

**EAST GOSHEN MUNICIPAL AUTHORITY**

**December 8, 2014**

**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. SEWER REPORTS
  - a. Director of Public Works Report
  - b. Pennoni Engineer's Report
  - c. Big Fish Environmental Inc. Report with DMR's -- to be distributed at meeting. RCSTP in compliance for November.
  - d. East Goshen Township Flows
  
3. APPROVAL OF MINUTES
  - a. November 10, 2014
  
4. APPROVAL OF INVOICES

a. Pennoni	Invoice #615122	\$ 852.50
b. Pennoni	Invoice #615123	\$ 536.75
c. Pennoni	Invoice #615124	\$ 103.25
  
5. LIAISON REPORTS
6. FINANCIAL REPORTS
  - a. November 2014 Report
  
7. OLD BUSINESS
  - a. House Lateral Inspection – on 12/2 Board requested staff prepare a report on this issue.
  
8. GOALS
  - a. Review current mission statement and provide the Board of Supervisors with changes, if needed – June 1, 2014

**May 8 – The MA does not have a current mission statement. A first draft included in the packet. June 9 – Changed “lease” to “leasee”. Mission Statement approved by MA on June 9 - Completed**

- b. Submit an article for each newsletter – Due date for newsletter  
 Need by 1/31/14 – Dana **Completed**  
 Need by 4/30/14 – Jack **Completed**  
 Need by 7/1/14 - Kevin **Completed**  
 Need by 10/31/14 – Ed **Completed**  
 Need by 2/13/15
  
- c. Obtain PA DEP approval for the Act 537 Plan revision for the Reservoir Road Pump Station – December 31, 2014  
  
**May 8 - Revisions submitted to EGMA, EGPC, WGSTP, CCHD, and CCPC**  
**July 14 – BOS scheduled to adopt resolution at their meeting on August 19.**  
**Resolution adopted and Plan revision sent to PA DEP on August 25.**
  
- d. Develop a recommendation on covers for the SBRs – August 1, 2014  
  
**May 8 – Draft memo distributed. June 9 – Final memo in packet - Completed**
  
- e. Attend West Goshen Meetings quarterly – more often if needed.  
  
 1<sup>st</sup> Quarter (March) – Jack- **Completed**  
 2<sup>nd</sup> Quarter (June) – Ed- **Completed**  
 3<sup>rd</sup> Quarter (September) Ed - **Completed**  
 4<sup>th</sup> Quarter (December) Jack
  
- f. Respond to capacity requests in 45 days or less.  
**211 Ellis Lane – 1 EDU existing house, 195 Wyllpen Place – 1 EDU existing house, 3 Lucas Lane – 44 EDUs. Callahan, North Chester Road 1 EDU**
  
- g. Continue to implement I & I Plan  
  
**April 14 – Status Report received**  
**October 8 – Status Report Received**
  
- h. Operate RCSTP in compliance with NPDES Permit  
  
**January, February, March, May, June, July, August, September, October, November**

9. NEW BUSINESS

- a. Consider rescheduling January 12 meeting to 6 pm
- b. Select representative to Comp Plan Task Force.
- c. Reservoir Road PS Proposal

10. CAPACITY REQUESTS
11. ANY OTHER MATTER
12. CORRESPONDENCE AND REPORTS OF INTEREST
13. PUBLIC COMMENT
14. ADJOURNMENT

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

December 1, 2014

To: Municipal Authority  
From: Mark Miller  
Re: November 2014 Monthly Report

It was a very busy month on all the systems.

**Meters:** We had problems with the meters including the portable meters. Allied Control was called to make repairs. The meter on Wilson Drive had meter flows that were climbing, we found that the transducer was failing. Allied installed a spare transducer that we had in stock. Two of the portable meters failed when the band holding the metering probe broke away and flowed down stream fortunately we were able to retrieve the probe.

**C.C. Collection:** While reviewing Pa. One calls we saw that Battavio Plumbing was doing a lateral repair, I called Carmen to see what the problem was; he stated that when his employee was on site they found sewage coming from the stand pipe at the street. We went out and ran the camera from the stand pipe to the main we found that the pipe had dropped, we excavated the lateral and verified that the lateral did not have enough fall. After some discussion we decided to abandon the existing lateral and install a new lateral about 20 foot further down the main; this required the removal of a large Ash tree and a hedge row of brush.

The pump stations were visited on a routine basis, the pumps that were pulled last month were repaired and picked up at Deckmen Electric.

**R.C. Collection:** The Hunt Country Pump Station was visited on a daily basis with no problems to report.

**R.C. Plant:**

On November 20<sup>th</sup> I received a call from the plant operator who reported that the generators came on to run as they do on a weekly basis; then he heard a boom and the power went out. When I got to the plant and opened the transfer switch door I saw that the switch had blown apart. I called our contractor who responded; due to the age of the transfer switch which is no longer made; it was decided to purchase a new transfer switch out of Texas. Between Paul Siddell and Leni Electric they were able to put a piece of wood in the old transfer switch to allow street power and get the lift station and forward feed pumps operational. Do to the outage we flooded out the screen with 9 feet of sewage. However we never overflowed into the meadow. We were not able to get the transfer switch operational until Monday.

On November 28<sup>th</sup> the operator called to report that he heard a bang in the MCC#2 and lost power to the lift station pump #2 and the heat in the sludge room. I contacted Lenni who responded however; it was decided that as long as the other two pumps were working we would not touch anything until Monday.

**Lateral Repairs:**

1631 Still Lane

**Alarms:**

We responded to 28 alarms for the month of November.

**PA One Calls:**

We received 120 PA One calls in November.



**MEMORANDUM**

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

**FROM:** Michael Ellis, P.E.  
Authority Engineer

**DATE:** December 5, 2014

**SUBJECT:** Engineer's Report

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**Invoices**

- Invoices with summaries are provided under separate cover.

**Reservoir Road Pump Station Act 537 Plan**

- The Act 537 Plan Update was submitted to PADEP on August 25, 2014. PADEP has reviewed the Plan Update, and they provided two comments, which we have addressed:
  - We submitted revised Plan Update pages to address a project scheduling comment on October 16.
  - U.S. Fish & Wildlife Service (USFWS) provided approval of the bog turtle habitat survey and proposed construction avoidance measures on November 14. The approval letter was forwarded to PADEP on November 17. The approval letter includes 12 conditions for construction including a requirement that the pipe construction in the vicinity of the Chester Creek only be performed between April 1 and October 31.
- We have requested feedback from PADEP to confirm all comments are satisfactorily addressed, but we have not received a response. Per PADEP guidelines, approval should be issued by December 23, 2014 (within 120 days of the original submission).

**Sewer Ordinance Updates**

- We finalized proposed revisions to the "Building Sewer" and "Grinder Pump" sections of the Township's Sewers Ordinance and forwarded to the Township for consideration of enactment via ordinance amendment by the Board of Supervisors.



**2014 NOVEMBER 4TH QUARTER- METERS FROM WEST GOSHEN - CC COLLECTION**

DATE	HERSHEY'S MILL		ASHBRIDGE		HICKS METER		RESERVOIR		BARKWAY	
	READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD
11/1/2014										
11/2/2014										
11/3/2014										
11/4/2014										
11/5/2014										
11/6/2014	23,013,454	534,698	2,001,471	56,315	16,252,118	243,139	59,240,750	585,372	3,400,442	10,094
11/7/2014										
11/8/2014										
11/9/2014										
11/10/2014	23,230,364	542,275	2,003,789	57,950	16,345,634	233,790	59,482,355	604,013	3,404,797	10,888
11/11/2014										
11/12/2014	23,329,650	496,430	2,004,834	52,250	16,396,957	256,615	59,604,037	608,410	3,406,657	9,300
11/13/2014	23,378,600	489,500	2,005,424	59,000	16,426,062	291,050	59,670,055	660,180	3,407,626	9,690
11/14/2014										
11/15/2014										
11/16/2014										
11/17/2014										
11/18/2014	23,654,408	551,616	2,008,394	59,400	16,569,463	286,802	60,014,771	689,432	3,413,008	10,764
11/19/2014	23,709,880	554,820	2,008,930	53,600	16,599,820	303,570	60,088,405	736,340	3,413,984	9,760
11/20/2014										
11/21/2014	23,815,336	527,230	2,010,030	55,000	16,659,834	300,070	60,229,892	707,435	3,416,125	10,705
11/22/2014										
11/23/2014										
11/24/2014	23,991,290	586,513	2,011,812	59,400	16,736,795	256,537	60,424,249	647,857	3,419,491	11,220
11/25/2014										
11/26/2014										
11/27/2014										
11/28/2014										
11/29/2014										
11/30/2014										
		535,385		56,614		271,447		654,890		10,303
		4,283,083		452,915		2,171,573		5,239,038		82,420
		8		8		8		8		8



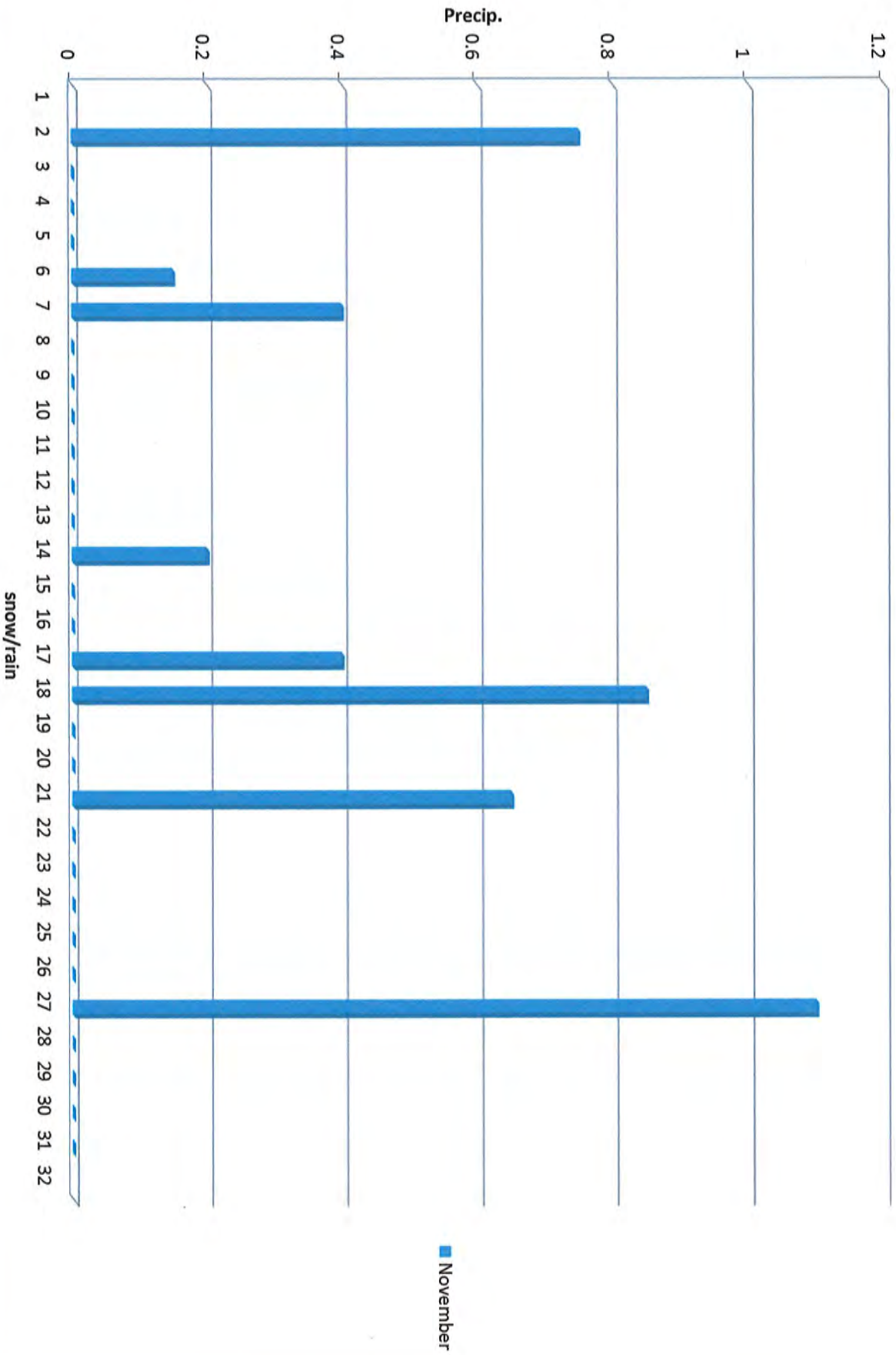
## 2014 SUMMARY OF METER READINGS

	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT	HERSHEY MILL	ASHBRIDGE	HICKS	RESERVOIR	BARKWAY	
JANUARY	1,120,955	112,631	63,436	80,890	24,000			255,116	795,376		
FEBRUARY	1,249,173	138,449	68,472	88,803	24,000			287,831	881,433		
MARCH	1,182,533	126,933	67,479	84,197	24,000	860,074		75,186	291,520	28,696	
APRIL	1,242,798	143,329	76,736	88,674	24,000	1,029,229		79,139	300,256	12,331	
MAY	1,542,161	175,112	95,766	94,501	24,000	1,337,536		117,391	357,808	20,786	
JUNE	1,117,632	118,019	66,596	96,366	24,000	718,059		68,339	287,327	11,081	
JULY	965,691	100,935	55,946	86,968	24,000	613,087		57,604	261,340	9,610	
AUGUST	901,782	84,377	54,933	67,878	24,000	546,913		54,394	242,828	9,213	
SEPTEMBER	948,410	82,233	63,005	69,743	24,000	528,956		53,424	183,533	17,998	
OCTOBER	914,111	77,792	61,149	76,199	24,000	519,162		56,103	263,386	9,877	
NOVEMBER	965,665	74,445	57,890	111,895	24,000	535,385		56,614	271,447	10,303	
DECEMBER											
Total Flows											
Monthly Ave	1,104,628	112,205	66,492	86,010	24,000	743,156		68,688	272,945	726,620	14,433

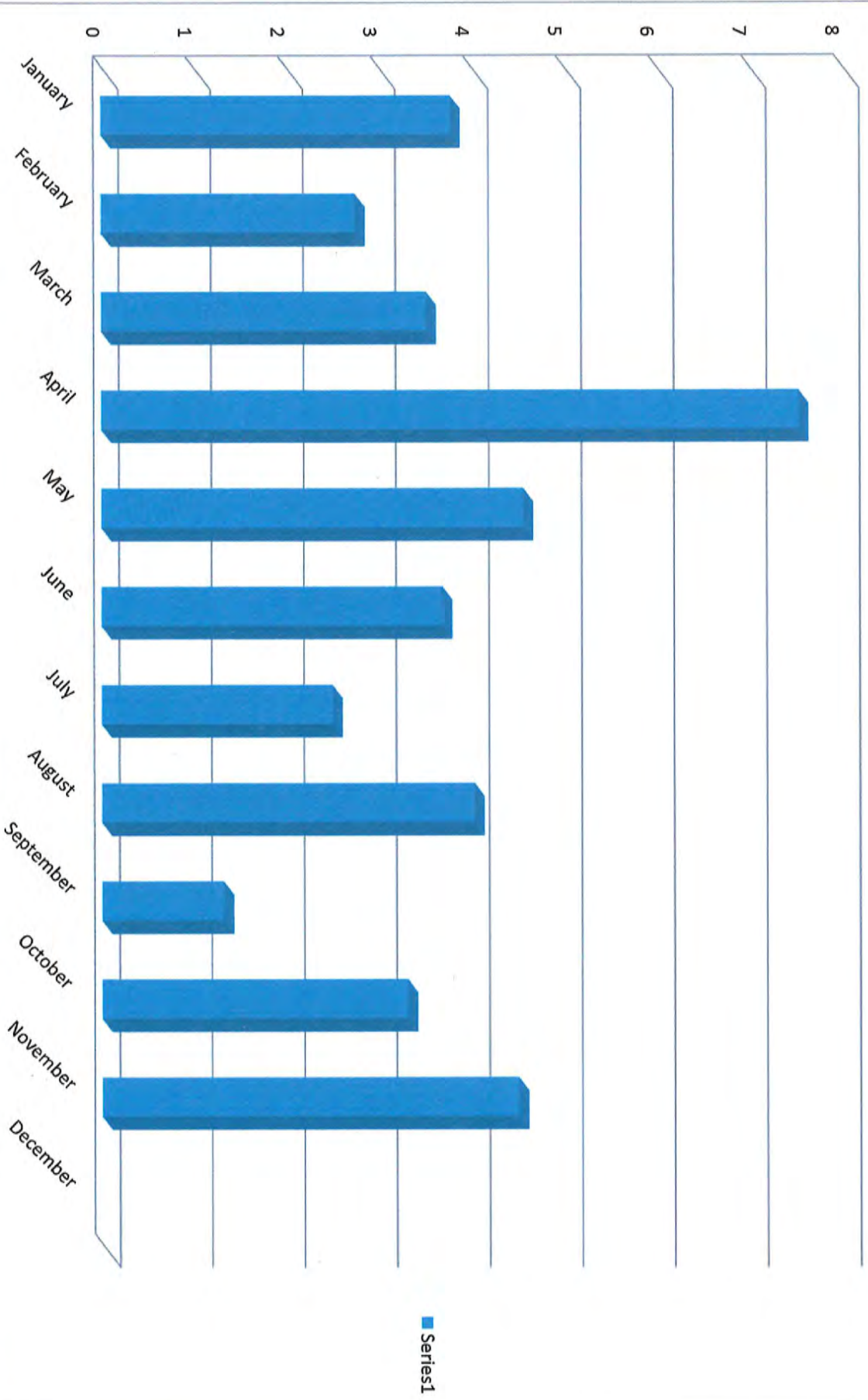
To  
West Goshen

839,921

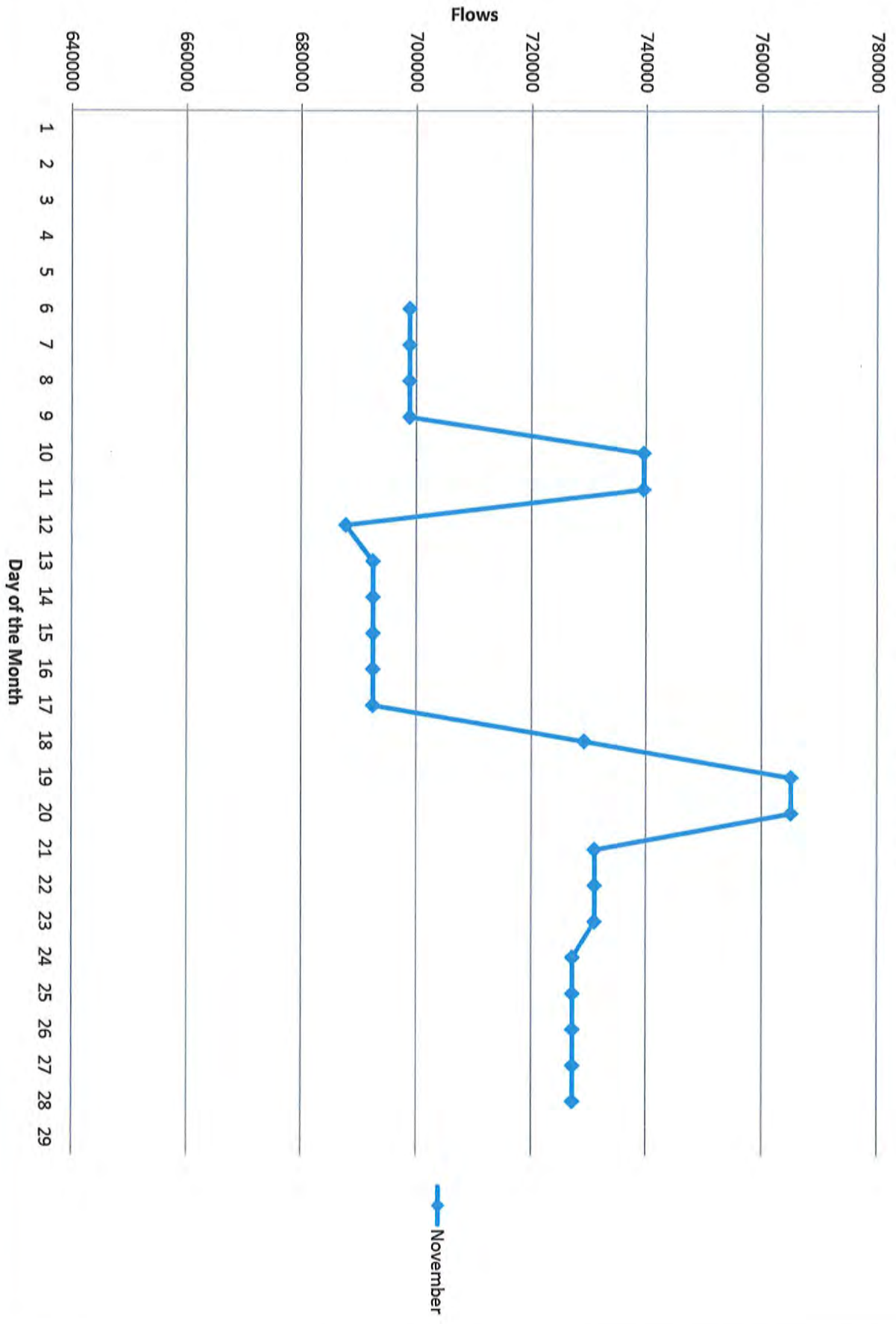
# November Precip. 4.50 - 2014



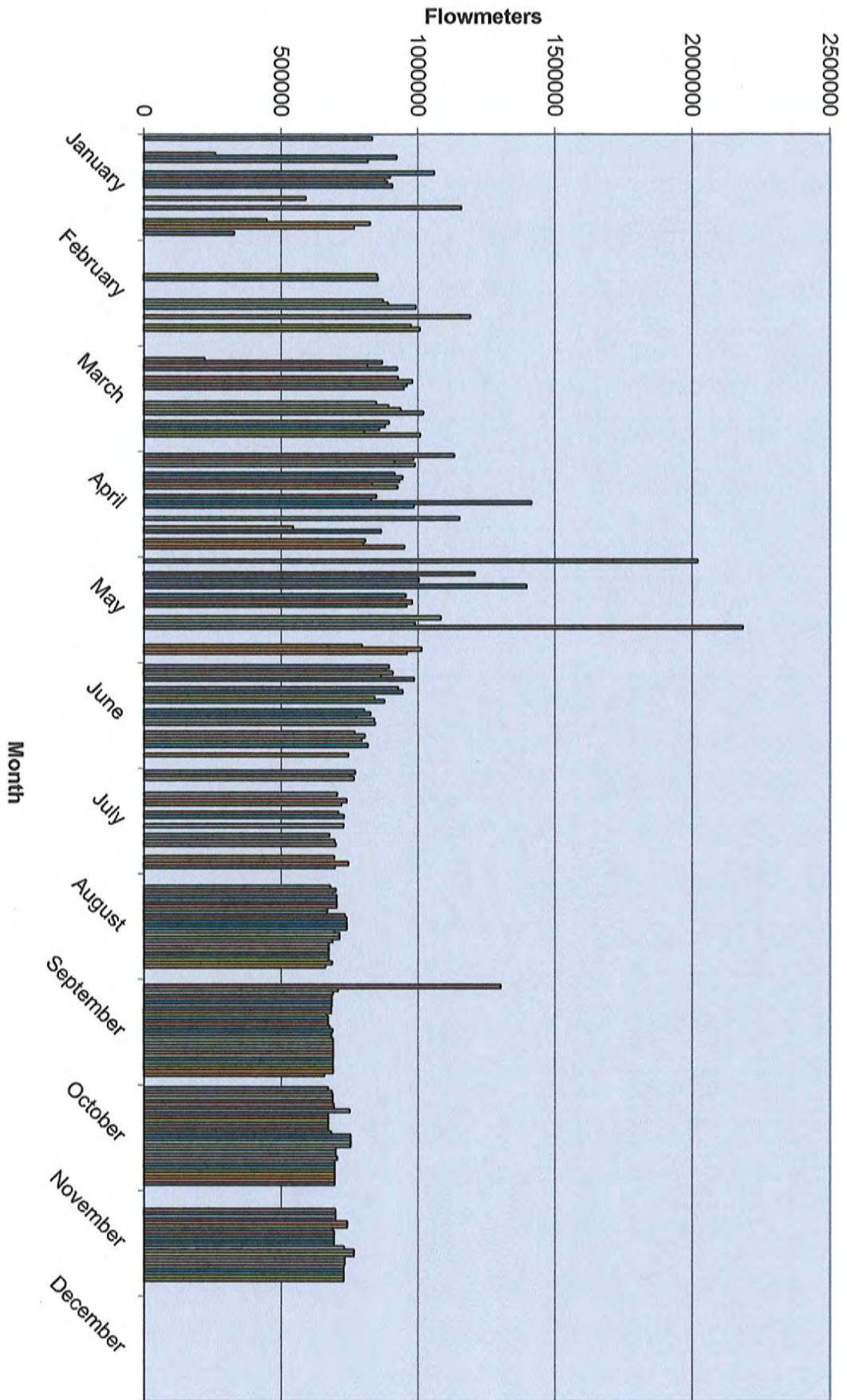
# 2014 Monthly Precipitation



# Flowmeters November 2014



Monthly Totals 2012 Jan-Dec



draft  
**EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY**  
**MEETING MINUTES**  
**November 10, 2014**

The East Goshen Township Municipal Authority held their regular public meeting on Monday, November 10, 2014 at 7:00 pm at the East Goshen Township building. Members in attendance were: Chairman Jack Yahraes, Dana Pizarro, Ed McAssey and Fran Beck. Also in attendance were: Rick Smith (Township Manager), Patrick McKenna (Attorney), Scott Towler (Big Fish) and Mike Ellis (Pennoni), and Walter Wujik (Conservancy Board).

**COMMON ACRONYMS:**

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

**Call to Order & Pledge of Allegiance**

Jack 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 and all veterans. Jack asked if anyone would be recording the meeting and there was no response.

**Chairman’s Report/Other Members’ Reports**

Jack read a thank you note from Bob Adams for recognizing his years of service and for the Blacksmith Shop print.

**Sewer Reports**

**1. Director of Public Works**

Mark Miller reported for October 2014:

Meters: All meters were read on a daily basis with the exception of the week of Nov. 1<sup>st</sup> due to paving. The temporary meters were read on a bi-weekly basis. We purchased a new portable flow meter and installed it on the Interceptor line on Reservoir Road.

CC Collection: All pump stations were visited on a daily basis. The wet wells were washed down. As part of our routine maintenance all number two pumps were pulled for maintenance and sent to Deckman Electric. While pulling the pump at the Barkway pumping station, the rail system, which the pumps are connected to, broke. I was able to rig it back together. We need to replace the entire rail system. Unfortunately, they no longer make this type of rail system. I contacted Jim Seely who quoted us on a new rail system in the amount of \$4,118.00 and another \$3,900.00 to install the system. I asked MGK for a quote because they have experience on installing these systems. Seely’s price also includes new fulutes for both pumps. If you approve this job, I will order the materials.

1 Dana moved to approve the purchase of a new rail system and installation up to \$9,000.00. Ed  
2 seconded the motion. The motion passed unanimously.

3 Mark's Report continued:

4 We also had some sewer lateral problems in Grand Oak Development. A resident  
5 thought her neighbor was having a problem. We televised 3 laterals. Two were fine but  
6 one was full of roots.

7 RC Collection: The pumping station was visited on a daily basis. Pump 2 was pulled  
8 for maintenance.

9 RC Plant: No problems to report.

10 Lateral Repairs: Grand Oak Development – 1430 Grand Oak La, 1432 Grand Oak La,  
11 and 1444 Grand Oak La.

12 Alarms: We responded to 19 alarms for the month of October.

13 PA One Calls: We received 68 PA One calls in October.  
14

## 15 **2. Pennoni Engineer's Report**

16 Mike Ellis gave the following report:

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

18 Reservoir Rd Pump Station Act 537 Plan: The Act 537 Plan Update was submitted to PADEP  
19 on August 25, 2014. PADEP has reviewed the Plan Update and they provided two comments  
20 which we are in the process of addressing:

21 1. We submitted revised Plan Update pages to address a project scheduling comment on  
22 October 16.

23 2. The second comment is that U.S. Fish & Wildlife Service (USFWS) approval is  
24 required. We are still awaiting USFWS's formal approval, and we have contacted them  
25 several times to request a written approval.

### 26 Tentative Act 537 Planning schedule:

#### Estimated Date

27 Submission to PADEP

August 25, 2014

28 USFWS approval

estimated by November 14, 2014

29 PADEP Review and Approval (120 Days)

by December 23, 2014

30 New Sewer Connections: We reviewed revised grinder pump plan submissions for a proposed  
31 house and grinder pump at 610 Reservoir Road.  
32  
33

## 34 **3. Big Fish Environmental Services** – The following is Scott's report for October 2014:

35 Treatment Process Operation - During September 2014, there were no exceedances of the final  
36 effluent discharge limitations for outfall 001 and discharge from Outfall 002. The monthly  
37 average total phosphorus concentration was 0.31 mg/L as compared to the permitted limitation of  
38 0.5 mg/L.

39 During the month, the final effluent total phosphorus concentration discharged ranged from 0.18  
40 mg/L to 0.53 mg/L. A daily average of 99 gallons per day of aluminum sulfate solution was  
41 used which was consistent with the 99 gpd for August.

42 A total of 2,001,900 gallons, which represented a daily average of 133,460 gpd of treated  
43 effluent was discharged to Applebrook, Outfall 002. There are no anticipated exceedances of the  
44 permitted limitations for the month of October. Split sampling of the composite sample  
45 collected by Applied Laboratory Services (ALS) is ongoing for comparative analysis and daily  
46 results.

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

6 Sequencing batch reactors (SBRs) 1, 3 and 4 were in service during the months of September  
7 and October.

8 Process monitoring of each SBR included ammonia as N, Nitrite as N, Nitrate as N, COD, SSV,  
9 MLSS and total phosphorus. Foam concentrations decreased slightly during September to as low  
10 as 40% coverage of the surface area. Increased sludge wasting rates were maintained to manage  
11 the MLSS concentrations and F:M ratio within the desired goals. The extended aeration period  
12 assists to offset the oxygen demand after extended periods of idle time between treatment cycles.

13 Daily monitoring of the influent and final effluent 24-hour composites samples for total  
14 phosphorus is ongoing. Daily analysis of the final effluent flow equalization grab sample total  
15 phosphorus is ongoing. Sample collection and analysis of the influent wastewater collected at  
16 the influent pump station wet well is ongoing. Addition of aluminum sulfate solution to the SBRs  
17 to assist with Phosphorus removal continued. The volume of aluminum sulfate solution to the  
18 SBRs was decreased for a daily average of 70.5 gpd during October to assist with total  
19 phosphorus removal. The aluminum sulfate dosages prior to filtration remained constant during  
20 October. During October, the soda ash addition average increased slightly to approx. 419  
21 lbs/day, as compared to 435 lbs/day during September. Soda ash assists towards maintaining pH  
22 concentrations above 7.0 standard units continued during the month.

23 SBR #2 remains out of service as a treatment unit, however, partially filled with MLSS which  
24 continuously mixed and aerated. During October, SBR2 content was transferred to the sludge  
25 holding tanks for processing. Cleaning of the SBR is scheduled for Nov. 5<sup>th</sup>.

#### 26 Solids Dewatering and Disposal: October 2014

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

29 Sludge holding tank #1 was in service. The level at the beginning of the month was 8.73 ft. and  
30 the level at the end of the month was 8.00 feet. The average pH concentration was 6.62 S.U.  
31 Zero gallons of supernatant were decanted during the month. A total of 600 lbs. of soda ash  
32 were added during the month for pH adjustment.

33 Sludge holding tank #2 was in service. The level at the beginning of the month was 4.77 ft. and  
34 the level at the end was 6.92. The average pH concentration was 6.47 S.U. Zero gallons of  
35 supernatant were decanted during the month. A total of 900 pounds of soda ash were added  
36 during the month for pH adjustment.

37 Significant storm/hydraulic Loading Events – None for September or October 2014.

#### 38 Minor Repairs and Preventive Maintenance

39 ACS replaced a failed level transducer for the influent fine screen.

40  
41 Several Authority members voice concern about the pallets, etc. that are piled up on the ramp  
42 when you come into the parking area.



1 **Approval of Minutes**

2 Ed moved to accept the minutes of October 13, 2014 as corrected. Fran seconded the motion.  
3 The motion passed unanimously.  
4

5 **Approval of Invoices**

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

- 7 a. Pennoni #611142 \$ 28.25
- 8 b. Pennoni #611143 \$ 247.50
- 9 c. Pennoni #611144 \$ 141.25
- 10 d. Pennoni #611145 \$ 3,856.00

11 Dana seconded the motion. The motion passed unanimously.

12 2. Fran moved to approve payment of the Gawthrop invoices #124666 for \$280.00 and #125139  
13 for \$540.00. Ed seconded the motion. The motion passed unanimously.  
14

15 **Liaison Reports**

16 Conservancy Board – Walter reported that the Board has a new member, John Scheidt. Scott  
17 got 60% off the big trees for the E. Boot Rd. planting and Mark Miller planted them in late  
18 September.  
19

20 **Financial Reports**

21 Jon Altshul provided the following report:

22 The Municipal Authority recorded \$2,134 in revenues, including 1 tap-in fee, and \$4,252 in  
23 expenses in October, a difference of -\$2,118. The fund balance is now \$1,605,803.  
24

25 **Goals**

26 Jack will go to the December West Goshen meeting.  
27

28 **New Business**

29 1. Grant Agreement – Fran moved to accept the grant from PA Dept of Community &  
30 Economic Development in the amount of \$37,162.00 and authorize the required officials to sign  
31 the agreement. Dana seconded the motion. The motion passed unanimously.

32 2. Wineberry Lane Easement – Rick explained that the stormwater management system for this  
33 street consists of a California Inlet, which needs regular maintenance and to be redone every 8-  
34 10 years. Unfortunately, the soils on Wineberry are not suitable for this type of system. Mr.  
35 Angelini who owns the property around the inlet is willing to grant an easement over both of his  
36 properties to pipe the runoff to the culvert going under Cornwallis Drive. Mark estimates it will  
37 cost \$18,750.00 to install the perforated pipe. Fran moved to authorize the Chairman to execute  
38 the easement agreement. Dana seconded to motion. The motion passed unanimously.

39 3. Pennoni 2015 Fee Schedule - They are proposing a modest \$2.00/hour increase for each  
40 classification resulting in a range of increases from 1.8% to 3.1% for an average increase of  
41 approximately 2.4%. The estimated total fee for annual services is \$37,300 allocated as follows:

42	Monthly meetings & general consultation	\$12,000
43	Semi-annual I/I reports	\$10,500
44	Chapter 94 reports	\$14,800

45 Dana moved to appoint Pennoni at the proposed 2015 rates. Jack seconded the motion. The  
46 motion passed unanimously.

1 4. Gawthrop Greenwood, PC 2015 Fee Schedule – They propose no change in the current rate of  
2 \$200.00/hour. Dana moved to appoint Gawthrop Greenwood at the current rate of \$200/hr. Fran  
3 seconded the motion. The motion passed unanimously.

4 5. Reservoir Road PS –Permit Durations – Rick provided a copy of the memo from Mike Ellis  
5 regarding permit durations. Mike is hoping to have permit approval in December.

6 6. Accounting Firm 2015 fee proposal – The account firm (Mallie) has proposed a fee of  
7 \$8,900. Fran moved to accept Maillie’s proposed fee of \$8,900. Dana seconded the motion.  
8 The motion passed unanimously.

9 7. Lateral Inspections – Jack raised the subject of having the Township do lateral inspections  
10 when a house sells. The time allocated would be 2 hours and cost \$100. Dana approved a draft  
11 recommendation to the BOS. Fran seconded the motion. The motion passed unanimously.  
12

### 13 **Capacity Requests**

14 1131 N Chester Road, Callaghan Subdivision – A letter was received from Andrew Eberwein at  
15 Edward B. Walsh & Associates on behalf of James Callaghan requested a reservation for 1 EDU  
16 for future tie-in of a louse on Lot 2 of this subdivision. Dana moved to reserve 1 EDU for the  
17 Callaghan subdivision. Ed seconded the motion. The motion passed unanimously. Rick will  
18 send a letter.  
19  
20

### 21 **Adjournment**

22 There being no further business, Dana moved to adjourn the meeting. Fran seconded the motion.  
23 The motion passed unanimously. The meeting was adjourned at 8:50 pm.  
24

25 Respectfully submitted,  
26  
27

28 Ruth Kiefer  
29 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 # : 615122  
Invoice Date : 11/17/2014  
Project : EGMA1307  
Project Name : Reservoir Rd PS Act 537 Planning

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For Services Rendered through: 11/9/2014

Prepared and issued revisions to certain Act 537 Plan pages to address PADEP's comments on flowrates, scheduling, and peak factors; continued coordination with U.S. Fish & Wildlife Service to obtain bog turtle habitat submission approval; and prepared list of effective durations for all expected permits and approvals.

Phase : 03 -- Act 537 Plan Update

Total Phase : 03 -- Act 537 Plan Update

Labor :	687.50
Expense :	0.00
Phase Total :	687.50

Phase : 04 -- Additonal Meetings

Total Phase : 04 -- Additonal Meetings

Labor :	165.00
Expense :	0.00
Phase Total :	165.00

Amount Due This Invoice

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\$852.50

*ok RS 11/20/14*

Continued on next page...

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

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...Continued from previous page

**Phase : 03 -- Act 537 Plan Update**

<b>Labor Class</b>	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
Authority Engineer	6.25	110.00	687.50
<b>Labor Total:</b>	<b>6.25</b>		<b>687.50</b>

<b>Total Phase : 03 -- Act 537 Plan Update</b>	<b>Labor :</b>	<b>\$687.50</b>
	<b>Expense :</b>	<b>\$0.00</b>

**Phase : 04 -- Additonal Meetings**

<b>Labor Class</b>	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
Authority Engineer	1.50	110.00	165.00
<b>Labor Total:</b>	<b>1.50</b>		<b>165.00</b>

<b>Total Phase : 04 -- Additonal Meetings</b>	<b>Labor :</b>	<b>\$165.00</b>
	<b>Expense :</b>	<b>\$0.00</b>

<b>Total Project : EGMA1307 -- Reservoir Rd PS Act 537 Planning</b>	<b>Labor :</b>	<b>\$852.50</b>
	<b>Expense :</b>	<b>\$0.00</b>

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 11/17/2014

<b>Project:</b>	EGMA1307		
<b>Pennoni Job No.:</b>	Reservoir Rd PS Act 537 Planning		
<b>Invoice No:</b>	<b>615122</b>		
<b>Invoice Period:</b>	10/13/2014	to	11/9/2014
<b>Initial Authorization:</b>	\$ 77,400.00	<b>Date:</b>	11/17/2014
<b>Contract Amount:</b>	\$ 87,900.00		
<b>Previously Invoiced:</b>	\$ 72,964.25		
<b>Current Invoice:</b>	\$ 852.50		
<b>Invoiced to Date (\$):</b>	\$ 73,816.75		
<b>Invoiced to Date (%):</b>	84%		
<b>Remaining Budget (\$):</b>	\$ 14,083.25		
<b>Remaining Budget (%):</b>	16%		

**Budget by Phase:**

	Reservoir Rd PS Act 537 Planning	
<b>Phase Name:</b>		
<b>Phase Budget:</b>	\$	87,900.00
<b>Previously Invoiced:</b>	\$	72,964.25
<b>Current Invoice:</b>	\$	852.50
<b>Invoiced to Date (\$):</b>	\$	73,816.75
<b>Invoiced to Date (%):</b>		84%
<b>Remaining Budget (\$):</b>	\$	14,083.25
<b>Remaining Budget (%):</b>		16%

**Comments:** Prepared and issued revisions to certain Act 537 Plan pages to address PADEP's comments on flowrates, scheduling, and peak factors; continued coordination with U.S. Fish & Wildlife Service to obtain bog turtle habitat submission approval; and prepared list of effective durations for all expected permits and approvals.



# 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 #: 615123  
Invoice Date: 11/17/2014  
Project: EGMA1401  
Project Name: 2014 General Services

For Services Rendered through: 11/9/2014

Prepared for and attended October's MA meeting; prepared Engineer's Report for November's MA meeting.

Phase : \*\*\*\* -- Professional Services

Total Phase : \*\*\*\* -- Professional Services

Labor : 536.75  
Expense : 0.00  
Phase Total : 536.75

**Amount Due This Invoice**

**536.75**

Fee : 10,300.00  
Prior Billings : 8,589.50  
Current Billings : 536.75  
Total Billings : 9,126.25

Phase : \*\*\*\* -- Professional Services

Labor Class	Hours/ Units	Rate	Amount
Authority Engineer	4.75	113.00	536.75
<b>Labor Total:</b>	<b>4.75</b>		<b>536.75</b>

Total Phase : \*\*\*\* -- Professional Services

Labor : 536.75  
Expense : 0.00

Total Project : EGMA1401 -- 2014 General Services

Labor : 536.75  
Expense : 0.00

*OK RS 11/20*

East Goshen Municipal Authority  
EGMA1401 Invoice Summary  
Invoice Date 11/17/2014

<b>Project:</b>	EGMA1401		
<b>Pennoni Job No.:</b>	2014 General Services		
<b>Invoice No:</b>	<b>615123</b>		
<b>Invoice Period:</b>	10/13/2014	to	11/9/2014
<b>Initial Authorization:</b>	\$ 10,300.00	<b>Date:</b>	11/17/2014
<b>Contract Amount:</b>	\$ 10,300.00		
<b>Previously Invoiced:</b>	\$ 8,589.50		
<b>Current Invoice:</b>	\$ 536.75		
<b>Invoiced to Date (\$):</b>	\$ 9,126.25		
<b>Invoiced to Date (%):</b>	89%		
<b>Remaining Budget (\$):</b>	\$ 1,173.75		
<b>Remaining Budget (%):</b>	11%		

**Budget by Phase:**

<b>Phase Name:</b>	2014 General Services		
<b>Phase Budget:</b>	\$ 10,300.00		
<b>Previously Invoiced:</b>	\$ 8,589.50		
<b>Current Invoice:</b>	\$ 536.75		
<b>Invoiced to Date (\$):</b>	\$ 9,126.25		
<b>Invoiced to Date (%):</b>	89%		
<b>Remaining Budget (\$):</b>	\$ 1,173.75		
<b>Remaining Budget (%):</b>	11%		

**Comments:** Prepared for and attended October's MA meeting; prepared Engineer's Report for November's MA meeting.



**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 # : 615124  
Invoice Date : 11/17/2014  
Project : EGMA1402  
Project Name : 2014 Semi-Annual I&I Reports

For Services Rendered through: 11/9/2014

Cursory analysis of post-calibration meter data from October 1st-10th; and emailed findings and recommendations to Township.

Phase : \*\*\*\* -- Professional Services

Total Phase : \*\*\*\* -- Professional Services

Labor : 103.25  
Expense : 0.00  
Phase Total : 103.25

**Amount Due This Invoice**

103.25

Fee : 10,300.00  
Prior Billings : 9,759.50  
Current Billings : 103.25  
Total Billings : 9,862.75

Phase : \*\*\*\* -- Professional Services

**Labor**

<u>Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Authority Engineer	0.25	113.00	28.25
Graduate Engineer	1.00	75.00	75.00
<b>Labor Total:</b>	<b>1.25</b>		<b>103.25</b>

Total Phase : \*\*\*\* -- Professional Services

Labor : \$103.25  
Expense : \$0.00

Total Project : EGMA1402 -- 2014 Semi-Annual I&I Reports

Labor : \$103.25  
Expense : \$0.00

OK RS 11/20



East Goshen Municipal Authority  
EGMA1402 Invoice Summary  
Invoice Date 11/17/2014

**Project:** EGMA1402  
**Pennoni Job No.:** 2014 Semi-Annual I&I Reports  
**Invoice No:** 615124  
**Invoice Period:** 10/13/2014 to 11/9/2014  
**Initial Authorization:** \$ 10,300.00 **Date:** 11/17/2014  
**Contract Amount:** \$ 10,300.00  
**Previously Invoiced:** \$ 9,759.50  
**Current Invoice:** \$ 103.25  
**Invoiced to Date (\$):** \$ 9,862.75  
**Invoiced to Date (%):** 96%  
**Remaining Budget (\$):** \$ 437.25  
**Remaining Budget (%):** 4%

**Budget by Phase:**

	2014 Semi-Annual I&I Reports
<b>Phase Name:</b>	
<b>Phase Budget:</b>	\$ 10,300.00
<b>Previously Invoiced:</b>	\$ 9,759.50
<b>Current Invoice:</b>	\$ 103.25
<b>Invoiced to Date (\$):</b>	\$ 9,862.75
<b>Invoiced to Date (%):</b>	96%
<b>Remaining Budget (\$):</b>	\$ 437.25
<b>Remaining Budget (%):</b>	4%

**Comments:** Cursory analysis of post-calibration meter data from October 1st-10th; and emailed findings and recommendations to Township.

# Memo

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To: Municipal Authority  
From: Jon Altshul  
Re: MA November Financial Reports  
Date: December 4, 2014

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The Municipal Authority recorded \$2,130 in revenues, including one tap-in fee, and \$4,813 in engineering and legal expenses in November, a difference of -\$2,683. The fund balance is now \$1,603,120.

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

EAST GOSHEN TOWNSHIP  
 1580 PAOLI PIKE  
 WEST CHESTER, PA  
 Municipal Authority  
 November 2014

Account Title	Acct #	Annual Budget	Month To Date		Year To Date	
			Actual	Actual	Actual	Actual
<b>MUNICIPAL AUTHORITY BEGINNING FUND BALANCE</b>						
			1,605,803.49			
<b>RCSTP BUDGET</b>						
<b>REVENUE</b>						
INTEREST EARNED - RCSTP EXPANSION	07341 1020	2,000.00	127.61	1,444.99		
GRANT REVENUE	07392 0800	0.00	0.00	0.00		
<b>TOTAL REVENUE</b>		2,000.00	127.61	1,444.99		
<b>EXPENSES</b>						
R.C.-CAP. PROJ.-ENGINEER	07424 7451	0.00	0.00	0.00		
R.C. CAP EXPANSION GEN'L CONTRACTOR	07424 7452	0.00	0.00	0.00		
R.C. CAP EXPANSION - ELECTRICAL	07424 7453	0.00	0.00	0.00		
R.C. CAP EXP CONTINGENCY CAPITAL	07424 7454	0.00	0.00	0.00		
R.C. CAP EXP CONTINGENCY ONGOING	07424 7455	0.00	0.00	0.00		
R.C. CAP EXP ADDITIONAL CONTINGENCY	07424 7456	0.00	0.00	0.00		
TRANSFER TO SEWER SINKING FUND	07492 0550	0.00	0.00	0.00		
TRANSFER TO AUTHORITY CAP FUND	07492 0990	0.00	0.00	0.00		
<b>TOTAL EXPENSES</b>		0.00	0.00	0.00		
<b>RCSTP NET RESULT</b>		2,000.00	127.61	1,444.99		

EAST GOSHEN TOWNSHIP  
 1580 PAOLI PIKE  
 WEST CHESTER, PA  
 Municipal Authority  
 November 2014

Account Title	Acct #	Annual		Month To Date		Year To Date	
		Budget	Actual	Budget	Actual	Budget	Actual
<b>OPERATING BUDGET</b>							
REVENUE							
INTEREST EARNINGS	07341 1000	27.00	2.09	14.99			
C.C. TAPPING FEES	07364 1100	124,000.00	2,000.00	90,600.00			
R.C. TAPPING FEES	07364 1110	21,444.00	0.00	12,288.80			
CONNECTION FEES - SEWER	07364 1130	0.00	0.00	1,127.52			
MISCELLANEOUS REVENUE	07380 1000	0.00	0.00	564.48			
TRANSFER FROM SEWER OPERATING	07392 0500	0.00	0.00	21,000.00			
<b>TOTAL REVENUE</b>		<b>145,471.00</b>	<b>2,002.09</b>	<b>125,595.79</b>			
EXPENSES							
ADMINISTRATIVE WAGES	07424 1400	32,768.00	0.00	24,129.06			
MISCELLANEOUS EXPENSE	07424 3000	4,000.00	0.00	1,450.00			
MUNIC.AUTH.-AUDITING	07424 3110	10,800.00	0.00	10,800.00			
ENGINEERING SERVICES	07424 3130	35,525.00	3,997.25	32,259.00			
LEGAL SERVICES	07424 3140	7,000.00	540.00	7,060.00			
M.C.-DVRFA-DEBT SERVICE	07471 1000	22,120.00	0.00	0.00			
M.C.-DVRFA-INTEREST PAYMN	07472 1000	5,115.00	0.00	0.00			
M.C.-DVRFA-INTEREST PAYMN	07472 1010	0.00	0.00	0.00			
<b>TOTAL EXPENSES</b>		<b>117,328.00</b>	<b>4,537.25</b>	<b>75,698.06</b>			
<b>OPERATING NET RESULT</b>		<b>28,143.00</b>	<b>(2,535.16)</b>	<b>49,897.73</b>			

EAST GOSHEN TOWNSHIP  
 1580 PAOLI PIKE  
 WEST CHESTER, PA  
 Municipal Authority  
 November 2014

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
<b>CAPITAL BUDGET</b>				
REVENUE				
LOAN PROCEEDS-SEWER PROJECT	07393 1001	0.00	0.00	0.00
TRANSFER FROM SEWER CAP RESERVE	07392 0900	0.00	0.00	0.00
TOTAL REVENUE		0.00	0.00	0.00
EXPENSES				
MARYDELL PUMP STATION - ENGINEER	07425 1000	0.00	0.00	0.00
MARYDELL PUMP STATION -CONSTRUCTION	07425 2000	0.00	0.00	0.00
MANHOLE COVER REPLACEMENTS	07424.7405	0.00	0.00	0.00
C.C. CAPITAL - COLLECTION	07424.7420	0.00	0.00	0.00
LOCHWOOD ABANDONMENT ENGINEER	07424 7475	0.00	0.00	0.00
LOCHWOOD ABANDONMENT CONSTRUCTION	07424 7476	0.00	0.00	0.00
LOCHWOOD ELIMINATION PHASE 2	07424 7477	0.00	0.00	0.00
HERSHEY MILL STATION - ENGINEER	07426 1000	0.00	0.00	0.00
HERSHEY MILL STATION - CONSTRUCTION	07426 2000	0.00	0.00	0.00
RESERVE PUMP STATION - ENGINEER	07427 1000	0.00	28.25	1,883.50
RESERVE PUMP STATION - CONSTRUCTION	07427 2000	0.00	0.00	6,323.20
RESERVOIR PUMP STATION - ENGINEER	07428 1000	75,000.00	247.50	38,286.25
RESERVOIR PUMP STATION CONSTRUCTION	07428 2000	0.00	0.00	0.00
TOTAL EXPENSES		75,000.00	275.75	46,492.95
<b>CAPITAL NET RESULT</b>		<b>(75,000.00)</b>	<b>(275.75)</b>	<b>(46,492.95)</b>
<b>MUNICIPAL AUTHORITY ENDING FUND BALANCE</b>			<b>1,603,120.19</b>	

MGRP18 run by BRIAN

9 : 12 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07341-1000						0.00				
	INTEREST		EARNINGS							
	1401	JE	41027		0.58		02/04/14	INTEREST		INTEREST EARNED JANUARY 2014 07 FUND
				0.00	0.58	-0.58				
	1402		41391		1.33		03/04/14	INTEREST		INTEREST EARNED FEBRUARY 2014 07100.1000
				0.00	1.33	-1.91				
	1403		41840		1.71		04/01/14	INTEREST		INTEREST EARNED MARCH 2014 07 FUND
				0.00	1.71	-3.62				
	1404		42321		1.21		05/02/14	INTEREST		INTEREST EARNED APRIL 2014 07100.1000
				0.00	1.21	-4.83				
	1405		42739		0.90		06/02/14	INTEREST		INTEREST EARNED MAY 2014 07100.1000
				0.00	0.90	-5.73				
	1406		43211		0.75		07/01/14	INTEREST		INTEREST EARNED JUNE 2014 07100.1000
				0.00	0.75	-6.48				
	1407		43716		1.11		08/04/14	INTEREST		INTEREST EARNED JULY 2014 07 FUND
				0.00	1.11	-7.59				
	1408		44102		1.62		09/03/14	INTEREST		INTEREST EARNED AUGUST 2014 07100.1000
				0.00	1.62	-9.21				
	1409		44521		1.53		10/01/14	INTEREST		INTEREST EARNED SEPTEMBER 2014 07100.1000
				0.00	1.53	-10.74				
	1410		45013		2.16		11/03/14	INTEREST		INTEREST EARNED OCTOBER 2014 07100.1000
				0.00	2.16	-12.90				
	1411		45392		2.09		12/03/14	INTEREST		INTEREST EARNED NOVEMBER 2014 07 FUND
				0.00	2.09	-14.99				
				0.00	14.99	-14.99				
07341-1020						0.00				INTEREST EARNED - RCSTP EXPANSION

MGRP18 run by BRIAN 9 : 12 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
1401	JE		41028		137.33		02/04/14	INTEREST		INTEREST EARNED JANUARY 2014 07 CONSTRUCTION FUND
				0.00	137.33	-137.33				
1402			41392		123.56		03/04/14	INTEREST		INTEREST EARNED FEBRUARY 2014 07 CONSTRUCTION FUND
				0.00	123.56	-260.89				
1403			41841		136.07		04/01/14	INTEREST		INTEREST EARNED MARCH 2014 07 CONSTRUCTION FUND
				0.00	136.07	-396.96				
1404			42322		131.45		05/02/14	INTEREST		INTEREST EARNED APRIL 2014 CONSTRUCT.FUNDS
				0.00	131.45	-528.41				
1405			42740		134.59		06/02/14	INTEREST		INTEREST EARNED MAY 2014 07 FUND - CONSTRUCTION
				0.00	134.59	-663.00				
1406			43212		129.00		07/01/14	INTEREST		INTEREST EARNED JUNE 2014 07 CONSTRUCTION FUNDS
				0.00	129.00	-792.00				
1407			43718		132.61		08/04/14	INTEREST		INTEREST EARNED JULY 2014 07 CONTRUC.FUND
				0.00	132.61	-924.61				
1408			44103		132.27		09/03/14	INTEREST		INTEREST EARNED AUGUST 2014 07 CONSTRUCTION FUND
				0.00	132.27	-1,056.88				
1409			44522		128.30		10/01/14	INTEREST		INTEREST EARNED SEPTEMBER 2014 07 CONSTRUCTION FUND
				0.00	128.30	-1,185.18				
1410			45014		132.20		11/03/14	INTEREST		INTEREST EARNED OCTOBER 2014 07 CONSTRUCTION FUND
				0.00	132.20	-1,317.38				
1411			45392		127.61		12/03/14	INTEREST		INTEREST EARNED NOVEMBER 2014 07 FUND
				0.00	127.61	-1,444.99				
				0.00	1,444.99	-1,444.99				
07364-1100	C.C.		TAPPING FEES			0.00				
1401	CR		40976		12,600.00		01/31/14	3034	8069	1 GOSHEN MEADOWS INVESTORS L.P.

MGRP18 run by BRIAN 9 : 12 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
				0.00	12,600.00	-12,600.00				
1402		41258			5,400.00		02/24/14	3553	8069	1 GOSHEN MEADOWS INVESTORS L.P.
	RE	41263			2,000.00		02/24/14	41263 1		TAP IN FEE - 211 ELLIS LANE
				0.00	7,400.00	-20,000.00				
1405		42661			2,000.00		05/29/14	42661 1		TAP IN FEE FOR 195 WYLLPEN PL
				0.00	2,000.00	-22,000.00				
1407	CR	43276			21,600.00		07/03/14	21	8069	1 GOSHEN MEADOWS INVESTORS L.P.
		43434			21,600.00		07/21/14	26	8069	1 GOSHEN MEADOWS INVESTORS L.P.
	RE	43312			1,800.00		07/08/14	43312 1		TAP IN FEE FOR 1637 MANLEY RD
				0.00	45,000.00	-67,000.00				
1409	CR	44456			21,600.00		09/26/14	46	8069	1 GOSHEN MEADOWS INVESTORS L.P.
				0.00	21,600.00	-88,600.00				
1411	RE	45089			2,000.00		11/06/14	45089 1		TAP IN FEE FOR 610A RESERVOIR
				0.00	2,000.00	-90,600.00				
				0.00	90,600.00	-90,600.00				
07364-1110	R.C.TAPPING FEES					0.00				
1402		41280			2,000.00		02/25/14	41280 1		TAP IN FEE-903 SORELL HILL LT2
				0.00	2,000.00	-2,000.00				
1403		41553			2,000.00		03/13/14	41553 1		TAP IN FEE FOR 909 SORRELL LT4
		41608			2,000.00		03/17/14	41608 1		TAP IN FEE-905 SORRELL LOT 3
				0.00	4,000.00	-6,000.00				
1405	CR	42355			4,288.80		05/06/14	130	6499	1 BOWER, JUDITH
				0.00	4,288.80	-10,288.80				
1410	RE	44714			2,000.00		10/15/14	44714 1		TAP IN FEE FOR 1117 TAYLOR AVE
				0.00	2,000.00	-12,288.80				
				0.00	12,288.80	-12,288.80				
07364-1130	CONNECTION FEES - SEWER					0.00				
1402	CR	41044			423.00		02/04/14	350	8035	1 JACOBS, ROBERT & CHERYL
		41124			423.00		02/14/14	774	8033	1 GEORGE SMITH & CHRISTINA CONLE
	JE	41045		141.12			02/04/14	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
		41125		141.12			02/14/14	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
				282.24	846.00	-563.76				
1403	CR	41402			423.00		03/04/14	2307	8034	1 STOFFLET, MICHAEL



MGRP18 run by BRIAN 9 : 12 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07364-1130	1403	JE	41407	141.12			03/04/14	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
				141.12	423.00	-845.64				
	1405	CR	42378		423.00		05/07/14	1021	8036 1	PAPPANO, JOSEPH & PATRICIA
		JE	42380	141.12			05/07/14	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
				141.12	423.00	-1,127.52				
				564.48	1,692.00	-1,127.52				
07380-1000			MISCELLANEOUS REVENUE			0.00				
	1402		41045		141.12		02/04/14	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
			41125		141.12		02/14/14	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
				0.00	282.24	-282.24				
	1403		41407		141.12		03/04/14	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
				0.00	141.12	-423.36				
	1405		42380		141.12		05/07/14	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
				0.00	141.12	-564.48				
				0.00	564.48	-564.48				
07392-0500			TRANSFER FROM SEWER OPERATING			0.00				
	1401		40674		1,000.00		01/08/14	DEPOSIT		DEPOSIT \$ INTO MA GENERAL FROM 05 FUND
			40747		20,000.00		01/14/14	XFER		XFER \$ FROM SEWER TO MA TO COVER EXPENSES
				0.00	21,000.00	-21,000.00				
				0.00	21,000.00	-21,000.00				
07424-1400			ADMINISTRATIVE WAGES			0.00				
	1403	CD	41815	8,043.02			03/31/14	2237		425 EAST GOSHEN TOWNSHIP - GENERAL 1ST QTR.2014 MUN.AUTH. REIMBURSM
				8,043.02	0.00	8,043.02				
	1406		43192	8,043.02			06/30/14	2243		425 EAST GOSHEN TOWNSHIP - GENERAL 2ND QTR.2014 MUN. AUTH. REIMBURSM
				8,043.02	0.00	16,086.04				
	1409		44443	8,043.02			09/26/14	2252		425 EAST GOSHEN TOWNSHIP - GENERAL 3RD QTR.2014 MUN.AUTH. REIMBURSM
				8,043.02	0.00	24,129.06				

MGRP18 run by BRIAN 9 : 12 AM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
				24,129.06	0.00	24,129.06				
07424-3000	MISCELLANEOUS EXPENSE					0.00				
1401		40597		500.00			01/06/14	2228	2737	DEP - COMMONWEALTH OF PA NPDES PERMITS - CHAPTER 92A 2014
				950.00			01/06/14	2229	2132	PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOC 2014 ACTIVE MEMBERSHIP DUES
		***		1,450.00	0.00	***				
				1,450.00	0.00	1,450.00				
				1,450.00	0.00	1,450.00				
07424-3110	MUNIC.AUTH.-AUDITING					0.00				
1407		43405		10,800.00			07/16/14	2246	808	MAILLIE FALCONIERO & CO. 2013 FINANCIAL STMTS. EXAMINATIO
				10,800.00	0.00	10,800.00				
				10,800.00	0.00	10,800.00				
07424-3130	ENGINEERING SERVICES					0.00				
1401		40653		-663.75			01/06/14	2224	1052	PENNONI ASSOCIATES INC. VOID CK. DUE TO PRINTER PROBLEM
		40743		663.75			01/14/14	2230	1052	PENNONI ASSOCIATES INC. SERVICES THRU 12/8/13 GENERAL S
	JE	40746			1,845.00		01/14/14	REFUND		PENNONI REFUND DUE TO DUPLICATE PAYMENT
				0.00	1,845.00	-1,845.00				
1402	CD	41103		2,236.50			02/11/14	2233	1052	PENNONI ASSOCIATES INC. SERVICES THROUGH 1/12/14 GEN.SER
				2,236.50	0.00	391.50				
1403		41540		6,887.25			03/12/14	2236	1052	PENNONI ASSOCIATES INC. SERVICES THRU 2/9/14 2013 CHAP.
				6,887.25	0.00	7,278.75				
1404		42153		8,808.25			04/23/14	2239	1052	PENNONI ASSOCIATES INC. SERVICES THRU 3/16/14 CHAP.94 RE
				8,808.25	0.00	16,087.00				
1405		42462		6,198.50			05/14/14	2241	1052	PENNONI ASSOCIATES INC. SERVICES THRU 4/13/14 2013 CHAP.
				6,198.50	0.00	22,285.50				

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07424-3130	1406	CD	42952	3,004.75			06/12/14	2242	1052	PENNONI ASSOCIATES INC. SERV.THRU 5/11/14 2014 SEMI-ANN
				3,004.75	0.00	25,290.25				
1407		43405		1,521.25			07/16/14	2247	1052	PENNONI ASSOCIATES INC. SERVICES THRU 6/15/14 GEN.SERVIC
				1,521.25	0.00	26,811.50				
1408		43811		169.50			08/12/14	2249	1052	PENNONI ASSOCIATES INC. SERV.THRU 7/13/14 2014 SEMI-ANN I&I
				169.50	0.00	26,981.00				
1409		44268		556.00			09/16/14	2250	1052	PENNONI ASSOCIATES INC. SERVICES THRU 8/10/14 2014 GEN.S
				556.00	0.00	27,537.00				
1410		44708		724.75			10/14/14	2253	1052	PENNONI ASSOCIATES INC. SERVICES THRU 9/14/14 SEMI ANN.
				724.75	0.00	28,261.75				
1411		45163		3,997.25			11/14/14	2256	1052	PENNONI ASSOCIATES INC. SERVICE THRU 10/12/14 GEN. SERV
				3,997.25	0.00	32,259.00				
				34,104.00	1,845.00	32,259.00				
07424-3140			LEGAL SERVICES			0.00				
1402		41310		800.00			02/27/14	2234	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICES - NOV.2013 GEN.AU
				800.00	0.00	800.00				
1403		41540		700.00			03/12/14	2235	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE - FEB.2014 GEN.AUT
				700.00	0.00	1,500.00				
1404		42074		960.00			04/16/14	2238	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE - MARCH 2014 GEN.A
				960.00	0.00	2,460.00				
1405		42462		1,300.00			05/14/14	2240	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE APRIL 2014 GEN.AUT
				1,300.00	0.00	3,760.00				
1407		43291		520.00			07/07/14	2244	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE MAY 2014 - GEN.AUT
		43405		1,480.00			07/16/14	2245	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE JUNE 2014 - GEN.AU

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				2,000.00	0.00	5,760.00				
1408		43811		80.00			08/12/14	2248	528	GANTHROP GREENWOOD & HALSTED LEGAL SERVICE 7/3-7/14/14 GEN.AU
				80.00	0.00	5,840.00				
1409		44372		400.00			09/22/14	2251	528	GANTHROP GREENWOOD & HALSTED LEGAL SERVICE 8/11/14 GEN. AUTH.
				400.00	0.00	6,240.00				
1410		44899		280.00			10/23/14	2254	528	GANTHROP GREENWOOD & HALSTED LEGAL SERVICE SEPT.2014 GEN.AUT
				280.00	0.00	6,520.00				
1411		45163		540.00			11/14/14	2255	528	GANTHROP GREENWOOD & HALSTED LEGAL SERV. 10/8-10/13/14 GEN.AU
				540.00	0.00	7,060.00				
				7,060.00	0.00	7,060.00				
07424-7460						0.00				
	1401		40739	1,290.00			01/14/14	10012	2695	BRICKHOUSE ENVIRONMENTAL LOCHWOOD CHASE PROJECT - DEC.201
			40744	-1,290.00			01/14/14	10012	2695	BRICKHOUSE ENVIRONMENTAL VOID CK. - INCORRECT CASH ACCT.U
			40745	1,290.00			01/14/14	2231	2695	BRICKHOUSE ENVIRONMENTAL LOCHWOOD CHASE PROJECT - DEC. 20
	JE	40820			1,290.00		01/22/14	DEPOSIT		DEPOSIT TO REIMBURSE 07 MA FOR 05 EXPENSE
				1,290.00	1,290.00	0.00				
				1,290.00	1,290.00	0.00				
07427-1000						0.00				
	1405 CD		42462	197.25			05/14/14	2241	1052	PENNONI ASSOCIATES INC. SERV.THRU 4/123/14 RESERVE PS
				197.25	0.00	197.25				
1406		42888		7,316.82			06/11/14	10019	3133	SMITH INC., RONALD APPLIC.# 3 RESERVE PS DIVERSION
			42952	619.75			06/12/14	2242	1052	PENNONI ASSOCIATES INC. SERVICE THRU 5/11/14 RESERVE PS
			43217	-7,316.82			06/30/14	10019	3133	SMITH INC., RONALD VOID CK.10019 PAYMENT AMT.TO BE REDUCED
				619.75	0.00	817.00				

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07427-1000	1407	CD	43229	3,658.41			07/02/14	10020	3133	SMITH INC., RONALD
			43405	309.00			07/16/14	2247	1052	PENNONI ASSOCIATES INC. SERVICES THRU 6/15/14 RESERVE PS DIVERSION CONSTRUCTION
				3,967.41	0.00	4,784.41				
1408		43811		476.75			08/12/14	2249	1052	PENNONI ASSOCIATES INC. SERV.THURU 7/13/14 RESERVE PS DI CONSTRUCTION
				476.75	0.00	5,261.16				
1409		44268		111.25			09/16/14	2250	1052	PENNONI ASSOCIATES INC. SERVICES THRU 8/10/14 RESERVE PS
				111.25	0.00	5,372.41				
1410		44708		141.25			10/14/14	2253	1052	PENNONI ASSOCIATES INC. SERVICES THRU 9/14/14 RESERVE P
	JE	44565			3,658.41		10/03/14	RECLASS		RECLASS TRX.43229 - RON SMITH INC. CHECK # 10020
				141.25	3,658.41	1,855.25				
1411	CD	45163		28.25			11/14/14	2256	1052	PENNONI ASSOCIATES INC. SERV. THRU 10/12/14 RESERVE PS D
				28.25	0.00	1,883.50				
				5,541.91	3,658.41	1,883.50				
07427-2000						0.00				RESERVE PUMP STATION - CONSTRUCTION
1410		44656		2,664.79			10/09/14	10026	3133	SMITH INC., RONALD FINAL PAYMENT- RESERVE PUMP STAT
	JE	44565		3,658.41			10/03/14	RECLASS		RECLASS TRX.43229 - RON SMITH INC. CHECK # 10020
				6,323.20	0.00	6,323.20				
				6,323.20	0.00	6,323.20				
07428-1000						0.00				RESERVOIR PUMP STATION - ENGINEER
1402	CD	41107		10,687.50			02/11/14	10013	1052	PENNONI ASSOCIATES INC. SERV.THROUGH 1/12/14 RESERVE PS
				10,687.50	0.00	10,687.50				
1403		41541		4,431.25			03/12/14	10014	1052	PENNONI ASSOCIATES INC. SERV.THURU 2/9/14 RESERV.RD. PS
				4,431.25	0.00	15,118.75				

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07428-1000	1404	CD	42154	5,909.00			04/23/14	10015	1052	PENNONI ASSOCIATES INC. SERVICES THRU 3/16/14 RESERV.RD
				5,909.00	0.00	21,027.75				
1405			42463	4,724.50			05/14/14	10016	1052	PENNONI ASSOCIATES INC. SERV. THRU 4/13/14 RESERVOIR RD.
			42514	3,150.00			05/16/14	10017	3312	CONESTOGA & ASSOCIATES PROF.SERVICE THRU 3/30/14 RESERV RD. PS - BOG TURTLE HABITAT
				7,874.50	0.00	28,902.25				
1406			42888	5,761.25			06/11/14	10018	1052	PENNONI ASSOCIATES INC. SERV.THRU 5/11/14 RESERVOIR RD.
				5,761.25	0.00	34,663.50				
1407			43406	430.00			07/16/14	10021	1052	PENNONI ASSOCIATES INC. SERV.THRU 6/15/14 RESERVOIR RD.
			43421	100.00			07/18/14	10022	3353	COMMONWEALTH FINANCING AUTHORITY GRANT APPLICATION FOR DCED SEWAG FACILITIES GRANT FOR ACT 537 PLANNING FOR RESERVOIR RD P/S
				530.00	0.00	35,193.50				
1408			43810	1,208.75			08/12/14	10023	1052	PENNONI ASSOCIATES INC. SERV.THRU 7/13/14 RESERVOIR RD P ACT 537 PLANNING
				1,208.75	0.00	36,402.25				
1409			44269	414.00			09/16/14	10024	3312	CONESTOGA-ROVERS & ASSOCIATES PROF.SERV.THRU 7/27/14 BOG TURLT HABITAT ASSESSMENT
				781.25			09/16/14	10025	1052	PENNONI ASSOCIATES INC. SERV.THRU 8/10/14 RESERVOIR RD P
			***	1,195.25	0.00	***				
				1,195.25	0.00	37,597.50				
1410			44709	441.25			10/14/14	10027	1052	PENNONI ASSOCIATES INC. SERV.THRU 9/14/14 RESERVOIR RD.
				441.25	0.00	38,038.75				
1411			45187	247.50			11/17/14	10028	1052	PENNONI ASSOCIATES INC. SERV.THRU 10/12/14 RESERVOIR RD
				247.50	0.00	38,286.25				
				38,286.25	0.00	38,286.25				
Beg Bal			0.00	129,548.90	134,398.67	-4,849.77				

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