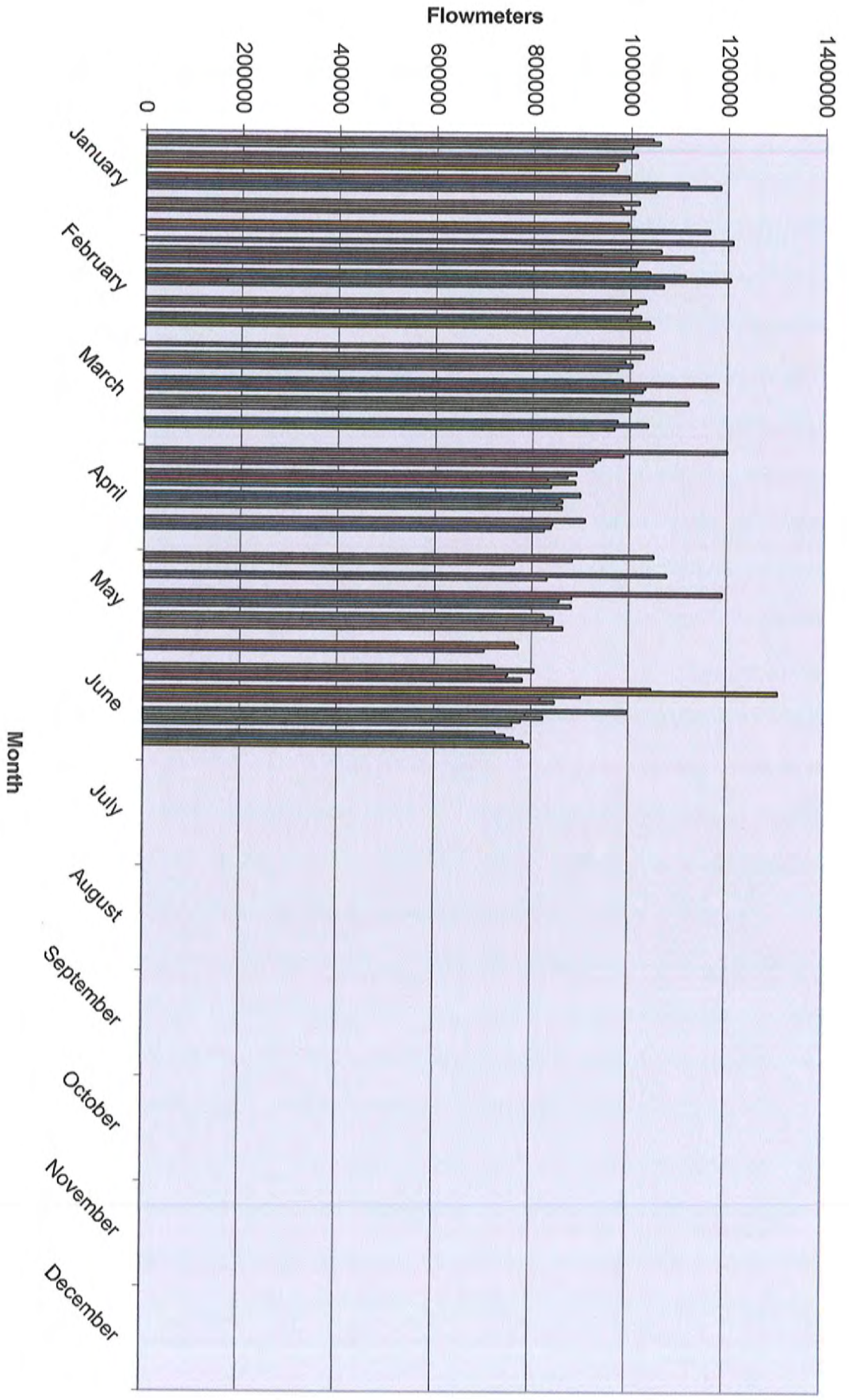
To
West Goshen

920,938

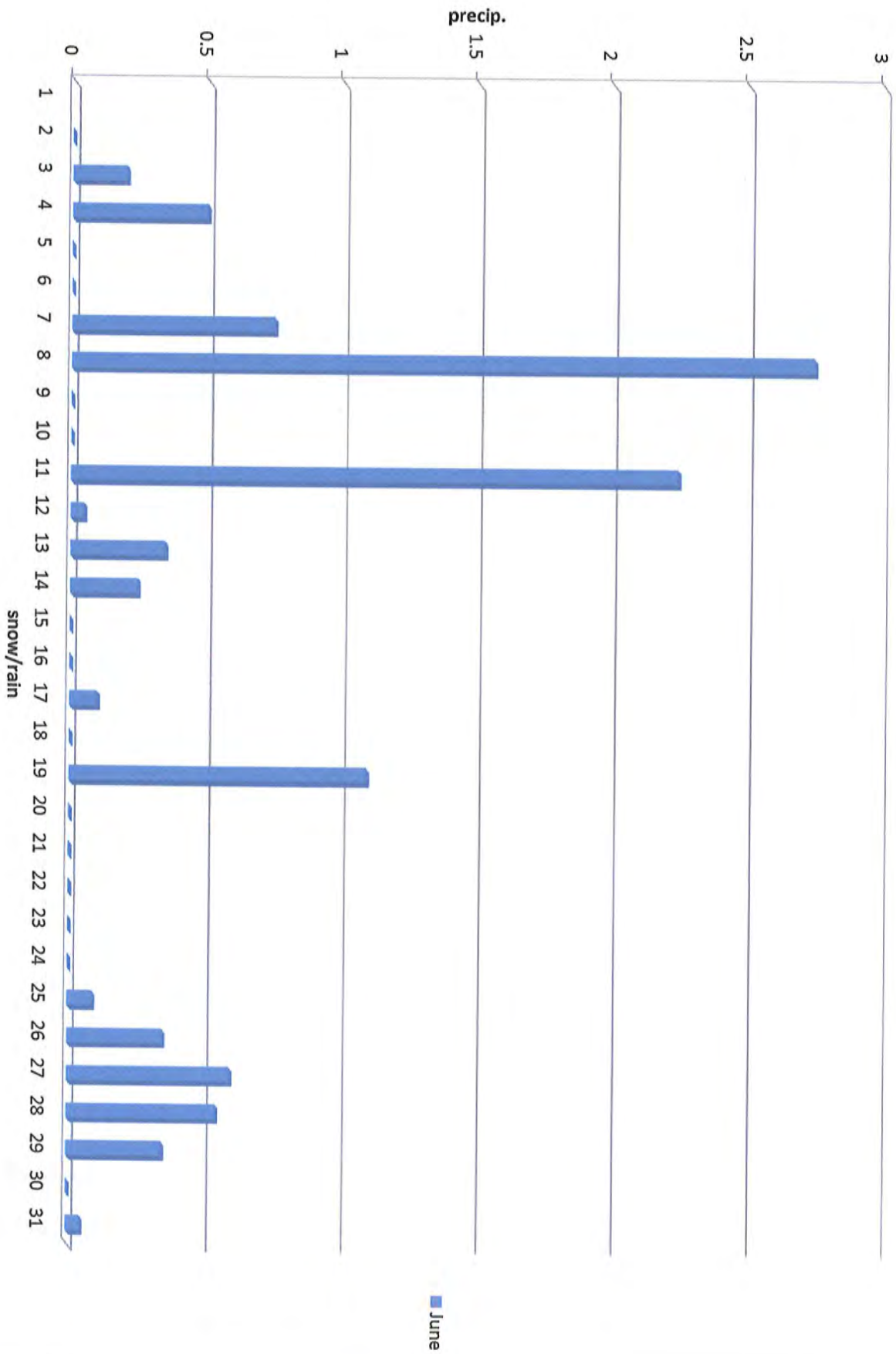
Flowmeters June 2013



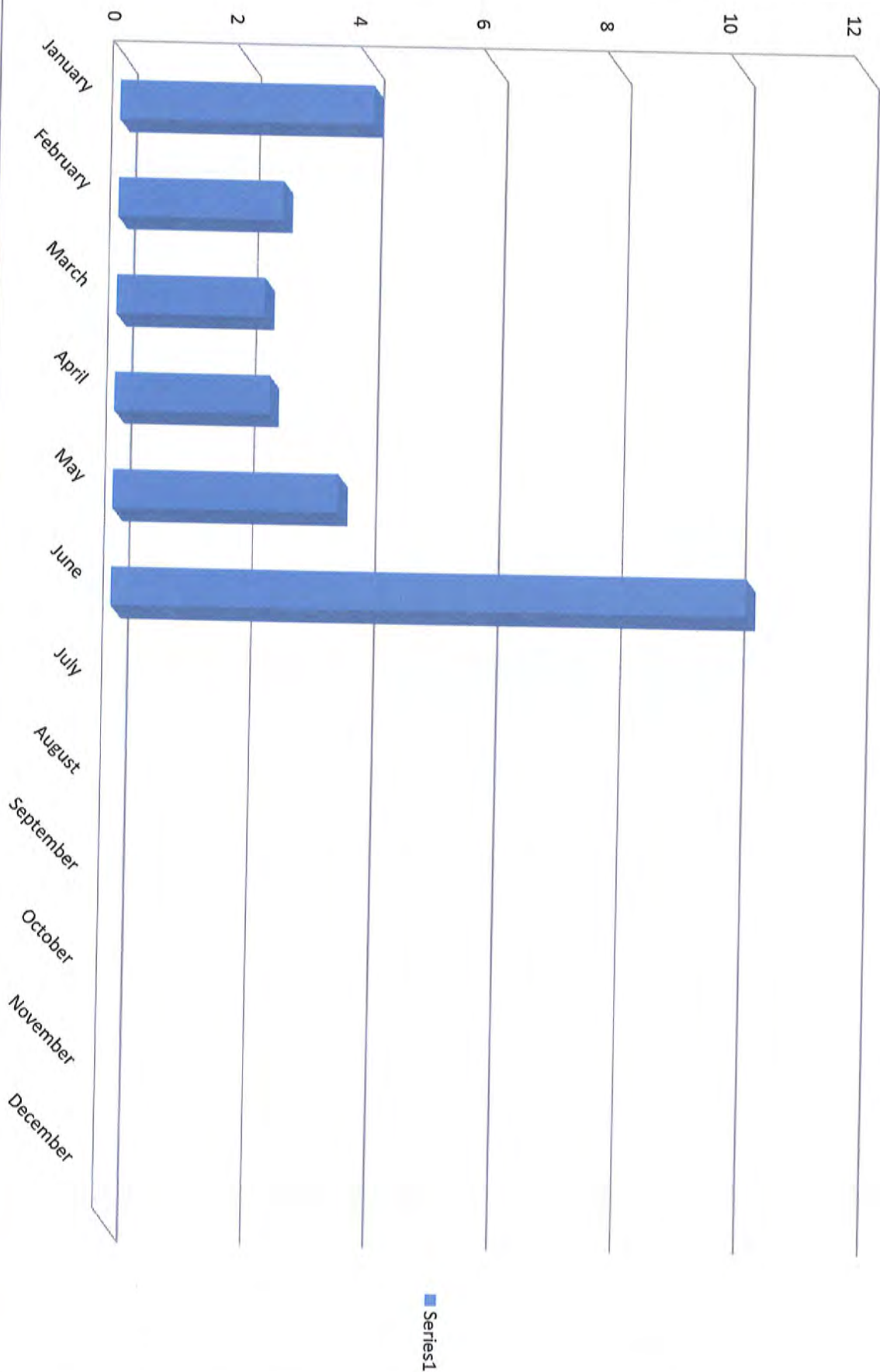
Monthly Totals 2012 Jan-Dec



June Precip. 10.29 - 2013



2013 Monthly Precipitation

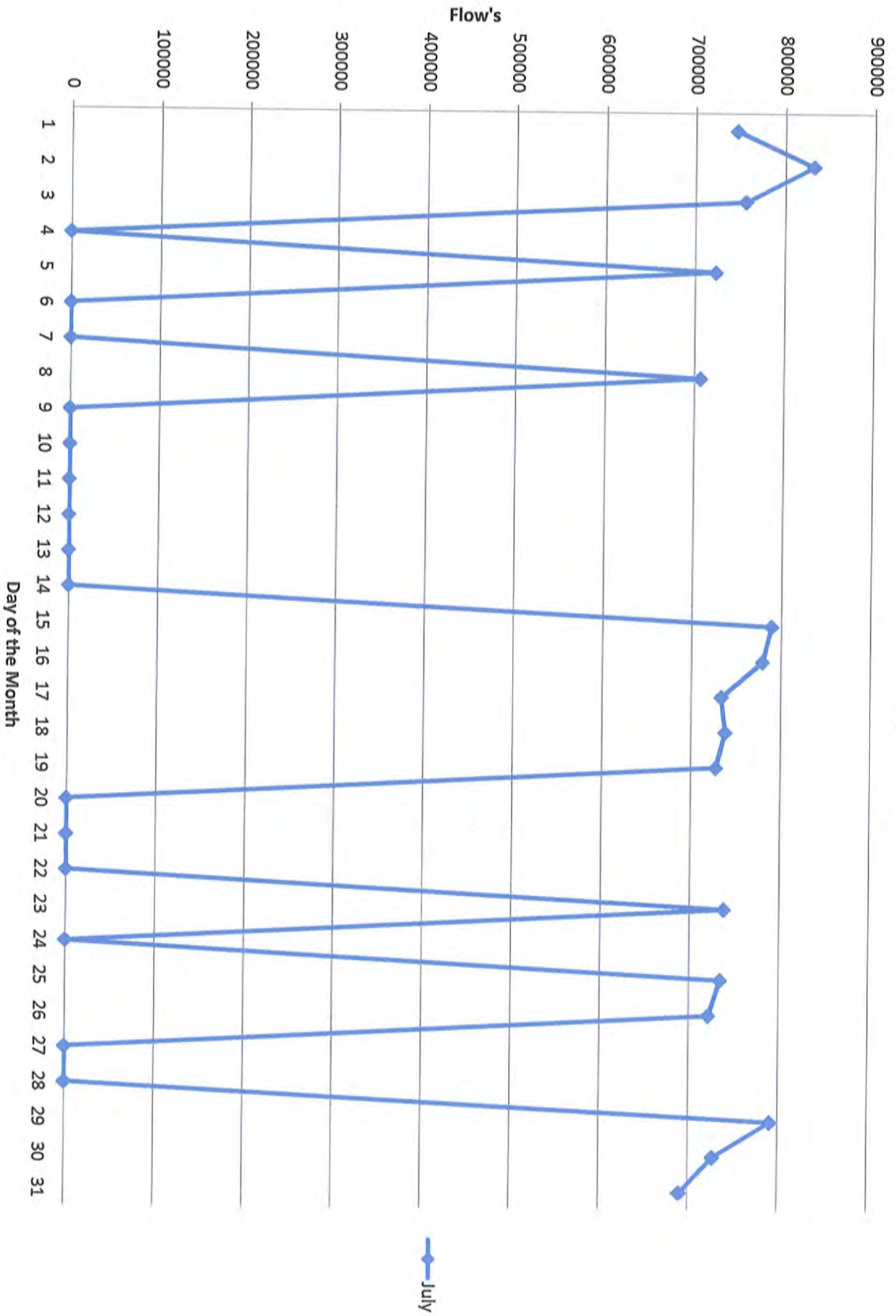


2013 SUMMARY OF METER READINGS

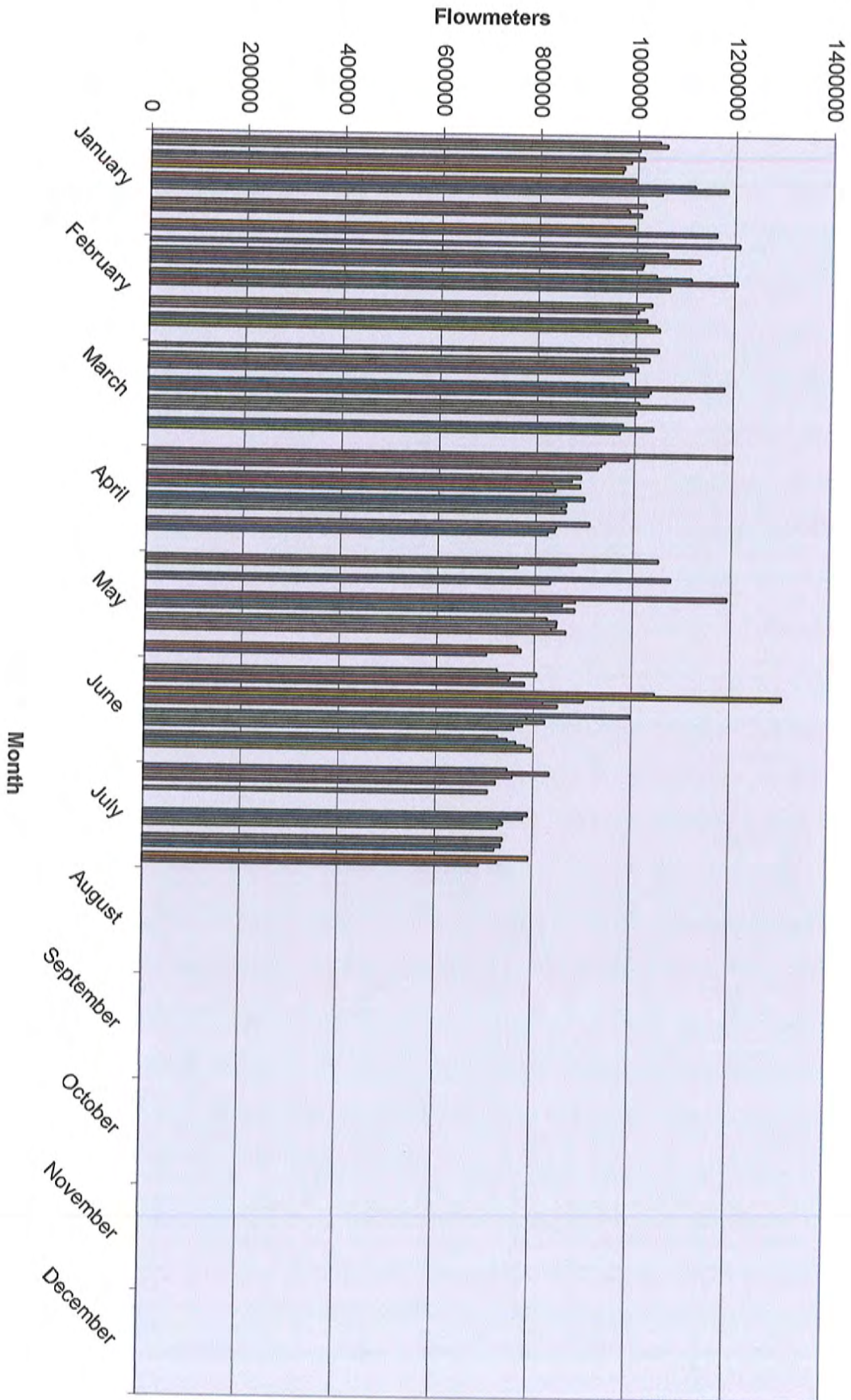
	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT	HERSHEY MILL	ASHBRIDGE	HICKS	RESERVOIR	SHERMAN	BARKWAY
JANUARY	1,277,069	120,481	60,165	63,671	20,400	89,992	70,106	387,898	922,377	7,363	11,147
FEBRUARY	1,297,700	101,955	56,216	77,811	20,400	89,500	64,950	292,895	936,368	7,669	10,544
MARCH	1,285,156	105,488	68,636	85,607	20,400	79,416	66,580	292,895	594,040	3,899	7,122
APRIL	1,127,728	92,814	69,146	68,496	20,400	73,245	59,483	365,108	1,030,755	5,310	9,527
MAY	1,109,530	95,306	70,372	69,500	20,400	81,412	65,970	335,818	864,850	6,661	11,011
JUNE	939,067	145,961	76,451	82,547	20,400	95,383	68,653	307,972	773,741	5,759	11,576
JULY	1,167,686	118,589	72,476	103,441	20,400	85,258	64,865	288,723	698,462	5,572	10,464
AUGUST											
SEPTEMBER											
OCTOBER											
NOVEMBER											
DECEMBER											
Total Flows											
Monthly Ave	1,171,991	111,513	67,637	78,725	20,400	84,887	65,801	282,631	831,513	6,033	10,199

To
West Goshen 914,115

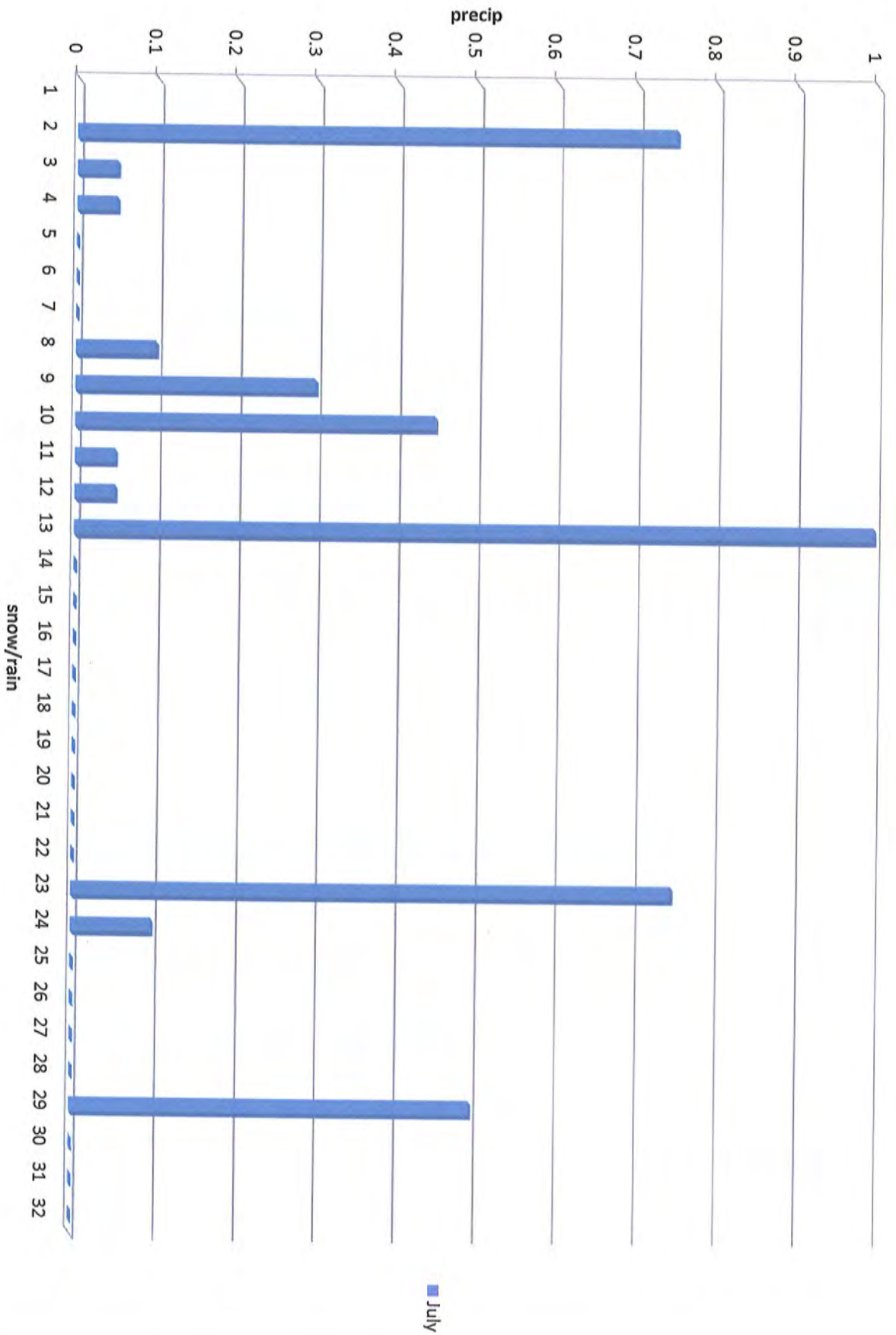
Flowmeters July 2013



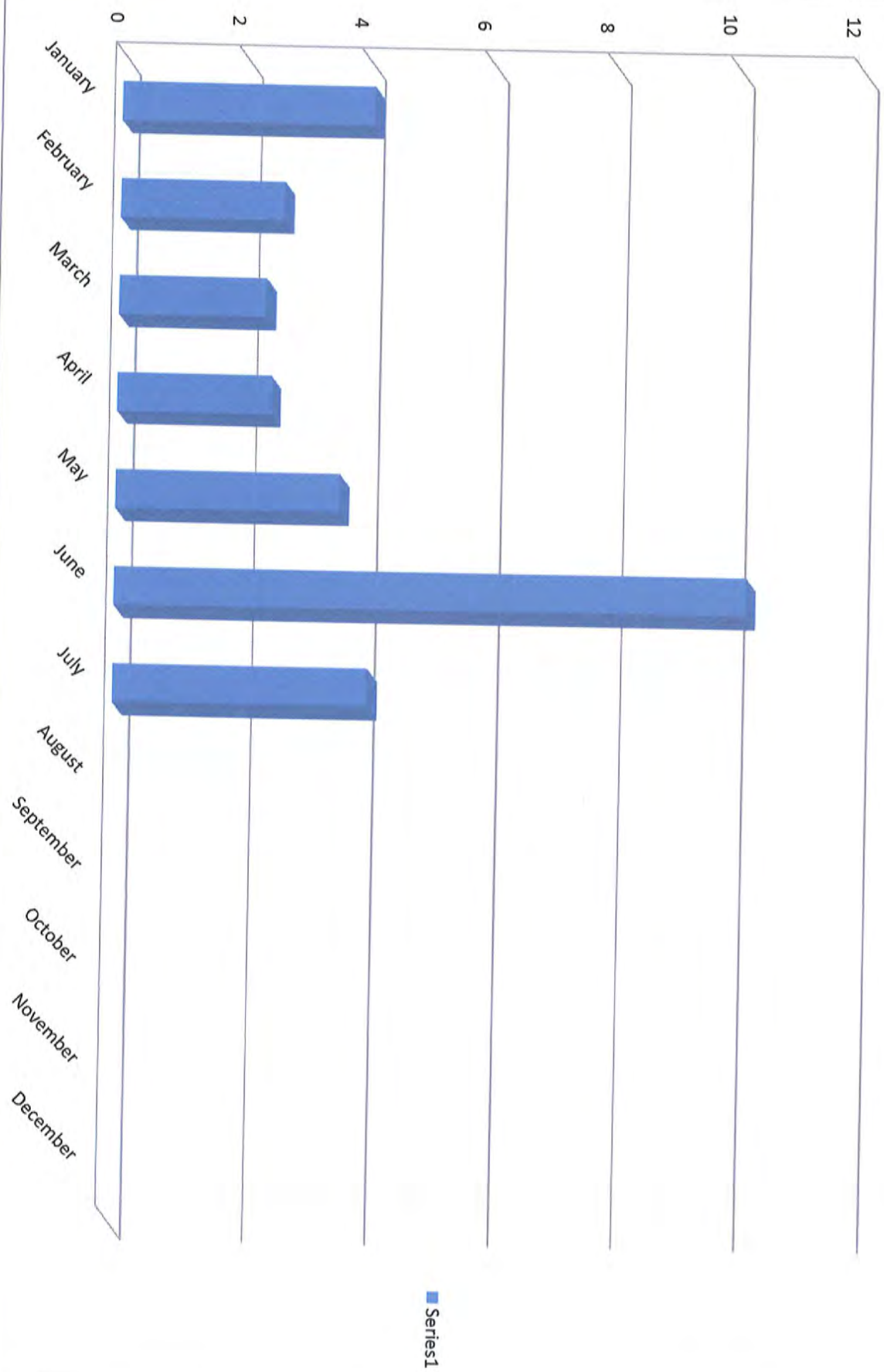
Monthly Totals 2012 Jan-Dec



July Precip. 4.15 - 2013



2013 Monthly Precipitation



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



July 31, 2013

Dear Property Owner:

The purpose of this letter is to inform you that the Township has received a Conditional Use Application from QVC, Inc. requesting to amend an existing conditional use approval for the use of satellite dishes on their property at 1365 Enterprise Drive.

QVC proposes to increase the number of satellite dishes on the property from 6 (six) to 12 (twelve). The existing satellite dishes are located within the fenced in area along the southern side of the building. The new satellite dishes will be located in the same area as the existing dishes and will be enclosed by a fence and the area will be landscaped.

Pursuant to Township ordinance all property owners within 1000 feet of the property seeking Conditional Use approval, are notified of the meeting dates when the application will be discussed. The scheduled dates of the public meetings for review and potential approval of this application are as follows:

August 7, 2013 - Planning Commission meeting (workshop 7:00 pm, formal meeting at 7:30 pm)
(Presentation of Application)

September 17, 2013 - Board of Supervisors meeting (7:00 pm)
(Conditional Use Hearing)

All meetings and workshops are held at the Township Building and are open to the public and subject to change. The application materials are available for review during normal business hours. If any person who wishes to attend the hearing has a disability and/or requires an auxiliary aid service or other accommodation to observe or participate in the hearing, he or she should contact the Township at 610-692-7171 to discuss how those needs may be accommodated.

Please call me if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mark A. Gordon'.

Mark A. Gordon
Township Zoning Officer

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

FYI

July 29, 2013

Dear Property Owner:

The purpose of this letter is to inform you that Mr. Donald C. Ruddy has submitted a Zoning Hearing Board application requesting zoning variances for his property at 1410 Linden Ln., West Chester, PA, 19380. Mr. Ruddy is seeking dimensional and use variances from the Township Zoning Ordinance. The applicant is requesting a dimensional variance of 10 feet from the 20 foot side yard setback requirement listed in §240-9.G. The applicant is also seeking a use variances from sections §240-26.B(6)(a), (c), and (g) in order to construct a single family home in the floodplain.

Mr. Ruddy proposes to build a single family dwelling on the lot at 1410 Linden Lane however the lot is encumbered by floodplain. Mr. Ruddy proposes to place fill in the flood plain area in order to raise the elevation of the house thus removing it from the flood plain. In order to place fill in the floodplain Mr. Ruddy needs to be granted the requested variances in order to move forward with the permitting process with the Federal Emergency Management Agency.

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

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

August 7, 2013 - Planning Commission meeting (workshop at 7:00 pm, formal meeting @ 7:30 pm)

September 3, 2013 - Board of Supervisors meeting (7:00 pm)

September 18, 2013 - Zoning Hearing Board (7:30 pm) **(Zoning Hearing)**

All meetings and hearings are held at the Township Building and are open to the public. The plans are available for review during normal business hours. Please give me a call 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

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

FYI

June 11, 2013

Re: Applebrook Meadows Land Development Plan Phase (III)
Paoli Pike and Line Road, Willistown Township

Dear Property Owner:

The purpose of this letter is to inform you that a Final Land Development Plan has been submitted to Willistown Township for review and approval "Phase III" of the Applebrook Meadows residential community. Phase III consists of 33 townhomes and 11 parking spaces. The entire project is located in Willistown Township at the southeast corner of Paoli Pike and Line Road. Pursuant to Township Policy, East Goshen Township notifies Township property owners within 1,000 feet of proposed development projects which abut the Township boundary.

The Willistown Township Planning Commission holds their meetings at 7:30 PM on the 1st and 3rd Wednesday of each month. The Willistown Township Board of Supervisors holds their meetings at 7:30 P.M. on the 2nd And 4th Monday of the month.

All meetings are open to the public and they are held at the Willistown Township Office which is located at the Greentree Office Plaza, 40 Lloyd Ave., Suite 208, Malvern, PA, 19355. Contact Willistown Township at 610-647-5300, or www.willistown.pa.us, if you have questions about this matter.

Sincerely,



Mark Gordon
Township Zoning Officer

Cc: Township Authority, Boards and Commissions
David R. Burman., Township Manager, Willistown Township