

EAST GOSHEN MUNICIPAL AUTHORITY

October 14, 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. September 9, 2013

4. APPROVAL OF INVOICES

a. Pennoni #562987	\$ 1,496.25
b. Pennoni #562988	\$ 1,624.25
c. Pennoni #562990	\$ 2,900.75
d. Pennoni #563010	\$ 307.50
e. Pennoni #564317	\$ 2,019.75
f. Gawthrop Greenwood	\$ 220.00
g. Ronald Smith Application #1	\$ 108,652.00

5. LIAISON REPORTS
6. FINANCIAL REPORTS
 - a. September 2013 Reports

7. OLD BUSINESS
 - a.

8. GOALS
 - a. September Goals

9. NEW BUSINESS
 - a. 2014 Fees For Legal Services

10. CAPACITY REQUESTS
 - a. Authorize Execution of Sunny Ridge Farms, 4 lot subdivision capacity request

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 August 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

draft
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
September 9, 2013

The East Goshen Township Municipal Authority held their regular public meeting on Monday, September 9, 2013 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Fran Beck, Dana Pizarro, Ed McAssey, Jack Yahraes, & Kevin Cummings. Also in attendance were: Rick Smith (Township Manager), Scott Towler (BFES), Bob Adams (Atty), Mike Ellis (Pennoni) and Carmen Battavio (Township Supervisor).

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 – Lockwood Chase Sewer Treatment Plant</i>	<i>WAS – Waste Activated Sludge</i>

Call to Order & Pledge of Allegiance

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.

Resolution #32

Jack moved to authorize adoption of Resolution #32 for the issuance of \$2,500,000. Guaranteed sewer revenue notes. Kevin seconded the motion. Dana does not agree with the drop in sewer rates that was done in April. He feels a sinking fund should have been created. Rick commented that there is a sinking fund. He also mentioned that the money should be available in October and the interest rate will be locked in as soon as possible. The motion passed by a vote of 4 yes and 1 no (Dana).

Jack moved to authorize execution of the loan documents. Ed seconded the motion. The motion passed by a vote of 4 yes and 1 no (Dana).

Chairman’s Report/Other Member’s Reports

1. Ed attended the West Goshen meeting. They discussed Goose Creek.
2. Dana attended the PMAA meeting. All of the pending House bills are in the front section of the flyer.

Approval of Minutes

The Chairman noted that the minutes of the August 12, 2013 meeting were approved as corrected.

1 **Approval of Invoices**

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

- 3 a. Pennoni #559122 \$ 553.75
- 4 b. Pennoni #559123 \$ 1,160.25
- 5 c. Pennoni #559124 \$ 607.50
- 6 d. Pennoni #559125 \$ 868.75

7 Jack seconded the motion. Carmen asked about the item on Invoice #559122 for \$393.75. Mike
8 explained this was the fee to assist with the bid for Hershey Mill Diversion.
9

10 **Liaison Reports**

11 1. BOS – Carmen reported that West Goshen approached the BOS about merging with the
12 WEGO regional police force. Carmen stressed that this is in the “looking only” stage. A
13 committee was formed to see if it is viable.
14

15 **Financial Reports**

16 Jon Altshul’s report - The Municipal Authority recorded \$79,036.94 in expenses and \$70,006.55
17 in revenues in August, a difference of -\$9,030.39. The fund balance is now \$60,760.41. Hershey
18 Mill Pump Station and Marydell Pump Station construction accounted for the majority of the
19 monthly expenses. A complete list of all monthly expenses is provided.
20 Please also note that at its September 3rd meeting, the BOS passed an ordinance to guarantee \$2.5
21 million in Municipal Authority debt issued through the Delaware Valley Regional Finance
22 Authority for the various diversion projects, including the upcoming Reservoir Road project.
23 Based on the current rate on 20-year DelVal notes of roughly 3.1%, we expect that sewer rates
24 will need to increase by approximately \$0.51/thousand gallons to pay for associated debt service.
25 A copy of the Municipal Authority resolution authorizing the notes, as well as the loan
26 commitment and the resolution certification, are provided.
27

28 **Goals**

29 Newsletter article due by December 1 – Kevin will provide an article about storm water.
30

31 **New Business**

32 General Engineering Budget - Mike Ellis, Pennoni, explained that additional budget will be
33 needed for the General Engineering task (Pennoni project #EGMA1301) to cover general
34 engineering work for the remainder of 2013. As of September 4, 2013, there is \$437 remaining
35 in that budget (\$9,563 of \$10,000 has been utilized). The reason we are approaching budget on
36 this activity with 4 months remaining in the year is that the work on the Reservoir Road Cost
37 Estimate Update and the follow-up DEP Task Activity Report was charged to this activity as
38 directed. That work totaled approximately \$3,000.00. Therefore, Pennoni is requesting an
39 additional \$3,000 be added to the General Engineering budget to cover attendance at MA
40 meetings, preparation of Engineer’s Reports, and other limited general engineering tasks through
41 the remainder of 2013.

42 Dana moved to amend the General Engineering Budget and authorize \$3,000.00 be added to the
43 budget. Jack seconded the motion. The motion passed unanimously.
44
45
46

1
2 **Capacity Requests**

3 Sunny Ridge Farms, 4 lot subdivision on Colonial Lane – A request was received from John
4 Mullin, P.E. on behalf of his client Sunny Ridge Farms, to tie a total of 3 new EDU’s into the
5 sewer system. Jack moved to approve this request. Kevin seconded the motion. The motion
6 passed unanimously.
7

8 **Sewer Reports**

9 **1. Mark Miller, Director of Public Works** - Rick reviewed the following report for August
10 2013:

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

12 Pump Stations: Were visited on a daily basis. MGK was utilized to remove the piping on the
13 Force Main and installed new 90 and an air release valve.

14 C.C. Collection: We installed a Muffin Monster at the Hershey Mill Pump Station.

15 R.C. Collection: No problems to report

16 R.C. Plant: No problems to report

17 Alarms: We received a total of 25 alarms in August.

18 PA One Calls: We received 70 PA One calls for August.

19 Jack commented that the paving in Pin Oaks and on Ellis Lane was very well done.
20

21 **2. Pennoni** – Mike Ellis gave the following report for August:

22 RCSTP – Pennoni continues to provide operations assistance as needed. No issues were brought
23 to our attention in August.

24 Marydell PS Elimination – The project is complete and final payment was made.

25 Hershey’s Mill PS Diversion – The project is 100% complete. We have been coordinating with
26 the contractor to revise final payroll certifications. Revised certifications were submitted which
27 we will review by Sept 9.

28 Reserve PS Elimination – We issued Notice to Proceed with Construction effective August 14.
29 The contract duration is 90 days so the contract completion date is Nov. 11. The contractor
30 intends to begin construction on Sept 9, and we project 4-6 weeks for completion.

31 We performed pre-construction tasks including attending a pre-construction meeting on-site,
32 reviewing a partial submission of shop drawings, notifying Chester County Conservation District
33 of the work, preparing a CAD file and survey data for the contractor’s construction layout, and
34 issuing a project contact list. Additional shop drawings have been submitted and are currently
35 under review. We will perform construction observation once the work begins.

36 Reservoir Road Pump Station – PADEP approved the Act 537 “Plan of Study and Task-Activity
37 Report” and added the project to their list for Act 537 reimbursement grant funding. Currently
38 there is no funding for grants, but we are on the list.

39 Debt Issuance Certification – We reviewed the self-liquidating debt certification requirements
40 from the lender that is required to be provided by the Engineer for the proposed \$2.5 million
41 borrowing including reviewing and commenting on the Authority’s 20-year budget projections.
42 We expect to issue the certification by Sept 9.

43 Hershey’s Mill PS Muffin Monster – We coordinated with the supplier to perform an upcoming
44 start-up inspection of the Muffin Monster upon completion of the installation by the Township.
45 Everything is functioning properly.

1 Semi-Annual I/I Report – We received data from portable meters throughout the Chester Creek
2 Collection System, and began analysis of the flows. We also began preparation of the semi-
3 annual report. The report will be completed and submitted before the October Municipal
4 Authority meeting.
5

6 **3. Big Fish Environmental Services** – The following is a summary of Scott’s report:

7 Treatment Process Operation- During July 2013 there were no exceedances of the final effluent
8 discharge limitations for outfall 001 and outfall 002. The monthly average total phosphorus
9 concentration was 0.46mg/L as compared to the discharge limitation of 0.5 mg/L. During the
10 month, the final effluent total phosphorus concentration discharged ranged from 0.26 to 0.67
11 mg/L. Flow to Applebrook, outfall 002 continued during July and August.

12 During the Month of August 2013, there are no anticipated exceedances of the permit limitation
13 for outfall 001 and 002. The CBOD5 and TSS final effluent concentrations were elevated as the
14 result of a significant storm resulting in the instantaneous flows exceeding 3 times the average
15 daily hydraulic design loading. The final effluent clarity remained very good during the storm
16 event with no solids loss or carryover due to filled settle or filled decant events. Transfer of
17 treated effluent to the Applebrook Golf Course continued during August through the 26th. The
18 pump was removed from service due to troubleshooting. The pump is planned to be returned to
19 service during September. During August the average daily for outfall 002 was 147,015 gallons
20 per day.

21 SBRs 1, 3 and 4 were in service during the month of August. SBR 2 was placed in service on
22 August 13th as a storage tank for diverting excess influent flows to the in service SBRs to prevent
23 and reduce the frequency of filled settle and filled decants events.

24 Process monitoring of each SBR included ammonia as N, nitrite as N, nitrate as N, COD, SSV,
25 MLSS and total phosphorus. Foam concentrations remained around the same concentration as
26 during March. Present surface area coverage during React Phase ranges from approx. 50 to 80%.
27 The foam remains as light to medium brown in color and averages 2 to 4 inches in depth.

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

31 Addition of aluminum sulfate solution to the SBRs to assist with phosphorus removal continued.
32 The volume of aluminum sulfate solution to the SBRs was increased at beginning of August as
33 total phosphorus concentrations in the SBRs at the end of the React Phase were observed to
34 increase.

35 SBR 2 remains out of service as a treatment unit. The tank was partially filled during the storm
36 event. Transfer of the contents and cleaning of the SBR is planned for late September/early
37 October to reduce energy costs.

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

40 Sludge holding tank #1 was in service. The level at the beginning of the month was 14.47 feet
41 and the level at the end of the month was 10.25 feet. The initial total solids concentration was
42 0.64% and ended the month as 1.02% total solids. 185,150 gallons of supernatant was decanted
43 during the month. A total of 400 pounds of soda ash was added during the month for pH
44 adjustment.

45 Sludge holding tank #2 was in service. The level at the beginning of the month was 9.37 feet
46 and the level at the end of the month was 11.44 feet. The initial total solids concentration was

1 0.79% and ended the month as 0.62% total solids. No supernatant was decanted during the
2 month. A total of 1,100 pounds of soda ash was added during the month for pH adjustment.
3 Significant Storm Events – As previously described, on August 13, 2013 a significant storm
4 resulting in several inches of rainfall within a period of approx. 6 hrs. contributed to significant
5 flow rates and volumes to the SBR treatment process. The treatment process was placed in
6 manual operation to manage the influent flow to prevent solids loss or carryover from filled
7 settle and filled decant events.

8 No repairs or preventative maintenance activities were performed during August 2013.

9
10 **Any Other Matter**

11 A proposal from Pennoni for Professional Services was received after the agenda was printed.
12 The proposal is for the surveying and Act 537 planning services required by PADEP for the
13 proposed Reservoir Road Pump Station. The total estimated fee is \$77,400.00. Mike explained
14 the process. Jack moved to approve the proposal. Dana seconded the motion. The motion
15 passed unanimously.

16
17 **Adjournment**

18 There being no further business, Jack moved to adjourn the meeting. Dana seconded the motion.
19 The motion passed unanimously. The meeting was adjourned at 8:00 pm.

20
21 Respectfully submitted,

22
23
24 Ruth Kiefer
25 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 # : 562987
Invoice Date : 09/26/2013
Project : EGMA1301
Project Name : 2013 General Services

For Services Rendered through: 9/15/2013

Prepared and self-liquidating debt certification and 20-year financial projections for Authority for \$2.5M borrowing in coordination w/ J. Altshul and Calhoun-Baker; prepared Engineers Report for September MA meeting; attended August and September MA meetings; coordinated Hershey Mill PS Muffin Monster start-up assistance and inspection with Township and supplier.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	1,496.25
Expense :	0.00
Phase Total :	1,496.25

Amount Due This Invoice

\$1,496.25

Fee :	13,000.00
Prior Billings :	8,798.75
Current Billings :	1,496.25
Total Billings :	10,295.00

Phase : **** -- Professional Services

Labor

<u>Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Senior Engineer	14.25	105.00	1,496.25
Labor Total:	14.25		1,496.25

Total Phase : **** -- Professional Services

Labor :	\$1,496.25
Expense :	\$0.00

Total Project : EGMA1301 -- 2013 General Services

Labor :	\$1,496.25
Expense :	\$0.00

ok RS 10/10

East Goshen Municipal Authority
EGMA1301 Invoice Summary
Invoice Date 09/26/2013

Project : 2013 General Services
Pennoni Job No. : EGMA1301
Invoice No. : 562987
Invoice Period : 8/12/2013 to 9/15/2013
Initial Authorization : \$ 10,000.00 **Date :** 1/9/2013
Changes : \$ 3,000.00 **Date :**
Contract Amount : \$ 13,000.00
Previously Invoiced : \$ 8,798.75
Current Invoice : \$ 1,496.25
Invoiced to Date (\$) : \$ 10,295.00
Invoiced to Date (%) : 79%
Remaining Budget (\$) : \$ 2,705.00
Remaining Budget (%) : 21%

Budget by Phase :

Phase No. ****
2013 General
Phase Name : Services
Phase Budget : \$ 13,000.00
Previously Invoiced : \$ 8,798.75
Current Invoice : \$ 1,496.25
Invoiced to Date (\$) : \$ 10,295.00
Invoiced to Date (%) : 79%
Remaining Budget (\$) : \$ 2,705.00
Remaining Budget (%) : 21%

Comments : Prepared self-liquidating debt certification and 20-year financial projections for Authority for \$2.5M borrowing in coordination w/ J. Altshul and Calhoun-Baker; prepared Engineers Report for September MA meeting; attended August and September MA meetings; coordinated Hershey Mill PS Muffin Monster start-up assistance and inspection with Township and supplier.



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Invoice # : 562988
Invoice Date : 09/26/2013
Project : EGMA1302
Project Name : 2013 Semi-Annual I&I Reports

For Services Rendered through: 9/15/2013

Analyzed portable meter data, obtained records of maintenance work and repairs, and began preparation of semi-annual I/I report.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	1,624.25
Expense :	0.00
Phase Total :	1,624.25

Amount Due This Invoice

\$1,624.25

Fee :	10,000.00
Prior Billings :	6,035.25
Current Billings :	1,624.25
Total Billings :	7,659.50

Phase : **** -- Professional Services

Labor

<u>Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Graduate Engineer	22.25	73.00	1,624.25
Labor Total:	22.25		1,624.25

Total Phase : **** -- Professional Services

Labor :	\$1,624.25
Expense :	\$0.00

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

Labor :	\$1,624.25
Expense :	\$0.00

ok RS 10/10

East Goshen Municipal Authority
EGMA1302 Invoice Summary
Invoice Date 09/26/2013

Project : 2013 Semi-Annual I&I Reports
Pennoni Job No. : EGMA1302
Invoice No. : 562988
Invoice Period : 8/12/2013 to 9/15/2013
Initial Authorization : \$ 10,000.00 **Date :** 1/16/2013
Changes : \$ - **Date :**
Contract Amount : \$ 10,000.00
Previously Invoiced : \$ 6,035.25
Current Invoice : \$ 1,624.25
Invoiced to Date (\$) : \$ 7,659.50
Invoiced to Date (%) : 77%
Remaining Budget (\$) : \$ 2,340.50
Remaining Budget (%) : 23%

Budget by Phase :

Phase No. *****
Phase Name : 2013 Semi-Annual I&I

Phase Budget : \$ 10,000.00
Previously Invoiced : \$ 6,035.25
Current Invoice : \$ 1,624.25
Invoiced to Date (\$) : \$ 7,659.50
Invoiced to Date (%) : 77%
Remaining Budget (\$) : \$ 2,340.50
Remaining Budget (%) : 23%

Comments : Analyzed portable meter data; obtained records of maintenance work and repairs, and began preparation of semi-annual I/I report.



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Attention: Louis F. Smith, Twp Mgr.

Invoice # : 562990
Invoice Date : 09/26/2013
Project : EGMA1306
Project Name : Reserve PS Diversion Construction
P

For Services Rendered through: 9/15/2013

Performed part-time on-site construction observation of clearing and installation of E&S controls; performed pre-construction tasks including issuing Notice to Proceed with Construction, attending a pre-construction meeting, reviewing shop drawings, preparing survey CAD file for contractor's stakeout, and notification to County Conservation District of project start.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	2,900.75
Expense :	0.00
Phase Total :	2,900.75

Amount Due This Invoice

Fee :	20,000.00
Prior Billings :	0.00
Current Billings :	2,900.75
Total Billings :	2,900.75

\$2,900.75

Phase : **** -- Professional Services

Labor

<u>Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Senior Engineer	12.00	105.00	1,260.00
Technical Specialist	7.00	75.00	525.00
Graduate Engineer	11.50	73.00	839.50
Engineering Technician I	4.25	65.00	276.25
Labor Total:	34.75		2,900.75

Total Phase : **** -- Professional Services

Labor :	\$2,900.75
Expense :	\$0.00

Total Project : EGMA1306 -- Reserve PS Diversion Construction P

Labor :	\$2,900.75
Expense :	\$0.00

o/c RS 10-10

East Goshen Municipal Authority
EGMA1306 Invoice Summary
Invoice Date 09/26/2013

Project : Reserve PS Diversion Construction
Pennoni Job No. : EGMA1306
Invoice No. : 562990
Invoice Period : 8/12/2013 to 9/15/2013
Initial Authorization : \$ 20,000.00 **Date :** 1/16/2013
Changes : \$ - **Date :**
Contract Amount : \$ 20,000.00
Previously Invoiced : \$ -
Current Invoice : \$ 2,900.75
Invoiced to Date (\$) : \$ 2,900.75
Invoiced to Date (%) : 15%
Remaining Budget (\$) : \$ 17,099.25
Remaining Budget (%) : 85%

Budget by Phase :

Phase No. ****
Phase Name : Professional Services
Phase Budget : \$ 20,000.00
Previously Invoiced : \$ -
Current Invoice : \$ 2,900.75
Invoiced to Date (\$) : \$ 2,900.75
Invoiced to Date (%) : 15%
Remaining Budget (\$) : \$ 17,099.25
Remaining Budget (%) : 85%

Comments : Performed part-time on-site construction observation of clearing and installation of E&S controls; performed pre-construction tasks including issuing Notice to Proceed with Construction, attending a pre-construction meeting, reviewing shop drawings, preparing survey CAD file for contractor's stakeout, and notification to County Conservation District of project start.



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Invoice # : 563010
Invoice Date : 09/26/2013
Project : EGMA1304
Project Name : Hershey Mill PS Div Construction
Ph

For Services Rendered through: 9/22/2013

FINAL INVOICE

Performed contract closeout tasks including reproduction of as-built plans and closeout documents and review of revised payroll certifications.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	307.50
Expense :	0.00
Phase Total :	307.50

Amount Due This Invoice

Fee :	20,000.00
Prior Billings :	17,549.00
Current Billings :	307.50
Total Billings :	17,856.50

\$307.50

Phase : **** -- Professional Services

Labor

<u>Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Senior Engineer	2.00	105.00	210.00
Engineering Technician I	1.50	65.00	97.50
Labor Total:	3.50		307.50

Total Phase : **** -- Professional Services

Labor :	\$307.50
Expense :	\$0.00

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

Labor :	\$307.50
Expense :	\$0.00

*OK RS 10-10
Final Bill*

East Goshen Municipal Authority
EGMA1304 Invoice Summary
Invoice Date 09/26/2013

Project : Hershey Mill PS Div Construction Ph
Pennoni Job No. : EGMA1304
Invoice No. : 563010
Invoice Period : 8/12/2013 to 9/15/2013
Initial Authorization : \$ 20,000.00 **Date :** 1/16/2013
Changes : \$ - **Date :**
Contract Amount : \$ 20,000.00
Previously Invoiced : \$ 17,549.00
Current Invoice : \$ 307.50
Invoiced to Date (\$) : \$ 17,856.50
Invoiced to Date (%) : 89%
Remaining Budget (\$) : \$ 2,143.50
Remaining Budget (%) : 11%

Budget by Phase :

Phase No. ****
Phase Name : Hershey Mill PS
Div
Phase Budget : \$ 20,000.00
Previousy Invoiced : \$ 17,549.00
Current Invoice : \$ 307.50
Invoiced to Date (\$) : \$ 17,856.50
Invoiced to Date (%) : 89%
Remaining Budget (\$) : \$ 2,143.50
Remaining Budget (%) : 11%

Comments : Performed contract closeout tasks including reproduction of as-built plans and closeout documents and review of revised payroll certifications.



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

Invoice # : 564317
Invoice Date : 09/26/2013
Project : EGMA1307
Project Name : Reservoir Rd PS Act 537 Planning

For Services Rendered through: 9/15/2013

Performed preliminary data gathering and research for wetlands delineation and field survey, and initiated preparation of Act 537 Plan report.

Phase : 01 -- Wetlands Delineation & Bog Turt. Sc

Total Phase : 01 -- Wetlands Delineation & Bog Turt. Sc

Labor :	446.25
Expense :	0.00
Phase Total :	446.25

Phase : 02 -- Existing Conditions Survey

Total Phase : 02 -- Existing Conditions Survey

Labor :	978.50
Expense :	0.00
Phase Total :	978.50

Phase : 03 -- Act 537 Plan Update

Total Phase : 03 -- Act 537 Plan Update

Labor :	595.00
Expense :	0.00
Phase Total :	595.00

Amount Due This Invoice

\$2,019.75

ole 125 10/10

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 : 01 -- Wetlands Delineation & Bog Turt. Sc

Labor Class	Hours/Units	Rate	Amount
Senior Environmental Scientist	5.25	85.00	446.25
Labor Total:	5.25		446.25

Total Phase : 01 -- Wetlands Delineation & Bog Turt. Sc	Labor :	\$446.25
	Expense :	\$0.00

Phase : 02 -- Existing Conditions Survey

Labor Class	Hours/Units	Rate	Amount
Principal Surveyor	3.00	105.00	315.00
Senior Survey Technician	4.50	65.00	292.50
Survey Technician	7.00	53.00	371.00
Labor Total:	14.50		978.50

Total Phase : 02 -- Existing Conditions Survey	Labor :	\$978.50
	Expense :	\$0.00

Phase : 03 -- Act 537 Plan Update

Labor Class	Hours/Units	Rate	Amount
Senior Engineer	2.50	105.00	262.50
Project Engineer	3.50	95.00	332.50
Labor Total:	6.00		595.00

Total Phase : 03 -- Act 537 Plan Update	Labor :	\$595.00
	Expense :	\$0.00

Total Project : EGMA1307 -- Reservoir Rd PS Act 537 Planning	Labor :	\$2,019.75
	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
EGMA1307 Invoice Summary
Invoice Date 09/26/2013

Project: EGMA1307
Pennoni Job No.: Reservoir Rd PS Act 537 Planning
Invoice No: 564317
Invoice Period: n/a to 9/15/2013
Initial Authorization: \$ 74,400.00 **Date:** 1/16/2013
Contract Amount: \$ 74,400.00
Previously Invoiced: \$ -
Current Invoice: \$ 2,019.75
Invoiced to Date (\$): \$ 2,019.75
Invoiced to Date (%): 3%
Remaining Budget (\$): \$ 72,380.25
Remaining Budget (%): 97%

Budget by Phase:

Phase Name: Reservoir Rd PS Act 537 Planning
Phase Budget: \$ 74,400.00
Previously Invoiced: \$ -
Current Invoice: \$ 2,019.75
Invoiced to Date (\$): \$ 2,019.75
Invoiced to Date (%): 3%
Remaining Budget (\$): \$ 72,380.25
Remaining Budget (%): 97%

Comments: Performed preliminary data gathering and research for wetlands delineation and field survey, and initiated preparation of Act 537 Plan report.



Gawthrop Greenwood, PC
Attorneys at Law

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

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
09/30/2013
Client No: 6604-001M
Invoice No. 113080

General Authority Services

Fees

		Hours		
09/09/2013	RFA			
	Review packet for 9/9 meeting of Authority; attend regular meeting of Municipal Authority.	1.10		
	For Current Services Rendered	1.10		220.00
Recapitulation				
<u>Timekeeper</u>		<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Robert F. Adams		1.10	\$200.00	\$220.00
	Previous Balance			\$240.00
	Total Current Charges			220.00
08/19/2013	Fee Payment			-240.00
	Balance Due			<u>\$220.00</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.

APPLICATION AND CERTIFICATION FOR PAYMENT

TO OWNER: East Goshen Municipal Authority
 1580 Proffitt Pike
 West Chester, Pa. 19380

PROJECT: RPS 2013

FROM CONTRACTOR: Ronald Smith Inc
 559 Trestile Place
 Downingtown, PA 19335

VIA ARCHITECT: Pennoni Associates Inc.
 121 Continental drive
 suite 207
 Newark De 19713

APPLICATION NO: 1

PERIOD TO: 7-Oct-13

CONTRACT DATE: 14-Aug-13

Distribution to:
 OWNER
 ARCHITECT
 CONTRACTOR

*Reserve \$5,500,000
 Sewer Diversion*

CONTRACTOR'S APPLICATION FOR PAYMENT

Application is made for payment, as shown below, in connection with the Contract (Continuation Sheet, AIA Document (7703, is attached)

1. ORIGINAL CONTRACT NUM: \$ ~~111,152,644~~ **108,652.00**
2. Net change by Change Orders: \$ ~~444,566.40~~ **108,652.00**
3. CONTRACT START TO DATE (Line 1 & 2): \$ ~~71,834.52~~
4. TOTAL COMPLETED & STORED TO DATE (Column 1 on 7703): \$ ~~71,834.52~~
5. RETAINAGE:
 - a. 10% of Completed Work: \$ 7,183
 - b. (Column D + E on 7703)
 - c. % of Stored Material: \$
 - d. (Column F on 7703)
 - Total Retainage (Lines 5a + 5b or 5c): \$

6. TOTAL EARNED LESS RETAINAGE (Line 4 Less Line 5 Total): \$ 7,183.48
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate): \$ 64,651.07
8. CURRENT PAYMENT DUE: \$ 64,651.07
9. BALANCE TO FINAL INCLUDING RETAINAGE (Line 3 less Line 6): \$ ~~20,108.52~~ **49,000.93**

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Total changes approved in previous months by Owner		
Total approved this Month	\$0.00	
TOTALS	\$0.00	\$0.00
NET CHANGES by Change Order	\$0.00	\$0.00

CONTRACTOR:

By: *Ronald Smith*

State of: PA County of: Chester
 Subscribed and sworn to before me this 9th day of Oct 2013
 Notary Public: *J. J. [Signature]*
 My Commission Expires April 19, 2016

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the 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: \$ **64,651.07**

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

Date: *10/10/13*

		Work Completed		Materials Presently Stored	Total Completed and Stored to Date	%	Balance to Finish
Reserve Pump Station RPS-2013	Scheduled Value .60	Previous Application	This Period				
1. Site Preparation and Restoration	\$4,885.00	\$0.00	\$2,442.50	.60		50%	\$2,442.50 .60
2. Installation Maintenance and re3removal of erosion & sediment controls	\$17,852.60		\$8,926.30			50%	\$8,926.30
3. 8" PVC SDR 35Sanitary Sewer Main, 0 - 10 ft deep	\$31,740.00		\$24,757.20			78%	\$6,982.80
4. 8" PVC C900 Sanitary Sewer Main	\$13,721.80		\$12,349.62			90%	\$1,372.18
5. 8" PVC SDR 35 Sanitary Sewer Main, 10 - 15 ft. deep	\$10,856.00		\$5,970.80			55%	\$4,885.20
6. Abandon Existing 8" Sanitary Sewer Main	\$460.00		\$0.00			0%	\$460.00
7. Manholes, 0 - 10 ft deep	\$9,200.00		\$8,280.00			90%	\$920.00
8. Manholes, 10 - 15 ft deep	\$10,120.00		\$9,108.00			90%	\$1,012.00
9. 4" Lateral Service	\$621.00		\$0.00			0%	\$621.00
10. Demolition of existing pump station and access drive	\$2,300.00		\$0.00			0%	\$2,300.00
11. Dewatering	\$2,300.00		\$0.00			0%	\$2,300.00
Total Base Bid	\$104,056.60		\$71,834.52				\$32,221.88
ADD ITEMS							\$0.00
12. Miscellaneous Excavation and Backfill with PennDOT 2A or 2B stone (15 CY)	\$759.00		\$0.00			0%	\$759.00
13. Miscellaneous Excavation and Backfill with Excavated Soils (15 CY)	\$524.40		\$0.00			0%	\$524.40
14. Concrete Encasement (20 LF)	\$1,840.00		\$0.00			0%	\$1,840.00
15. Rock Construction Entrance #2	\$1,472.00		\$0.00			0%	\$1,472.00

Ronald Smith, Inc.
559 Trestle Place
Downingtown, PA 19335

INVOICE

Invoice # 2013-305

Invoice Date 10/7/2013

East Goshen Municipal Authority
1580 Paoli Pike
West Chester, Pa 193380

Project

RPS-2013

Terms

Due Date

10/7/2013

Service Date	Scope of Work	Rate	Qty	Amount
10/7/2013	1. Site Preparation and restoration	4,885.20	0.5	2,442.60
10/7/2013	2. Instalation Maintenance and removal of erosion & sediment controls	17,852.60	0.5	8,926.30
10/7/2013	3. 8" PVC sdr 35 Sanitary Sewer Main, 0-10 ft deep	31,740.00	0.78	24,757.20
10/7/2013	4. 8" PVC c900 Sanitary Sewer Mail	13,721.80	0.9	12,349.62
10/7/2013	5. 8" PVC SDR 35 Sanitary Sewer Main 10-15 ft deep	10,856.00	0.55	5,970.80
10/7/2013	6. Abbandon Existing 8" Sewer Main	460.00	0	0.00
10/7/2013	7. Manholes, 0-10 ft deep	9,200.00	0.9	8,280.00
10/7/2013	8. Mamnholes, 10-15 ft deep	10,120.00	0.9	9,108.00
10/7/2013	9. 4" lateral Services	621.00	0	0.00
10/7/2013	10. Demolition of existing pump station and access drive	2,300.00	0	0.00
10/7/2013	11. Dewatering	2,300.00	0	0.00
10/7/2013	ADD ITEMS	0.00		0.00
10/7/2013	12. Miscelaneous Excavation and Backfill with PennDOT 2A or 2B stone	759.00	0	0.00
		Total		
		Payments/Credits		
		Balance Due		

If you have any questions regarding this invoice, please call our office
at 610-873-3940

INVOICE

Ronald Smith, Inc.
 559 Trestle Place
 Downingtown, PA 19335

Invoice # 2013-305

Invoice Date 10/7/2013

*East Goshen Municipal Authority
 1580 Paoli Pike
 West Chester, Pa 193380*

Project

RPS-2013

Terms

Due Date

10/7/2013

Service Date	Scope of Work	Rate	Qty	Amount
10/7/2013	13. Miscellaneous Excavation and Backfill with excavated soils	524.40	0	0.00
10/7/2013	14. Concrete Encasement	1,840.00	0	0.00
10/7/2013	15. Rock construction Entrance #2	1,472.00	0	0.00
	Sales Tax	6.00%		0.00
		Total		\$71,834.52
		Payments/Credits		\$0.00
		Balance Due		\$71,834.52

If you have any questions regarding this invoice, please call our office at 610-873-3940

Memo

To: Municipal Authority
From: Jon Altshul
Re: MA September Financial Reports
Date: October 4, 2013

The Municipal Authority recorded \$11,534 in expenses and \$2,150 in revenues in September, a difference of -\$9,384. Expenses include the quarterly chargeback of \$7,980 for administrative overhead expenses. The fund balance is now \$51,376.

A complete list of all monthly expenses is provided.

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

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
MUNICIPAL AUTHORITY BEGINNING FUND BALANCE				
			60,760.41	

RCSTP BUDGET

REVENUE				
INTEREST EARNED - RCSTP EXPANSION	07341 1020	50.00	4.37	34.47
GRANT REVENUE	07392 0800	0.00	0.00	0.00
TOTAL REVENUE		50.00	4.37	34.47

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) 4.37 34.47

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

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
OPERATING BUDGET				
REVENUE				
INTEREST EARNINGS	07341 1000	50.00	1.52	23.67
C.C. TAPPING FEES	07364 1100	128,000.00	0.00	0.00
R.C. TAPPING FEES	07364 1110	2,000.00	2,144.00	13,292.00
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	2,145.52	54,428.67
EXPENSES				
ADMINISTRATIVE WAGES	07424 1400	33,547.00	7,980.36	23,941.08
MISCELLANEOUS EXPENSE	07424 3000	5,000.00	128.13	1,578.13
MUNIC.AUTH.-AUDITING	07424 3110	8,843.00	0.00	8,100.00
ENGINEERING SERVICES	07424 3130	35,000.00	1,160.25	32,146.25
LEGAL SERVICES	07424 3140	7,000.00	0.00	10,661.02
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	9,268.74	76,426.48
OPERATING NET RESULT		131,050.00	(7,123.22)	(21,997.81)

EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER, PA
Municipal Authority
September 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	0.00	563,000.00
TOTAL REVENUE		1,822,239.00	0.00	563,000.00
EXPENSES				
MARYDELL PUMP STATION - ENGINEER	07425 1000	31,000.00	1,104.03	51,303.74
MARYDELL PUMP STATION -CONSTRUCTION	07425 2000	250,000.00	0.00	228,317.41
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	49,796.16
LOCHWOOD ELIMINATION PHASE 2	07424 7477	0.00	0.00	12,165.62
HERSHEY MILL STATION - ENGINEER	07426 1000	35,000.00	607.50	25,042.49
HERSHEY MILL STATION - CONSTRUCTION	07426 2000	180,000.00	0.00	159,762.62
RESERVE PUMP STATION - ENGINEER	07427 1000	25,000.00	553.75	19,594.01
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	2,265.28	551,544.80
CAPITAL NET RESULT		1,003,470.00	(2,265.28)	11,455.20
MUNICIPAL AUTHORITY ENDING FUND BALANCE			51,376.28	

MGRP18 run by BRIAN 9 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07341-1000	INTEREST EARNINGS					0.00				
	1301 JE	36010			0.74		02/05/13	INTEREST		INTEREST EARNED JANUARY 2013 07 FUND
				0.00	0.74	-0.74				
	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				
	1308	39012			2.30		09/03/13	INTEREST		INTEREST EARNED AUGUST 2013 07100.1000
				0.00	2.30	-22.15				
	1309	39401			1.52		10/01/13	INTEREST		INTEREST EARNED SEPTEMBER 2013 07100.1000
				0.00	1.52	-23.67				
				0.00	23.67	-23.67				
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				

MGRP18 run by BRIAN 9 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07341-1020	1303	JE	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				
1306			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				
1308			39013		4.25		09/03/13	INTEREST		INTEREST EARNED AUGUST 2013 07 CONSTRUCTION FUND
				0.00	4.25	-30.10				
1309			39402		4.37		10/01/13	INTEREST		INTEREST EARNED SEPTEMBER 2013 07 CONSTRUCTION FUND
				0.00	4.37	-34.47				
				17.88	52.35	-34.47				
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				

MGRP18 run by BRIAN 9 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07364-1110	1309	CR	39373		2,144.00		09/30/13	1013	7875 1	SUNNY RIDGE FARMS LLC
				0.00	2,144.00	-13,292.00				
				2,000.00	15,292.00	-13,292.00				
07364-1130						0.00				CONNECTION FEES - SEWER
	1302		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				
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.

MGRP18 run by BRIAN 9 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
				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				
1308			38715		70,000.00		08/13/13	XFER		XFER FROM SEWER CAPITAL RES. TO MUNICIPAL AUTHORITY
				0.00	70,000.00	-563,000.00				
				0.00	563,000.00	-563,000.00				
07424-1400						0.00				
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
				7,980.36	0.00	15,960.72				
1309			39342	7,980.36			09/26/13	2210		425 EAST GOSHEN TOWNSHIP - GENERAL 3RD QTR. 2013 REIMBURSMNT TO GEN FUND
				7,980.36	0.00	23,941.08				
				23,941.08	0.00	23,941.08				
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				
1309			39089	128.13			09/10/13	2208		3110 COMMONWEALTH OF PENNSYLVANIA APPLICATION FEE TO DCED - MUNICI AUTHORITY DEBT ISSUANCE (\$2.5M)
				128.13	0.00	1,578.13				
				1,578.13	0.00	1,578.13				

MGRP18 run by BRIAN 9 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
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.THRU 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.THRU 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.THRU 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				
	1308		38761	1,843.75			08/15/13	2205	1052	PENNONI ASSOCIATES INC. GENERAL SERVICES
				1,843.75	0.00	30,986.00				
	1309		39132	1,160.25			09/11/13	2209	1052	PENNONI ASSOCIATES INC. SERVICE THRU 8/11/13 2013 GENERA SERVICES
				1,160.25	0.00	32,146.25				
				32,146.25	0.00	32,146.25				
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

MGRP18 run by BRIAN 9 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
				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				
1308		38761		240.00			08/15/13	2204	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICES 6/21-6/26/13
				240.00	0.00	10,661.02				
				10,661.02	0.00	10,661.02				
07424-7475		LOCHWOOD	ABANDONMENT ENGINEER			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				
07424-7476		LOCHWOOD	ABANDONMENT CONSTRUCTION			0.00				

MGRP18 run by BRIAN 9 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
		1301	CD 35598	246.01			01/03/13	2152	317	CONTRACTOR'S CHOICE
			35695	1,482.40			01/15/13	2154	425	ORANGE SAFETY FENCE, STAKES & PA EAST GOSHEN TOWNSHIP
			35698	-1,482.40			01/15/13	2154	425	LOCHWOOD PLANT CLOSING COSTS-LAB 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				
1308		38665	4,050.00				08/09/13	2198	1556	CONVERY, MATTHEW GPS OF R.C. SEWER LINE- 6/24 & 6
			4,050.00		0.00	49,796.16				
			49,796.16		0.00	49,796.16				
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				

MGRP18 run by BRIAN 9 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07424-7477	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
				1,894.91	0.00	2,094.91				
	1306		38067	10,070.71			06/27/13	2190	425	EAST GOSHEN TOWNSHIP 2ND QTR.2013 REIMBURSMT 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						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				
	1308		38761	1,653.75			08/15/13	2205	1052	PENNONI ASSOCIATES INC. MARYDELL PS
			38881	3,671.00			08/23/13	2206	3084	PA DEPARTMENT OF TRANSPORTATION HIGHWAY OCCUPANCY PERMITS - MARYD DIVERSION
				5,324.75	0.00	50,199.71				

MGRP18 run by BRIAN 9 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description	
07425-1000	1309	CD	39088	235.28			09/10/13	2207	3084	PA DEPARTMENT OF TRANSPORTATION HWY OCCUPANCY PERMITS - MARY DEL DIVERSION	
			39132	868.75			09/11/13	2209	1052	PENNONI ASSOCIATES INC. SERVICE THRU 8/11/13 MARYDELL PS DIVERSION	
				1,104.03	0.00	51,303.74					
				51,303.74	0.00	51,303.74					
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					
	1305		37357	79,704.00			05/14/13	2176	3059	PLY-MAR CONSTRUCTION CO.INC. APP.#2 MARYDELL PS DIVERSION	
				79,704.00	0.00	102,755.35					
	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					
	1308		38571	1,980.00			08/01/13	2197	1022	PATTERSON, MICHAEL J. WOOD STOCKADE FENCE INSTALLATION	
			38746	41,133.31			08/15/13	2199	3059	PLY-MAR CONSTRUCTION CO.INC. MARYDELL PUMP STATION DIVERSION	
				43,113.31	0.00	228,317.41					
				228,317.41	0.00	228,317.41					
07426-1000	HERSHEY MILL STATION - ENGINEER					0.00					
	1301		35695	2,047.12			01/15/13	2156	1052	PENNONI ASSOCIATES INC. SERV.THURU 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	

MGRP18 run by BRIAN 9 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07426-1000	1302	CD	36119	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 HERSHEY 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				
1308		38761		1,653.75			08/15/13	2205	1052	PENNONI ASSOCIATES INC. HERSHEY MILL PS
				1,653.75	0.00	24,434.99				
1309		39132		607.50			09/11/13	2209	1052	PENNONI ASSOCIATES INC. SERVICE THRU 8/11/13 2013 HERS.M PS DIV. CONSTRUCTION
				607.50	0.00	25,042.49				
				25,042.49	0.00	25,042.49				
07426-2000						0.00				HERSHEY MILL STATION - CONSTRUCTION
1306		37787		135,130.49			06/10/13	2185	3092	DELAWARE VALLEY UTILITY CONTRACTORS INC. HERSHEY MILL PROJ. APPLICATION 1
				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				
1308		38761		22,097.13			08/15/13	2203	3092	DELAWARE VALLEY UTILITY CONTRACTORS INC. HERSHEY MILL PROJ. APPLICATION 2
				22,097.13	0.00	159,762.62				
				159,762.62	0.00	159,762.62				
07427-1000						0.00				RESERVE PUMP STATION - ENGINEER
1301		35695		2,047.13			01/15/13	2156	1052	PENNONI ASSOCIATES INC. SERV.THRU 12/9/12 RESERVE PS

MGRP18 run by BRIAN 9 : 34 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
				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				
1308		38761		714.25			08/15/13	2205	1052	PENNONI ASSOCIATES INC. RESERVE PS
				714.25	0.00	19,040.26				
1309		39132		553.75			09/11/13	2209	1052	PENNONI ASSOCIATES INC. SERVICE THRU 8/11/13 2013 HERS.M & RESERVE PS.
				553.75	0.00	19,594.01				
				19,594.01	0.00	19,594.01				
Beg Bal		0.00		634,392.42	623,884.28	10508.1400003				

OCTOBER 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 & Kevin
 - c. Need by 9/1/13 -
 - d. Need by 12/1/13 - **Kevin**

2. Attend West Goshen Meetings quarterly – more often if needed.
 - a. 1st Quarter (March) - Ed
 - b. 2nd Quarter (June) - Kevin
 - c. 3rd Quarter (September) - Ed
 - d. 4th Quarter (December)

3. Respond to capacity requests in 45 days or less. **Colonial Lane 3 EDUs received 8/19, responded 9/10 (22 days)**

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, July, **August**

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 – Construction – Agreement executed 8/12, notice to proceed issued 8/14. **Construction started 9/9/13**

5. Borrowing – Reimburse Capital Reserve for design and construction funds. . Submitted loan application. Board of Supervisors authorized borrowing on 9/3. **Authority adopted resolution on 9/9.**



Gawthrop Greenwood, PC
Attorneys at Law

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West Chester, PA 19381-0562 www.gawthrop.com



Robert F. Adams
610.696.8225 x 125
610.344.0922 fax
rfadams@gawthrop.com

Louis F. Smith, Jr., Manager
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6199

Re: 2014 Fees For Legal Services

Dear Rick:

Please be advised that for 2014, Gawthrop Greenwood has no plans to change the rates or the terms of engagement under which we currently service East Goshen Municipal Authority. Our rates were last adjusted in January of 2013, which was our first increase in four years.

The firm is pleased to have the continuing opportunity to provide legal services to the Municipal Authority in 2014 at our current rates, which are \$200 per hour for lawyers and \$100 per hour for paralegals. I highly value our long-standing relationship with East Goshen Township and its officials and staff. I would expect that for purposes of budgeting you would be safe in assuming that our experience in 2014 will be similar to the amount of work we did in 2013.

Very truly yours,

Robert F. Adams

RFA/cb

Memorandum

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Voice: 610-692-7171
Fax: 610-692-8950
E-mail: mgordon@eastgoshen.org

Date: 10/3/2013
To: Municipal Authority
From: Mark Gordon, Zoning Officer *mg*
Re: Sunny Ridge Farms, Land development Plan (1551 colonial Ln.)

Authority Members,

The developer of the Sunny Ridge Farms subdivision application has provided the Township with their sewer capacity agreement and the required fee to reserve the capacity.

At your next meeting please review the agreement and authorize the Authority Chairman to execute the agreement. I have provided a copy of the agreement and a draft motion for your review and consideration.

Draft Motion:

Mr. Chairman, I move that we accept the Sewer Capacity Agreement for the subdivision of 1551 Colonial Ln to connect three new single family homes to the township sewer system and authorize the Chairman to sign the agreement.

COPY

ORIGINAL IN THE FILE

CAPACITY RESERVATION AGREEMENT

THIS AGREEMENT, made the 27 day of SEPTEMBER,
2013, by and between **EAST GOSHEN MUNICIPAL AUTHORITY**
("Authority"), a municipal authority organized and existing under
the Pennsylvania Municipal Authorities Act of 1945, P.L. 382, as
amended, and SUNNY RIDGE FARMS LLC
("Owner"), an owner or equitable owner of property in East Goshen
Township,

WITNESSETH:

WHEREAS, Owner is the record title holder or equitable owner
of property located at East Goshen Township, Chester County, being
Tax Map Parcel Number 53-4-41 ("Property"); and

WHEREAS, Authority owns the East Goshen Township sewer system,
regulates the connection of properties within the Township thereto
and leases the sewer system to East Goshen Township ("Township");
and

WHEREAS, Owner wishes to reserve sufficient capacity in the
sewage collection and treatment facilities of the Authority to
serve the Property; and

WHEREAS, Authority and Owner intend to set forth herein the
terms and conditions of the reservation of capacity.

NOW, THEREFORE, the parties hereto, each binding itself, its successors and assigns, and each representing that it has proper legal authority to enter into this agreement, and each intending to be legally bound hereby, do mutually represent, covenant and agree as follows:

1. Authority agrees to sell to Owner _____ gallons per day (gpd) or THREE (3) equivalent dwelling units (EDUs) of sewage capacity in the collection and treatment facilities of East Goshen Township, which Owner acknowledges to be sufficient for the intended use of the Property.

2. Authority agrees to reserve the required capacity for Owner for a period of one year in consideration of the payment by Owner of a reservation fee equal to 10% \$ 2,144⁰⁰ of the usual tapping fee \$ 21,444⁰⁰ imposed by the Authority at the time of physical connection to the system based upon the equivalent dwelling units (EDUs) sewage needs of the proposed use.

3. Owner agrees to pay the aforesaid reservation fee at the time of execution of this agreement, receipt whereof is acknowledged by the Authority. If at the end of the one-year reservation period Owner has failed to connect the Property to the sewer system, the reservation fee will be forfeited to the Authority. Upon the expiration of the reservation period, the Authority reserves the right, in its sole discretion, to provide for an additional year by requiring the payment of an additional 10% of the tapping fee, which additional reservation fee shall be

held according to the same terms and conditions as the initial reservation fee.

4. The balance of the tapping fee shall be paid at the time of issuance of a building permit(s) for the Property or at the end of the reservation period, unless the reservation is extended by the Authority as aforesaid.

5. Authority agrees to retain sufficient capacity in its system for Owner's use during the reservation period.

6. Owner agrees and recognizes that the connection of the Property shall be subject to all ordinances of East Goshen Township and the rules and regulations relating to the connection to the sewer system and effluent criteria. It is agreed that the reservation of capacity shall run with the land, and the terms of this agreement shall be binding upon and inure to the benefit of the parties hereto, their successors and assigns.

7. It is agreed by the Owner and the Authority that all Industrial and/or Commercial users will be required to execute a Capacity Reservation Agreement in a form acceptable to the Authority which shall be recorded in the office of the Chester County Recorder of Deeds.

10. It is agreed and understood by the Owner that the capacity hereby reserved shall be for the Property only and is not assignable or transferable to any other Property within or outside of East Goshen Township.

11. The Owner further understands and acknowledges that the

sewage treatment capacity available to the Authority and the Township in the West Goshen Township sewer system is subject to the terms and conditions of a certain inter-municipal agreement between the governing bodies and sewer authorities of East Goshen and West Goshen Townships. The Owner acknowledges that the continued entitlement of the Authority to provide to Owner the sewage capacity identified in paragraph 1 hereof is dependent upon all parties to that agreement honoring its terms and the proper functioning of the West Goshen Sewage Treatment Plant. The Owner does hereby release and hold harmless the Authority and the Township from any and all claims, damages or liability resulting to Owner from actions of West Goshen Township under the aforesaid inter-municipal agreement or circumstances relating to its sewage system which may affect the Authority's continued ability to provide the said sewage capacity.

IN WITNESS WHEREOF, the parties have caused these presents to be executed the day and year first above written.

ATTEST:

EAST GOSHEN MUNICIPAL AUTHORITY

Secretary

ATTEST:

Susan M. Bunn

OWNER:

[Signature]

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

October 11, 2013

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

Meters: All meters were read on a daily basis. We met with Allied Control to go over the operation of the new meter.

Pump Stations: Were visited on a daily basis.

C.C. Collection: Pump stations were visited on a daily basis, with no problems to report.

We received a call for a backed up sewer lateral on N. Lockwood Lane, this was the second time we had a backup at this residents property. We called in a PA One Call and excavated the lateral, we found that the trap was broken which caused debris to catch on the broken pipe.

We are in the process of replacing the lids and castings in Grand Oak

R.C. Collection: Pump stations were visited on a routine basis. We were notified of 2 lateral back-ups which were cleared.

Peco will be out on the 15th to shut off power at the Reserve pump station. Once power is cut off we will start to remove the equipment.

R.C. Plant: No problems to report.

Alarms: We received a total of 17 alarms in September.

PA One Calls: We received 54 PA One calls for the month of September.



MEMORANDUM

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

FROM: Michael Ellis, P.E.
Authority Engineer

DATE: October 10, 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 September.

Hershey's Mill PS Diversion

- The project has been completed, and final payment has been made.

Reserve PS Elimination

- We performed daily part-time construction observation of site preparation, clearing, E&S controls, stream diversion and bypass pumping, and sewer installation. We also performed office support including review of shop drawings and Payment Application #1.
- The contractor has completed installation of all new sanitary sewers including the upstream and downstream manhole connections and the new lateral on the Schroeder property. Testing of the sewers and manholes is scheduled to be completed by October 14. Wastewater will be diverted into the new sewers immediately upon testing acceptance, which is expected to occur by October 15. The Township Public Works Department is scheduled to begin to remove all equipment from the pump station on October 15 including shutdown of utility services. The PWD is being allocated 10 days to remove the equipment at which point the contractor will demolish the pump station building, wet well, valve vault, etc. The contractor intends to perform restoration of the sanitary sewer route while the PWD is removing the equipment.
- The contract completion date is November 11, and we expect the work will be completed approximately one week in advance of that date.

Reservoir Road Pump Station Act 537 Plan

- We attended an on-site project kick-off meeting and field reconnaissance with the Township.
- We delineated and flagged wetlands and water surface levels of stream crossings on the proposed pump station parcel at the intersection of Reservoir Road and Strasburg Road and along the proposed force main route along Strasburg Road and N. Chester Road. We have prepared a draft wetlands report that will be finalized when the existing conditions plan is completed.
- We began the topographic and existing conditions field survey of the proposed pump station parcel and proposed force main route to the tentatively proposed gravity sewer connection in Bow Tree. An existing conditions plan will be prepared following the field survey, and we anticipate the plan will be completed by the end of October.
- We began preparation of the Act 537 Plan forms, narratives, and supporting documentation. We have evaluated various alternatives for pumping rates, revised the 2009 Ridley Creek sewer system hydraulic model based upon current flow data and projected pumping rates, and evaluated the capacity impacts to the plant and conveyance system. The modeling indicates the Ridley Creek interceptor may not have adequate capacity for 300,000 gpd from the pump station. We are coordinating with the Township to revisit system as-built plans and to field verify pipe sizes to determine if the model is underestimating capacities.
- We are also evaluating the possibility of running the new force main all the way to the Ridley Creek interceptor (through Bow Tree) instead of tying into existing gravity sewer in Bow Tree.

Debt Issuance Certification

- We finalized, certified, and issued the self-liquidating debt certification documents for the proposed \$2.5M borrowing that were required by the lender.

Semi-Annual I/I Report

- We analyzed data from portable and permanent meters throughout the Chester Creek Collection System, and we met with the Township to review the findings and strategize investigation and metering efforts for the next six month. We intend to complete and submit the semi-annual report before or at the October Municipal Authority meeting.



Monthly Operations Report: September 2013

Treatment Process Operation

During August 2013, there was one reported exceedances of the final effluent discharge limitations for outfall 001 and Outfall 002. The exceedances reported included a weekly average of 20 mg/L, whereas the permit limitation weekly maximum 15 mg/L. It is noted that the permit limitation instantaneous maximum of 20 mg/L was not exceeded. The discharge permit requires a minimum of one sample per week, therefore the weekly maximum be identical to the instantaneous maximum. Additionally, standard laboratory report turnaround time is 2 weeks, which is conflicts with a weekly maximum concentration less than the instantaneous maximum concentration.

The elevated TSS concentration was the result of significant hydraulic loading to the SBRs on August 1st beginning at approximately 10:30 AM and continuing through 3:00 PM. Influent flow rates to the SBRs increased from 100 to 204% of the design hydraulic loading as the result of a rainfall event. The surge of influent flow resulted in the SDBRs experiencing storm mode treatment phases identified as "filled decant" and "filled settle," which typically results in minor solids carryover into the final effluent post flow equalization basins. Figure 1 illustrates the elevated flow rate exceeding 100% of the hydraulic design sustained for a continuous period of approximately 7 hours.

Figure 1

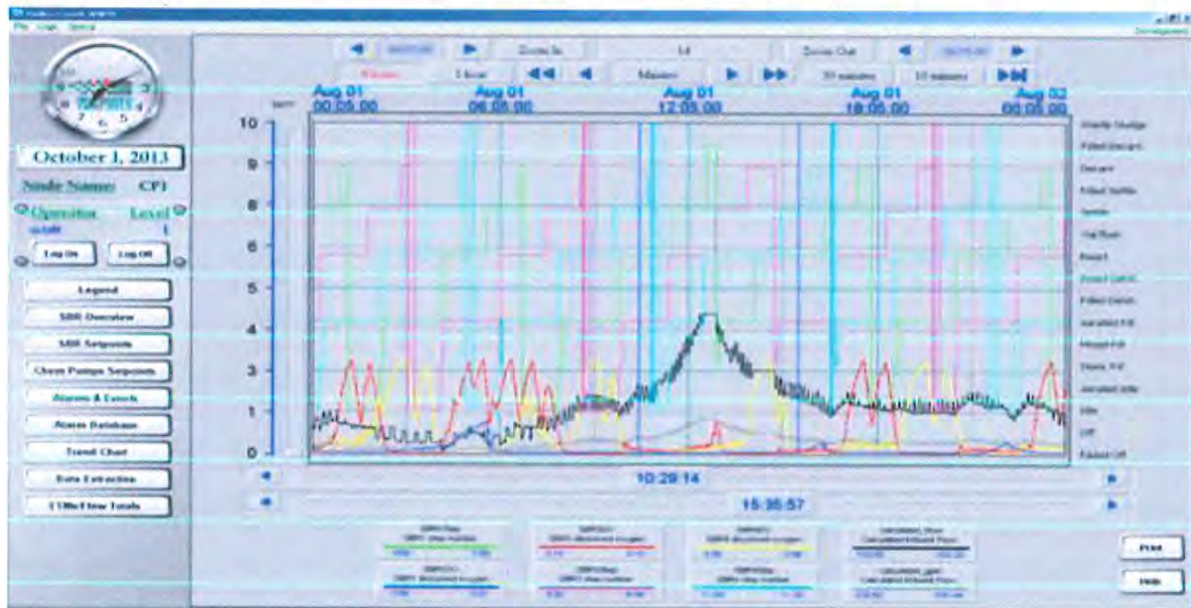




Table 1 illustrates the final effluent composite sample data reported for the August 2013 eDMR.

Table 1

August 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											
August 1, 2013	0.251	2.0	4.2	20	42	0.10	0.21	0.30	0.63	1	0.0000
August 8, 2013	0.131	2.0	2.2	5	5	0.10	0.11	0.28	0.31	1	0.0000
August 15, 2013	0.146	2.0	2.4	5	6	0.10	0.12	0.19	0.23	1	0.0000
August 22, 2013	0.157	23.3	30.5	11	14	2.75	3.60	0.24	0.31	1	0.0000
August 29, 2013	0.243	3.1	6.3	5.0	10	0.323	0.65	0.44	0.89	1	0.0000
Average	0.1856	6.5	9	9	16	0.675	0.94	0.29	0.47	1	0.0000
Minimum	0.1310	2.0	2	5	5	0.100	0.11	0.19	0.23	1	0.0000
Maximum	0.2510	23.3	31	20	42	2.750	3.60	0.44	0.89	1	0.0000

The monthly average total phosphorus concentration was 0.29 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 0.19 mg/L to 0.44 mg/L.

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

Table 2

August 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											
August 1, 2013	0.1470	2.0	2.5	20	25	0.100	0.12	0.30	0.37	1	0.0000
August 8, 2013	0.1490	2.0	2.5	5	6	0.100	0.12	0.28	0.35	1	0.0000
August 15, 2013	0.1470	2.0	2.5	5	6	0.100	0.12	0.19	0.23	1	0.0000
August 22, 2013	0.1440	23.3	28.0	11	13	2.750	3.30	0.24	0.29	1	0.0000
August 29, 2013	No discharge										
Average	0.1468	7.3	9	10	13	0.763	0.92	0.25	0.31	1	0.0000
Minimum	0.1440	2.0	2	5	6	0.100	0.12	0.19	0.23	1	0.0000
Maximum	0.1490	23.3	28	20	25	2.750	3.30	0.30	0.37	1	0.0000



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

Table 3

August 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											
August 1, 2013	0.590	177	870	304	1,495	23.3	115	32.7	161	4.2	21
August 8, 2013	0.347	268	1,318	205	1,008	33.3	164	46.7	230	5.1	25
August 15, 2013	0.323	163	802	228	1,121	33.7	166	44.5	219	5.9	29
August 22, 2013	0.310	254	1,249	270	1,328	34.3	169	51.6	254	7.6	37
August 29, 2013	0.334	157	772	236	1,160	31.9	157	51.5	253	6.4	31
Average	0.3807	204	1002	249	1222	31.3	154	45.4	223	5.8	29
Minimum	0.3100	157	772	205	1008	23.3	115	32.7	161	4.2	21
Maximum	0.5896	268	1318	304	1495	34.3	169	51.6	254	7.6	37

During the month of September 2013, there are no anticipated exceedances of the permit limitations for Outfall 001 and Outfall 002. The CBOD₅ and TSS final effluent concentrations were periodically elevated. Table 4 presents the available final effluent data for the month of September.

Table 4

September 2013 - Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total, mg/L		Fecal Coliform	
		mg/L	lbs/month	mg/L	lbs/month	mg/L	lbs/month	mg/L	lbs/month	Geo Mean	Geo Mean
	MGD Average	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
Sample Date											
September 5, 2013	0.258	3.0	6.5	9	19	0.10	0.22	0.22	0.47	1	0.0000
September 12, 2013	0.317	2.5	6.6	14	37	0.10	0.26	0.50	1.32	1	0.0000
September 19, 2013	0.150	9.9	12.4	7	9	0.10	0.13	0.60	0.75	1	0.0000
September 25, 2013	0.128	na	na	na	na	na	na	0.18	0.19	na	na
September 26, 2013	0.146	6.0	7.3	3	4	0.15	0.19	0.52	0.63	1	0.0000
September 27, 2013	0.150	na	na	3	4	na	na	0.00		na	na
Average	0.1915	5.4	8	7	15	0.113	0.20	0.40	0.56	1	0.0000
Minimum	0.1280	2.5	6	3	4	0.100	0.13	0.18	0.00	1	0.0000
Maximum	0.3170	9.9	12	14	37	0.153	0.26	0.60	1.32	1	0.0000



Transfer of treated effluent to the Applebrook Golf Course continued during September, with the exception of September 1st through the 9th. The average daily average discharge for Outfall 002 during was 122,800 gallons per day. Table 5 presents available data for the Applebrook discharge.

Table 5

September 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											
September 5, 2013	0.0000	No Discharge									
September 12, 2013	0.0088	2.5	0.2	14	1.0	0.100	0.01	0.50	0.04	1	0.0000
September 19, 2013	0.1434	9.9	11.8	7	8.4	0.100	0.12	0.60	0.72	1	0.0000
September 25, 2013	0.1423	na	na	3	3.6	na	na	0.18	0.21	na	na
September 26, 2013	0.1275	6.0	6.4	3	3.2	0.153	0.16	0.52	0.55	1	0.0000
September 27, 2013	0.1269	na	na	3	3.2	na	na			na	na
Average	0.0915	6.1	6	6	4	0.118	0.10	0.45	0.38	1	0.0000
Minimum	0.0000	2.5	0	3	1	0.100	0.01	0.18	0.04	1	0.0000
Maximum	0.1434	9.9	12	14	8	0.153	0.16	0.60	0.72	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

September 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											
September 5, 2013	0.344	232	665	208	597	33.2	95	50.4	145	5.7	16
September 12, 2013	0.377	97.8	281	325	932	34.8	100	52.7	151	7.6	22
September 19, 2013	0.372	177	508	225	645	35.4	102	47.2	135	5.8	17
September 26, 2013	0.308	233	668	192	551	34.5	99	0	0	5.2	15
Average	0.3503	185	530	238	681	34.5	99	50.1	108	6.1	17
Minimum	0.3078	98	281	192	551	33.2	95	47.2	0	5.2	15
Maximum	0.3770	233	668	325	932	35.4	102	52.7	151	7.6	22

Sequencing batch reactors (SBRs) numbered 1, 3 and 4 were in service during the month. Process monitoring of each SBR included ammonia as N, nitrite as N, Nitrate as N, COD, SSV, MLSS and total phosphorus. Foam concentrations remained around the same concentration as during August. Present surface area coverage during React Phase ranges at approximately 50 to 60%. The foam remains as light to medium 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 towards mid and later September as total phosphorus concentrations in the final effluent composite samples were observed to increase.

SBR No. 2 remains out of service as a treatment unit. The majority of the contents were transferred to the sludge holding tanks. The water level was lowered to approximately 4.25 ft.



Process Monitoring On-Line Instrumentation:

No progress during the month.

Flow data:

September 2013		
Flow Meter Location	Total Volume for Month, MGD	Average Daily Flow, gpd
Influent Wastewater to Screening Building	10.426	347,533
Influent Wastewater to SBRs	12.150	405,014
Internal Recycle	1.724	57,432
Treated Effluent to Disc Filters	11.351	378,369
Final Effluent Discharge	6.206	206,867
Applebrook Golf Course	2.579	86,000

Chemical Usage:

September 2013		
Chemical	Daily Average	Total Monthly
Soda Ash	380 lbs./day	11,400 pounds
Magnesium Hydroxide	0 gpd	0 gallons
Aluminum Sulfate solution	61 gpd	1,830 gallons
Polymer (centrifuge)	7.5*	106 gallons

**Fifteen (15) days of centrifuge operation*

Solids Dewatering and Disposal: September 2013

Sludge Dewatering Summary	
Gallons of sludge dewatered	250,221 gallons
Average Dewatered Total Solids, %	19.7
Wet Tons	28.6
Dry Tons	5.623
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 10.23 feet and the level at the end of the month was 3.95 feet. The initial total solids concentration was 0.95% and ended the month as 0.66% total solids. Zero gallons of supernatant were decanted during the month. A total of 450 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 12.47 feet and the level at the end of the month was 12.04 feet. The initial total solids concentration was 0.56% and ended the month as 0.99% total solids. A total 260,400 gallons of supernatant were decanted during the month. A total of 350 pounds of soda ash was added during the month for pH adjustment.

Significant Storm Events

As previously described, on August 1st a significant storm resulting a significant increase in influent flow volume and arte into the SBRs. The influent flow rate exceeded the hydraulic design flows for a period of approximately 7 hours.

No significant storms or excessive influent flows were experienced during the month of September 2013.

Minor Repairs and Preventative Maintenance

1. UV Bank number 1
 - a. Replaced failed ballast
 - b. Replaced three (3) lamps
 - c. Replaced three (3) quartz sleeves
2. Applebrook pump.
 - a. Pump was not remaining in operating and tripping the circuit breaker. Troubleshooting identified a loose lead wire. Refastened the loose wire and returned the pump to service.
3. Installed a flow signal adapter from the SBR influent flow meter to the influent wet well composite sampler.
 - a. Installed a new sample suction line.
 - b. Placed sampler on line beginning September 29, 2013

2013 FLOWMETERS

2013 SEPTEMBER 3RD QUARTER- METERS FROM WEST GOSHEN - CC COLLECTION

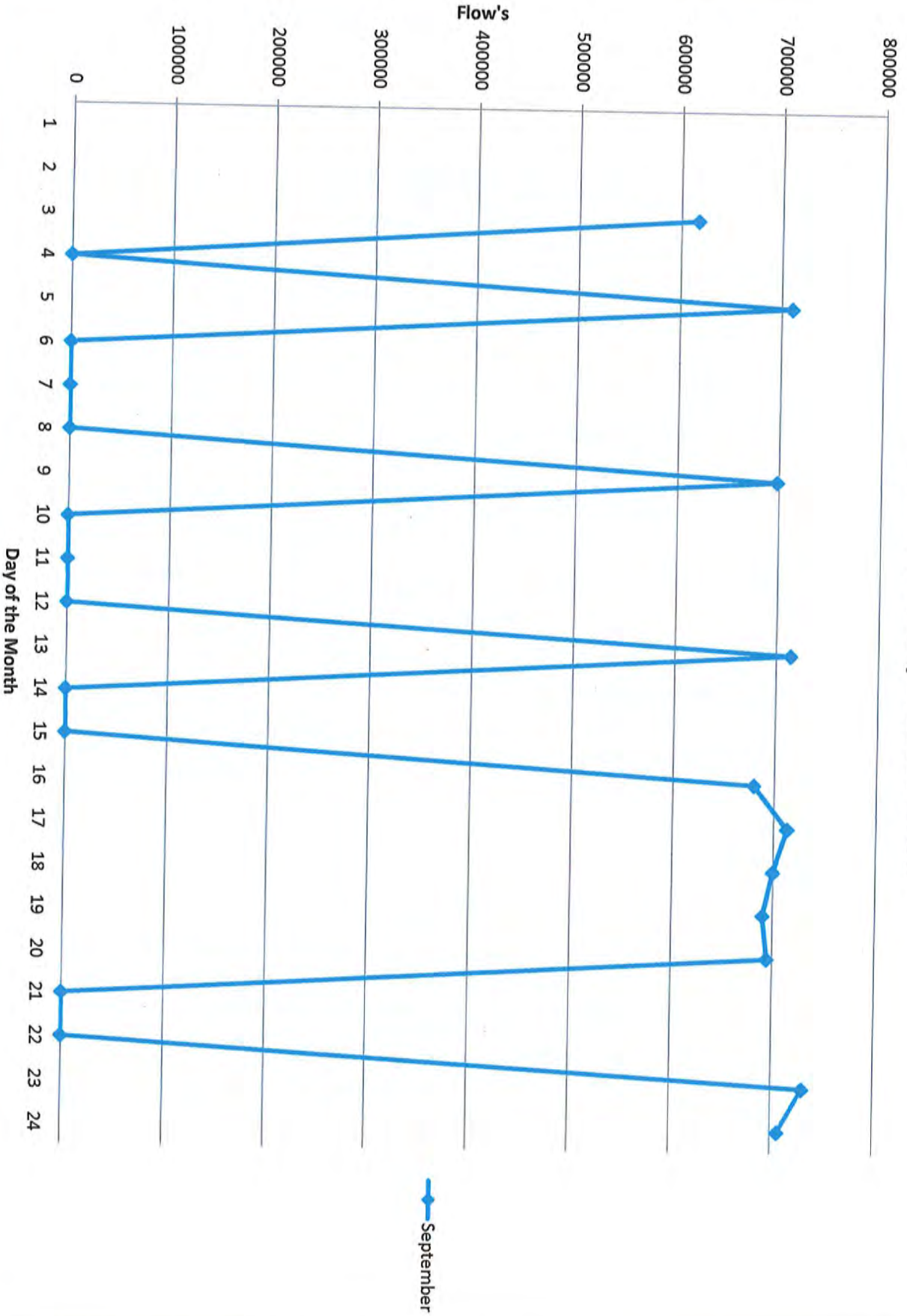
HERSHEY'S MILL		ASHBRIDGE		HICKS METER		RESERVOIR		SHERMAN		BARKWAY	
READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD
				5,306,535	291,745	28,917,282	860,693				
				5,361,843	276,540	29,058,859	707,885				
				5,456,326	236,208	29,319,880	652,553				
				5,573,324	292,495	29,602,701	707,053				
				5,638,510	217,287	29,787,900	617,330				
				5,666,680	281,700	29,857,027	691,270				
				5,693,765	270,850	29,923,482	664,550				
				5,720,213	264,480	29,988,920	654,380				
				5,747,280	270,670	30,055,516	665,960				
				5,816,985	232,350	30,255,242	665,753				
				5,843,012	260,270	30,323,522	682,800				
				0	263,145	688,202	0				
				0	0	0	0				

2013 SUMMARY OF METER READINGS

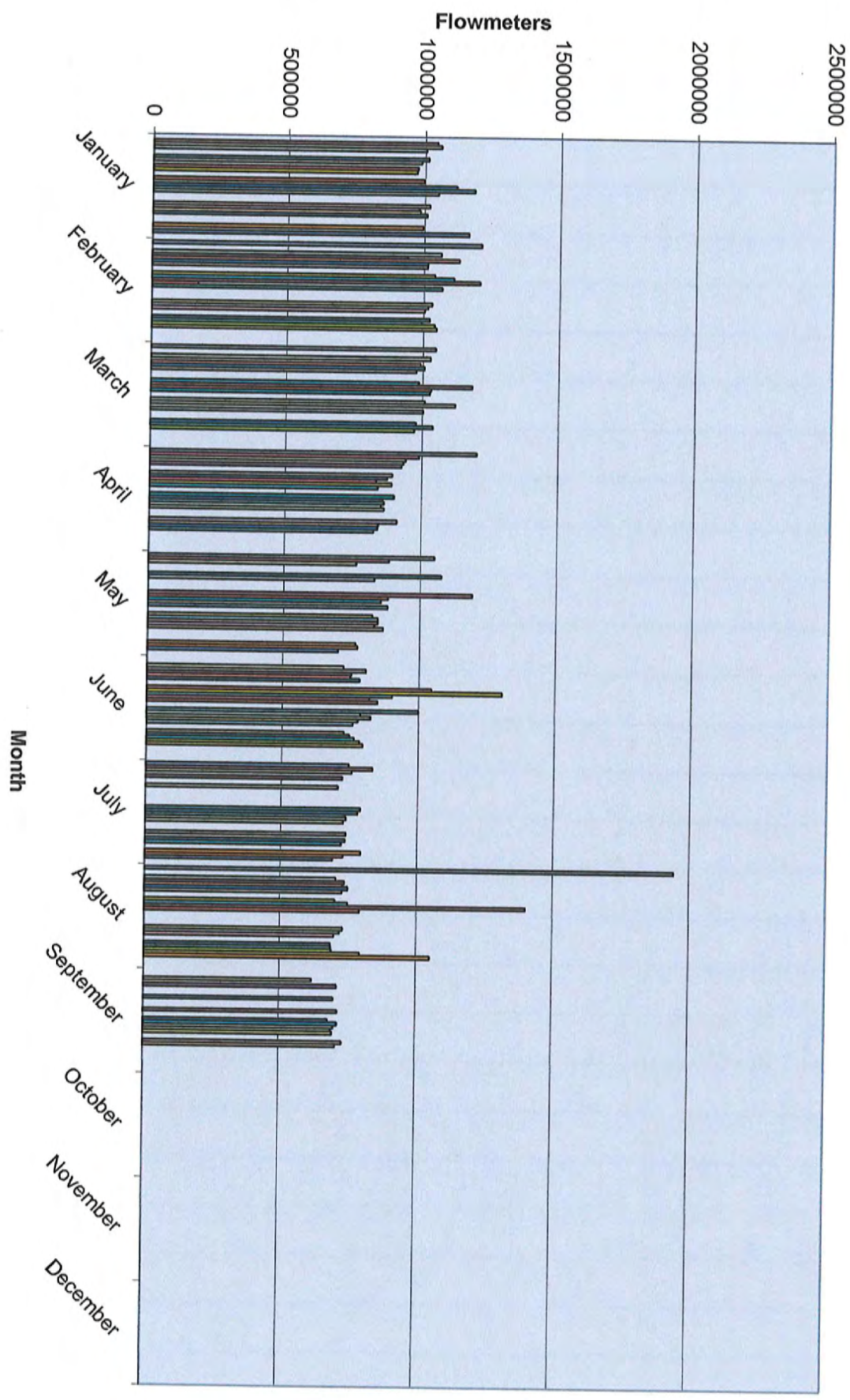
	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT	HERSHEY MILL	ASHBRIDGE	HICKS	RESERVOIR	SHERMAN	BARKWAY
JANUARY	1,277,069	120,481	60,165	63,671	20,400	89,992	70,106	387,898	922,377	7,363	11,147
FEBRUARY	1,297,700	101,955	56,216	77,811	20,400	89,500	64,950	387,898	936,368	7,669	10,544
MARCH	1,285,156	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	1,124,593	117,115	71,356	87,438	20,400	81,972	64,039	273,343	788,067	6,199	9,700
SEPTEMBER	918,265	89,624	64,278	68,398				263,145	688,202		
OCTOBER											
NOVEMBER											
DECEMBER											
Total Flows											
Monthly Ave	1,138,533	109,704	67,677	78,545	20,400	84,522	65,581	314,363	810,762	6,054	10,136

To
West Goshen 882,606

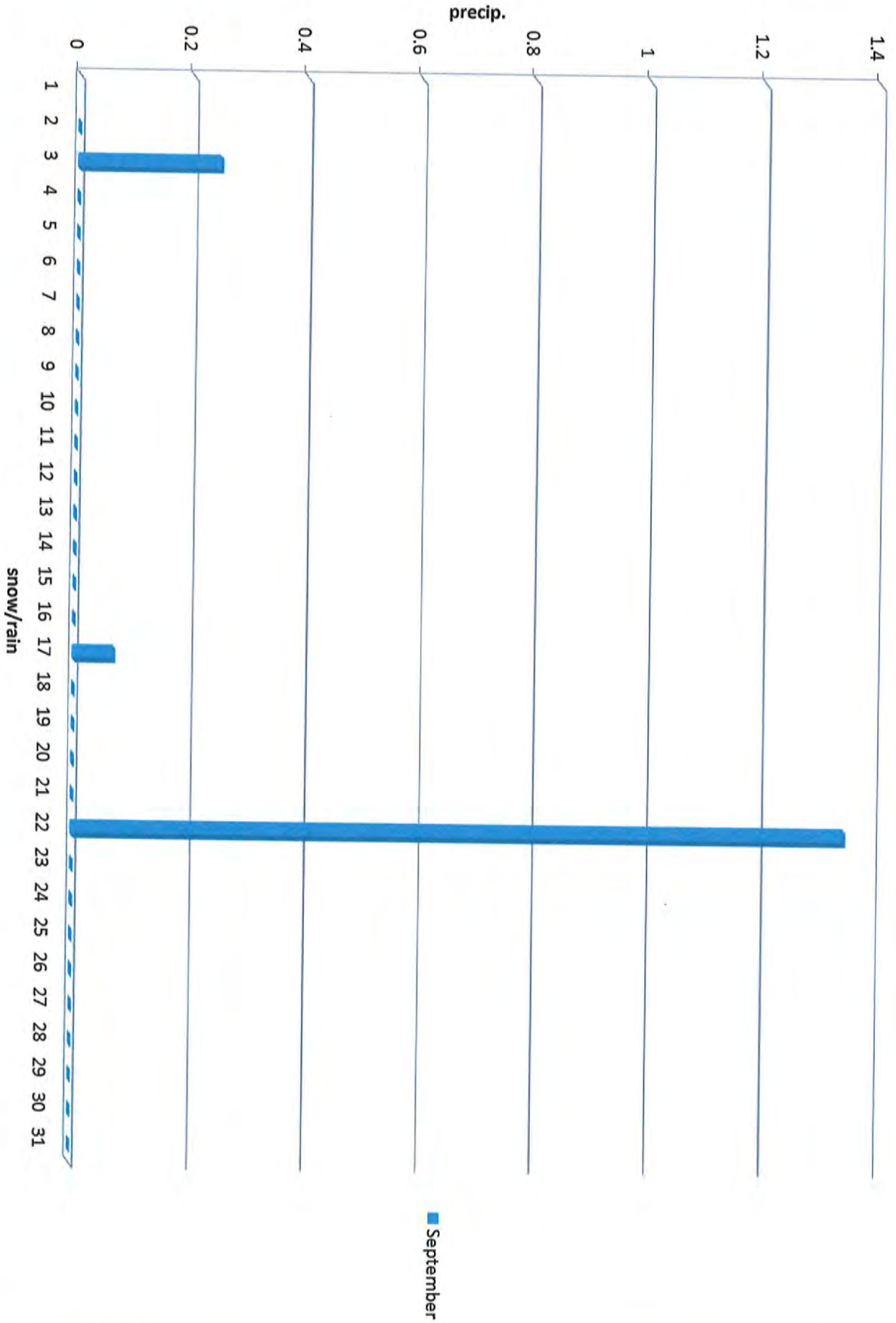
Flowmeters September 2013



Monthly Totals 2012 Jan-Dec



September Precip 1.67 - 2013



2013 Monthly Precipitation

