

EAST GOSHEN MUNICIPAL AUTHORITY

July 14, 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
 - d. East Goshen Township Flows for June 2014

3. APPROVAL OF MINUTES
 - a. June 9, 2014

4. APPROVAL OF INVOICES

a. Pennoni	Invoice #594993	\$ 309.00
b. Pennoni	Invoice #594994	\$ 430.00
c. Pennoni	Invoice #594995	\$1,521.25
d. Gawthrop	Invoice #121393	\$2,000.00
e. Maillie	Invoice #1000036708	\$10,800.00

5. LIAISON REPORTS
6. FINANCIAL REPORTS
 - a. June 2014 Report
 - b. 2013 Audit Report from Maillie

7. OLD BUSINESS
 - a.

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 is included in the packet. June 9 – Changed “lease” to “leasee” 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
Need by 10/31/14

- 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**
- 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.
 - 1st Quarter (March) – **Jack- Completed**
 - 2nd Quarter (June) – **Ed- Completed**
 - 3rd Quarter (September)
 - 4th Quarter (December)
- f. Respond to capacity requests in 45 days or less.
211 Ellis Lane – 1 EDU existing house, 195 Wyllpen Place – 1 EDU existing house
- g. Continue to implement I & I Plan **April 14 – Status Report received**
- h. Operate RCSTP in compliance with NPDES Permit
January, February, March, May,

9. NEW BUSINESS

10. CAPACITY REQUESTS

- a. 3 Lucas Lane - Willistown Township (44 EDUs)

11. ANY OTHER MATTER

12. CORRESPONDENCE AND REPORTS OF INTEREST

- a. Minor Act 537 Plan Update Revision

13. PUBLIC COMMENT

14. ADJOURNMENT

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

July 11, 2014

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

Meters: All meters were read on a daily basis. We are waiting on Allied Control to schedule the installation of the portable meters.

C.C. Collection: The pump stations were visited on a daily basis. All pumps were pulled for routine maintenance at each station. Ashbridge pump station was on emergency power for 3 days.

R.C. Collection: The Hunt Country pump station was on emergency power for three days due to a power failure.

R.C. Plant: We reinstalled pump 3 at the list station. Apple Brook pumps were turned on last week.

INI: Pipe Data View will be in the last week of July to clean and televise.

Alarms: We responded to 37 alarms for the month of May.

PA One Calls: We received 119 PA One calls in May.



MEMORANDUM

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

FROM: Michael Ellis, P.E.
Authority Engineer

DATE: July 10, 2014

SUBJECT: Engineer's Report

Invoices

- Invoices with summaries are provided under separate cover.

Reserve Pump Station Elimination

- We coordinated with the contractor to perform the outstanding site-work punchlist items: removal of the filter sock along the creek and re-topsoiling & re-seeding the lawn area at the old pump station driveway and building. We performed an inspection of the work after it was completed. We are still awaiting resubmission of as-built plans with surveyed manhole elevations.

Reservoir Road Pump Station Act 537 Plan

- We revised the construction schedule (see attached) in the Act 537 Plan to address West Goshen's comments for compliance with the intermunicipal agreement.
- We received Act 537 Plan review forms from the East Goshen Municipal Authority, East Goshen Township Planning Commission, and Chester County Health Department. We are awaiting Act 537 Plan review forms to be completed and returned from the West Goshen Township Planning Commission and Chester County Planning Commission. Reviews were due by July 9.
- It is our understanding that the West Goshen Sewer Authority approved the Act 537 at their meeting on July 3 and that they will be sending an approval letter.
- We received feedback from the U.S. Fish & Wildlife Service (USFWS) on the Phase 1 bog turtle habitat survey report. To address their comments, we revised the plans and Act 537 narrative to propose the Chester Creek stream crossing be constructed via open cut instead of the previously proposed directional drilling. We provided the plans to Conestoga-Rovers & Associates to resubmit to USFWS for approval. We expect to receive USFWS approval the week of July 14-18.

- Tentative Act 537 Planning schedule:

	<u>Estimated Date</u>
○ County and Township Agency Review Comments Due	July 9, 2014
○ Complete Plan Revisions to Address Agency Comments	July 14, 2014
○ Begin 30-Day Public Comment Period.....	July 17, 2014
○ USFWS Bog Turtle Habitat Formal Approval/Comments.....	July 18, 2014
○ End 30-Day Public Comment Period.....	August 15, 2014
○ East Goshen Township Adoption	August 19, 2014
○ Submission to PADEP	August 22, 2014
○ PADEP Review and Approval (120 days).....	December 21, 2014

New Sewer Connections

- We completed a review of the revised design plans and report submission for a new private wastewater pump station for Acero Precision at 1340 Enterprise Drive, issued a comment letter, and discussed comments with the design consultant.

Fairway Village Manhole Lining

- Abel Recon performed the construction demonstration of the SprayWall monolithic polyurethane interior manhole lining system on June 10, 2014.

Sewer Ordinance and Detail Updates

- We prepared draft updates to the Township's building sewer/lateral connection detail and sanitary sewer ordinance text.

East Goshen Township, Chester County
 Minor Act 537 Plan Update Revision
 Reservoir Road Pump Station

Section N - Project Implementation Schedule

East Goshen Municipal Authority proposes the implementation schedule in Table N.1 with milestone dates for system design and permitting. The dates for bidding, construction, and activation of the pump station will be determined based upon actual future flows in order to maintain compliance with the intermunicipal agreement with West Goshen Township.

Table N.1 - Implementation Schedule

Project Milestone	Tentative Dates
Submit Act 537 Plan Update Revision to PADEP	August 2014
PADEP Approval of Act 537 Plan Update Revision	December 2014
Submit WQM Part II Application to PADEP	August 2015
PADEP Approval of WQM Part II Permit	December 2015
Construction Bidding	TBD ⁽¹⁾
Award Construction Contract	2 months after bidding
Begin Construction	3 months after bidding
Complete Construction	9 months after bidding
Pump Station Activation	TBD ⁽²⁾

⁽¹⁾ The construction contract bidding period will occur no sooner than after two consecutive quarters in which East Goshen Township's average daily flow to West Goshen Township (as measured at the Westtown Way Meter in the Chester Creek Interceptor) exceeds 950,000 gpd. Initiation of bidding and construction at an average daily flow of 950,000 gpd is projected to put East Goshen in position to have a pump station that is fully constructed and ready for operation when flows exceed 1,000,000 gpd.

⁽²⁾ The pump station will not be permanently activated and placed into service until the intermunicipal flow exceeds 1,000,000 gpd.

2013 FLOWMETERS

2014 JUNE 2ND QUARTER- METERS FROM WEST GOSHEN - CC COLLECTION

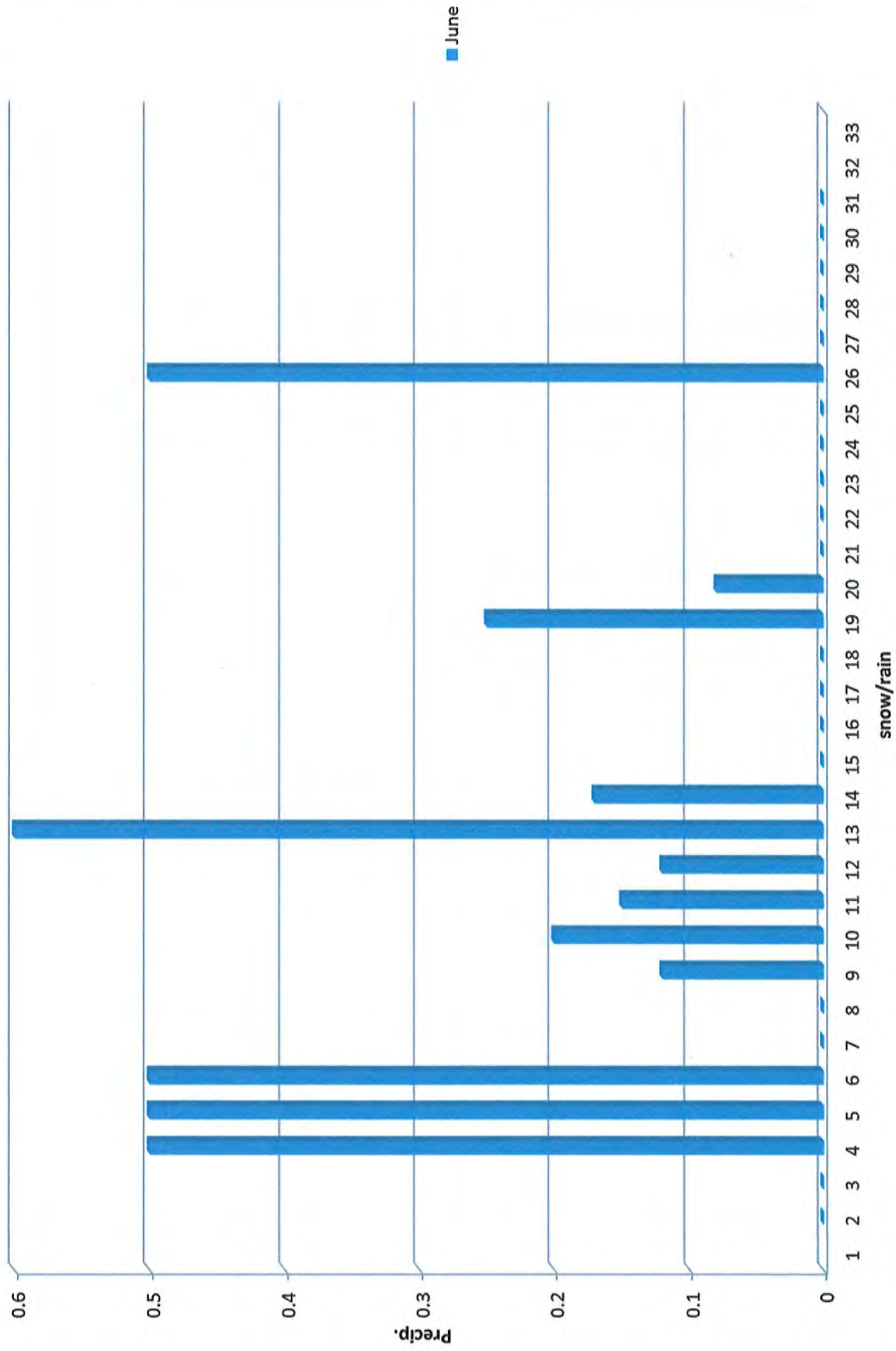
DATE	HERSHEY'S MILL		ASHBRIDGE		HICKS METER		RESERVOIR		BARKWAY	
	READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD
06/01/14										
06/02/14	13,892,766	844,980	1,910,960	76,933	12,383,130	241,827	49,382,773	704,277	3,244,928	12,740
06/03/14	13,973,302	805,360	1,911,711	75,100	12,411,738	286,080	49,459,286	765,130	3,246,139	12,110
06/04/14	14,052,321	790,190	1,912,449	73,800	12,440,349	286,110	49,535,210	759,240	3,247,376	12,370
06/05/14	14,129,920	775,990	1,913,150	70,100	12,469,339	289,900	49,610,455	752,450	3,248,470	10,940
06/06/14	14,205,349	754,290	1,913,865	71,500	12,498,042	287,030	49,685,285	748,300	3,249,650	11,800
06/07/14										
06/08/14										
06/09/14	14,429,353	746,680	1,915,988	70,767	12,569,804	239,207	49,878,763	644,927	3,253,282	12,107
06/10/14	14,501,388	720,350	1,916,687	69,900	12,601,110	313,060	49,955,075	763,120	3,254,427	11,450
06/11/14										
06/12/14	14,644,497	715,545	1,918,055	68,400	12,664,772	318,310	50,109,804	773,645	3,256,723	11,480
06/13/14	14,714,182	696,850	1,918,750	69,500	12,698,765	339,930	50,196,110	863,060	3,257,833	11,100
06/14/14										
06/15/14										
06/16/14	14,931,790	725,360			12,776,731	259,887	50,410,235	713,750	3,261,331	11,660
06/17/14	15,002,196	704,060	1,921,496	68,650	12,806,383	296,520	50,485,347	751,120	3,262,443	11,120
06/18/14	15,070,442	682,460	1,922,141	64,500	12,837,547	311,640	50,562,434	770,870	3,263,467	10,240
06/19/14	15,139,453	690,110	1,922,805	66,400	12,869,040	314,930	50,642,831	803,970	3,264,417	9,500
06/20/14	15,209,999	705,460	1,923,485	68,000	12,899,149	301,090	50,720,081	772,500	3,265,379	9,620
06/21/14										
06/22/14										
06/23/14	15,414,318	681,063	1,925,408	64,100	12,972,787	245,460	50,919,687	665,353	3,268,612	10,777
06/24/14	15,480,065	657,470	1,926,059	65,100	13,003,948	311,610	50,995,650	759,630	3,269,699	10,870
06/25/14	15,546,727	666,620	1,926,680	62,100	13,033,905	299,570	51,068,672	730,220	3,270,746	10,470
06/26/14										
06/27/14	15,678,404	658,385	1,927,951	63,550	13,091,867	289,810	51,218,623	749,755	3,272,784	10,190
06/28/14										
06/29/14										
06/30/14	15,864,974	621,900	1,929,802	61,700	13,160,040	227,243	51,415,330	655,690	3,275,780	9,987
		718,059		68,339		287,327		744,579		11,081
	13,643,123			1,230,100		5,459,213		14,147,007		210,530
		19		18		19		19		19

2014 SUMMARY OF METER READINGS

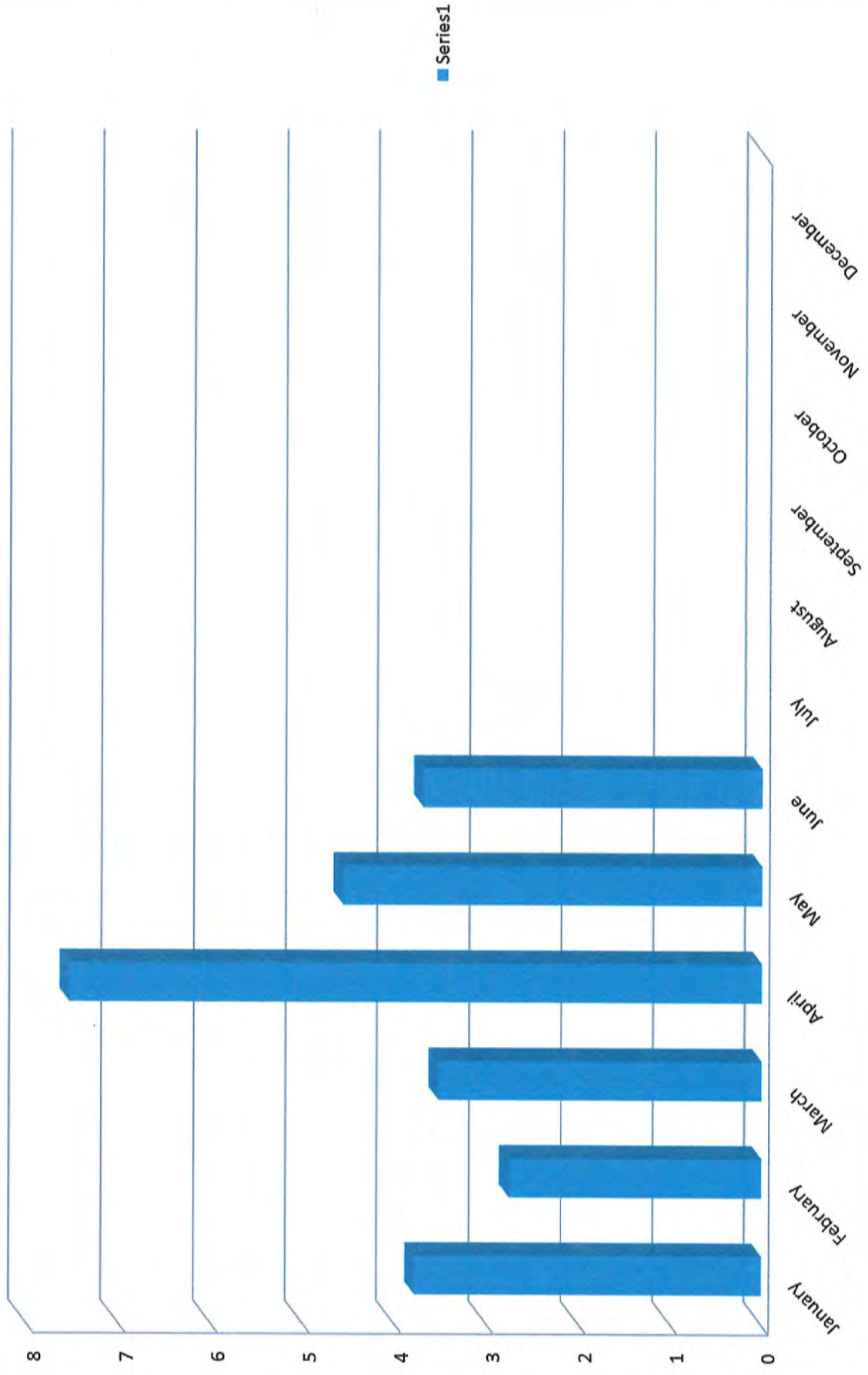
	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT	HERSHEY MILL	ASHBRIDGE	HICKS	RESERVOIR	BARKWAY
JANUARY	1,120,955	112,631	63,436	80,890	24,000			255,116	795,376	
FEBRUARY	1,249,173	138,449	68,472	88,803	24,000			287,831	881,433	
MARCH	1,182,533	126,933	67,479	84,197	24,000	860,074	75,186	291,520	827,109	28,696
APRIL	1,242,798	143,329	76,736	88,674	24,000	1,029,229	79,139	300,256	806,253	12,331
MAY	1,542,161	175,112	95,766	94,501	24,000	1,337,536	117,391	357,808	937,139	20,786
JUNE	1,117,632	118,019	66,596	96,366	24,000	718,059	68,339	287,327	744,579	11,081
JULY										
AUGUST										
SEPTEMBER										
OCTOBER										
NOVEMBER										
DECEMBER										
Total Flows										
Monthly Ave	1,242,542	135,746	73,081	88,905	24,000	986,225	85,014	296,643	831,982	18,224

To
West Goshen 944,811

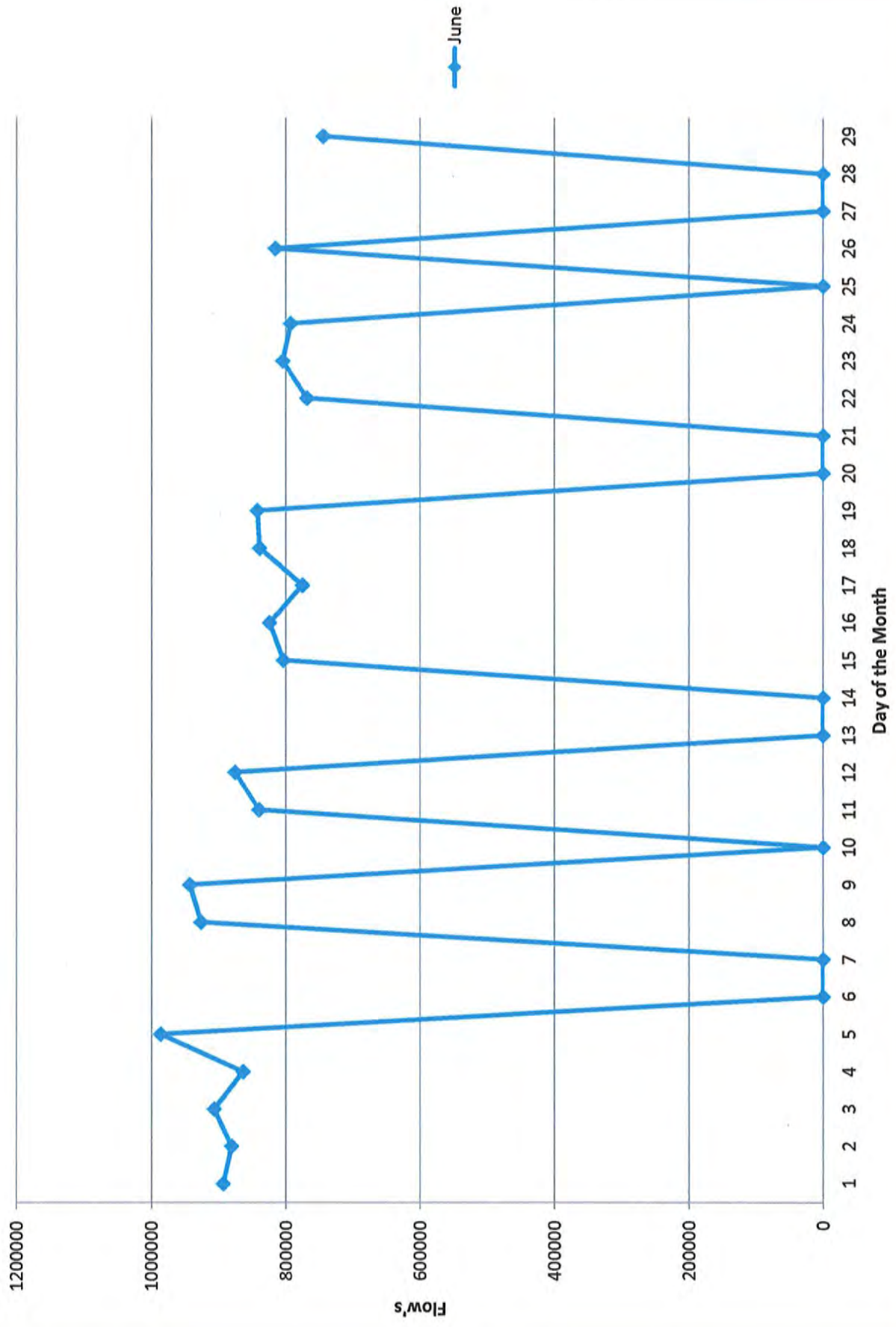
June Precip. 3.69 - 2014



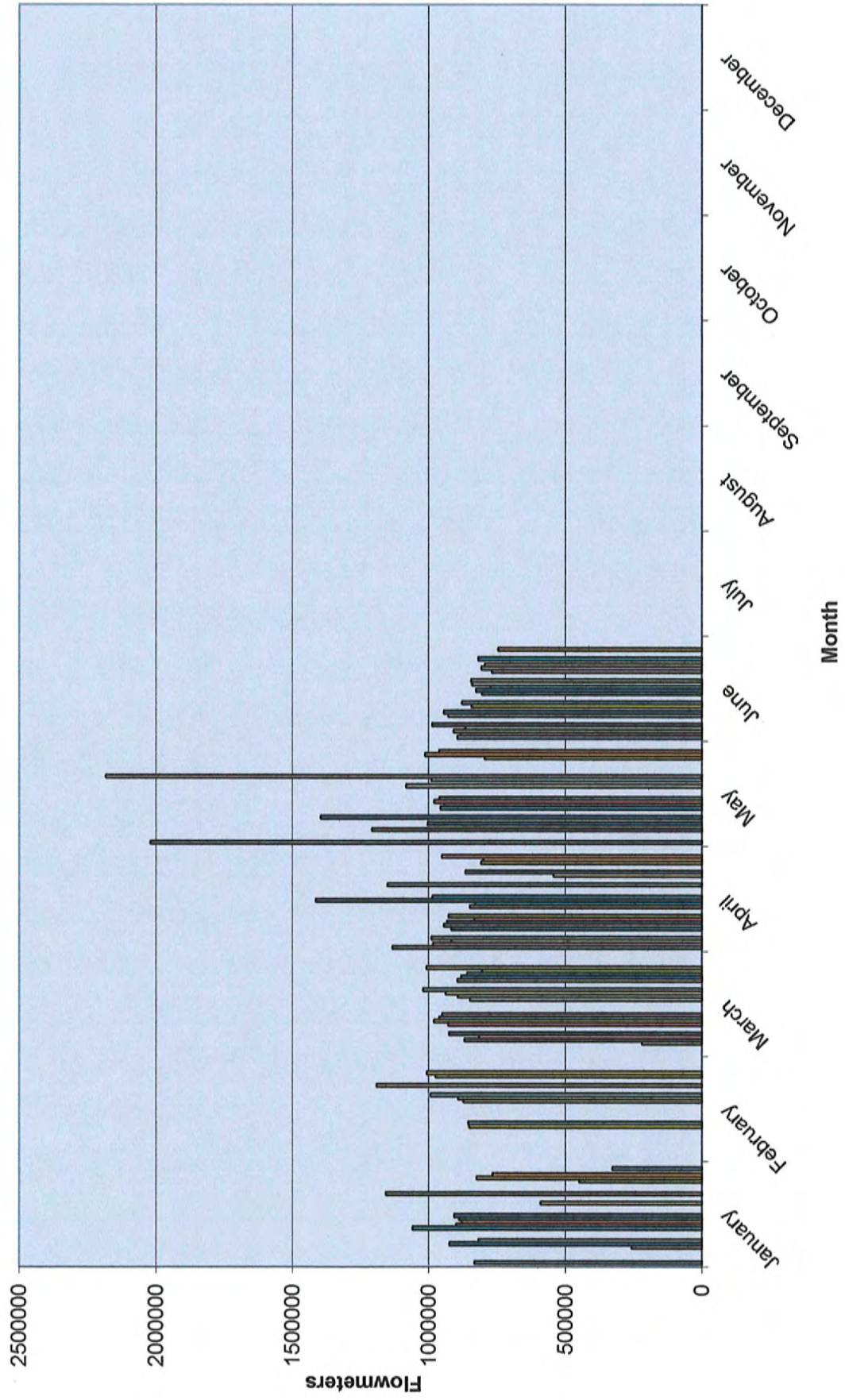
2013 Monthly Precipitation



Flowmeters June 2014



Monthly Totals 2012 Jan-Dec



1 draft
2 EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
3 MEETING MINUTES
4 June 9, 2014
5

6 The East Goshen Township Municipal Authority held their regular public meeting on Monday,
7 June 9, 2014 at 7:00 pm at the East Goshen Township building. Members in attendance were:
8 Chairman Jack Yahraes, Kevin Cummings, Dana Pizarro, and Ed McAssey. Also in attendance
9 were: Rick Smith (Township Manager), Carmen Battavio (Supervisor), Patrick McKenna
10 (Attorney), Mark Miller (Director of Public Works), Scott Towler (BFES), and Mike Ellis
11 (Pennoni).
12

13 **COMMON ACRONYMS:**

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

22

23 **Call to Order & Pledge of Allegiance**

24 Jack called the meeting to order at 7:00 pm and led those present in the Pledge of Allegiance.
25 There was a moment of silence to remember the troops and all veterans. Jack asked if anyone
26 would be recording the meeting and there was no response.
27

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

29 Ed attended the West Goshen meeting. There was discussion about the East Goshen Reservoir
30 Road Pump Station. West Goshen feels that 1 million gpd is the minimum under the contract.
31 Ed explained that East Goshen is concerned about the growth in West Goshen and the 25%
32 penalty, if they go over 1m gpd.
33

34 **Sewer Reports**

35 **1. Director of Public Works**

36 Mark Miller reported for April 2014:

37 Meters: All meters were read on a daily basis. The two portable meters have not arrived
38 yet. As they come in we will get them installed. The new meters have the capabilities of
39 sending out the reading thru the internet. Mark has asked Allied to give a cost to modify
40 the meters to allow us to get the readings over the internet for the 2015 budget.

41 CC Collection: The pump station wet wells were cleaned last week. The wet well at
42 Barkway pump station had several leaks. We packed the leaks and pumped 60 gallons of
43 grout into them to seal the leaks. The pumps are scheduled to be pulled for routine
44 maintenance next week. We repaired a broken lateral on Red Maple Lane. Last Monday
45 the lateral line sheared off which was allowing heavy inflow into the system.

46 RC Collection: The Hunt Country pump station was visited on a routine basis with no
47 problems to report. The wet well was cleaned last week.

1 RC Plant: The wet well was cleaned last week. We are scheduled to re-install the lift
2 station pump next week and pull another for routine maintenance.

3 Alarms: We responded to 21 alarms for the month of May.

4 PA One Calls: We received 116 PA calls in May.

5 Mark is concerned about the meter numbers. He is not sure if it is due to the new
6 software.

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

9 Mike Ellis gave the following report:

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

11 Ridley creek Sewage treatment Plant (RCSTP): Pennoni continues to provide operations
12 assistance as needed. No operational issues were brought to our attention in May.

13 Reserve Pump Station Elimination: There are three outstanding punch list items at the time of
14 this report: removal of the filter sock along the creek, re-seeding/re-topsoiling the lawn area at
15 the old pump station driveway and building, and resubmission of as-built plans with surveyed
16 manhole elevations. The contractor has informed us that they have visited the site to evaluate the
17 work to be performed, and they are hopeful to complete the work by June 13.

18 Reservoir Rd Pump Station Act 537 Plan: We are awaiting Act 537 Plan review forms to be
19 completed and returned from the East Goshen Township Planning Commission, West Goshen
20 Township Planning Commission, Chester County Planning Commission, Chester County Health
21 Department and West Goshen Sewage Treatment Plant operator. Reviews are due by July 9,
22 2014.

23 Based upon the revised force main routing and additional information that we submitted, the PA
24 Dept. of Conservation and Natural Resources (DCNR) retracted their requirement for a field
25 botanical survey of potential threats to certain plant species.

26 We are awaiting feedback from the U.S. Fish & Wildlife Service on the Phase 1 bog turtle
27 habitat survey report that was submitted by Conestoga-Rovers & Assocs. in late April.

28 Tentative Act 537 Planning schedule (assuming no Phase 2 bog turtle screening):

	<u>Estimated Date</u>
29 USFWS Bog Turtle Habitat Coordination	June 30, 2014
30 County & Township Agency Review Comments Due	July 9, 2014
31 Revisions per agency comments	July 14, 2014
32 30-Day Public Comment Period	August 15, 2014
33 East Goshen Twp. Adoption	August 19, 2014
34 PADEP Review and Approval (120 Days)	December 21, 2014

36 New Sewer Connections

37 We completed a review of the design plan and report submission for a new private wastewater
38 pump station for Acero Precision at 1340 Enterprise Drive, issued a comment letter, and
39 discussed comments with the design consultant.

40 Fairway Village Manhole Lining

41 Abel Recon will perform the demonstration of the SprayWall monolithic polyurethane interior
42 manhole lining system on June 10, 2014. The demonstration will begin at 11:00am at the site.

43 RCSTP Tank Covers

44 We completed the evaluation of tank cover alternatives and forwarded an updated summary
45 memo to the Township.

1 **RESERVOIR ROAD PUMP STATION**

2 The Authority members reviewed a letter from the Consulting Engineers for the West Goshen
3 Sewer Authority. West Goshen does not want to lose revenue. East Goshen is not at 1 million
4 gpd yet. West Goshen wants us to wait to do the diversion until we reach 1 million gpd.
5 Anything over 1 million gpd is a 25% additional fee. The capacity at West Goshen is 6 million
6 gpd. They are around 5 million gpd. West Goshen will be impacted when the total goes over 6
7 million gpd. Rick wants to continue the process of getting permits, etc. He suggested that
8 construction start when East Goshen gets to 950,000 gpd. He will write a response to West
9 Goshen.

10
11 **3. Big Fish Environmental Services** – The following is Scott’s report for May 2014:

12 **Treatment Process Operation-** During April 2014, there were one exceedance of the final
13 effluent discharge limitations for Outfall 001 and no discharge from Outfall 002. The
14 exceedance reported was a total phosphorus monthly average concentration of 0.54 mg/L as
15 compared to the permitted limitation of 0.50 mg/L.

16 The monthly average total phosphorus concentration was 0.54 mg/L as compared to the
17 discharge limitation of 0.5 mg/L. During the month, the final effluent total phosphorus
18 concentration discharged ranged from 0.30 mg/L to 0.68 mg/L with an average of 54.3 gallons
19 per day of aluminum sulfate solution.

20 There was no discharge to Applebrook, Outfall 002, during April 2014.

21 During the month of April 2014, the total phosphorus concentrations at the final effluent outfall
22 001 were slightly elevated at or above the permitted discharge limitation of 0.5 mg/L.

23 Aluminum sulfate feed rates were increased as the month progressed to assist with total
24 phosphorus removal. Periodically, the influent flow rate and volume to the SBRs resulted in
25 “Filled Decants.” The Filled Decant condition results in diverting a mixture of influent
26 wastewater and treated effluent directly to the post flow equalization basins, disc filters and
27 disinfection prior to discharge through outfall 001.

28 During the month of May 2014, there was no discharge to Applebrook.

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

34 Sequencing batch reactors (SBRs) 1, 3 and 4 were in service during the month of May.

35 Process monitoring of each SBR included ammonia as N, Nitrite as N, Nitrate as N, COD, SSV,
36 MLSS and total phosphorus. Foam concentrations remain reduced during the month of April.

37 Increased sludge wasting was continued to maintain lower the MLSS concentrations. SBRs 3 &
38 4 were observed to have a maximum of approximately 5% to 10% of the surface area covered
39 with a medium brown colored foam. Adjustments to the treatment process to lower the MLSS
40 concentrations and raise the F:M ratio within the target range of 0.045 to 0.06 were ongoing
41 during the month. Process adjustments to manage the foam included adjustments for achieving
42 the lower ammonia as nitrogen discharge concentration of 2.5 mg/L as compared to the 7.0 mg/L
43 during April.

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

1 phosphorus is ongoing. Sample collection and analysis of the influent wastewater collected at
2 the influent pump station wet well is ongoing.
3 Addition of aluminum sulfate solution to the SBRs to assist with phosphorus removal continued.
4 The volume of aluminum sulfate solution to the SBRs was increased from a daily average of
5 54.3 gpd during April to 82.6 gpd during May to assist with total phosphorus removal. Increased
6 aluminum sulfate dosages prior to filtration were increased during the month. The increase in
7 alum addition resulted in an increase in soda ash addition. During May the daily average soda
8 ash addition was 439 lbs/day as compared to the Paril daily average of 308 lbs/day. The increase
9 in soda ash was to assist towards maintaining pH concentrations above 7.0 standard units
10 continued during the month.

11 SBR #2 remains out of service as a treatment unit, however, partially filled with MLSS which is
12 continuously mixed and aerated. The majority of the contents were transferred to the sludge
13 holding tanks. This SBR was periodically placed in service to assist with managing peak flows
14 to reduce the impact of Filled Decant conditions.

15 The decanter for SBR 3 was occasionally observed as being slightly tilted within the water level.
16 The effluent knife valve was routinely closed and the decanter filled with water to assist with
17 lowering the decanter within the water level. The frequency of occurrence varied during the
18 month. The SBR is planned for removal from service during late June for inspection.

19 **Solids Dewatering and Disposal:** May 2014

20 During the month, sludge wasting to the sludge holding tanks and decanting of the sludge
21 holding tanks was ongoing. Process monitoring included pH, total alkalinity and total solids.
22 Sludge holding tank #1 was in service. The level at the beginning of the month was 7.44 feet
23 and the level at the end of the month was 11.72 feet. The initial total solids concentration was
24 0.62% and ended the month as 0.73% total solids. The average pH concentration was 7.30 S.U.
25 and total alkalinity of 386 mg/L. No supernatant was decanted during the month. A total of
26 1,000 pounds of soda ash were added during the month for pH adjustment.

27 Sludge holding tank #2 was in service. The level at the beginning of the month was 14.39 feet
28 and the level at the end of the month was 13.99 feet. The initial total solids concentration was
29 0.97% and ended the month as 0.80% total solids. The average pH concentration was 7.38 S.U.
30 and total alkalinity of 490 mg/L. 83,626 gallons of supernatant were decanted during the month.
31 A total of 100 pounds of soda ash were added during the month for pH adjustment.

32 **Significant storm/hydraulic Loading Events** – None were experienced past May 2, 2014.

33 **Minor Repairs and Preventive Maintenance**

- 34 1. Replaced the Inlet air filters for blowers B1A, B1B, B1C and B2.
- 35 2. Replaced the suction and pump tubing for the influent samplers and final effluent sampler.
36 The final effluent suction tubing is replaced monthly.
- 37 3. Replaced the pump hose on alum feed pump.
- 38 4. Cleaned and calibrated SBR LDO probes.

39

40 **Approval of Minutes**

41 Kevin moved to accept the minutes of May 12, 2014 as corrected. Dana seconded the motion.
42 The motion passed unanimously.

43

44 **Approval of Invoices**

- 45 1. Dana moved to approve payment of the following Pennoni invoices:
46 a. Pennoni #591749 \$ 691.75

- 1 b. Pennoni #591750 \$ 5,761.25
- 2 c. Pennoni #591751 \$ 1,766.75
- 3 d. Pennoni #591752 \$ 1,238.00

4 Ed seconded the motion. The motion passed unanimously.

5 2. Dana moved to approve payment of the Gawthrop invoice #119419 for \$1,300.00. Ed
6 seconded the motion. The motion passed unanimously.

7

8 **Liaison Reports**

9 Board of Supervisors – Carmen reported that they are becoming a party to the proceedings for
10 Sunoco.

11

12 **Financial Reports**

13 1. Jon Altshul’s June 5, 2014 Financial Report for May 2014:

14 The Municipal Authority recorded \$6,847 in revenues (primarily from tapping fees) and \$15,570
15 in expenses in May, a difference of -\$8,723. The fund balance is now \$1,589,282.

16

17 **Goals**

18 1. Rick provided a draft mission statement with the correction that was requested. After review
19 of the draft, Ed moved to adopt the mission statement. Kevin seconded the motion. The motion
20 passed unanimously. This 2014 goal is complete.

21 2. The members reviewed the additional information on tank covers. It appears that as of this
22 date the cost will be about \$1 million. This 2014 goal is completed.

23 3. Dana made a motion to authorize the Chairman to sign the Sewer Connection Agreement for
24 195 Wyllpen Place in Willistown Township. Kevin seconded the motion. The motion passed
25 unanimously.

26

27 **Any Other Matter**

28 1. Jack complimented Rick on the letter to the residents about the demonstration project on the
29 manhole at the entrance to Fairway Village.

30

31 **Adjournment**

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

34

35 Respectfully submitted,

36

37

38 Ruth Kiefer

39 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 # : 594993
Invoice Date : 06/20/2014
Project : EGMA1306
Project Name : Reserve PS Diversion Construction

For Services Rendered through: 6/15/2014

Continued coordination with contractor to schedule punchlist work, and Sr. Engineering Tech met with contractor on-site to discuss scope of punchlist work. Authority Eng reviewed and signed notarized hard copy of Invoice #3 and forwarded to Township, and emailed CAD files to contractor for use in preparation of as-built plans

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	309.00
Expense :	0.00
Phase Total :	309.00

Amount Due This Invoice

Fee :	20,000.00
Prior Billings :	15,057.50
Current Billings :	309.00
Total Billings :	15,366.50

\$309.00

Phase : **** -- Professional Services

Labor Class	Hours/Units	Rate	Amount
Authority Engineer	2.00	113.00	226.00
Senior Engineering Technician	1.00	83.00	83.00
Labor Total:	3.00		309.00

Total Phase : **** -- Professional Services

Labor :	\$309.00
Expense :	\$0.00

Total Project : EGMA1306 -- Reserve PS Diversion Construction

Labor :	\$309.00
Expense :	\$0.00

ok RS 7/11

East Goshen Municipal Authority
EGMA1306 Invoice Summary
Invoice Date 06/20/2014

Project: EGMA1306
Pennoni Job No.: Reserve PS Diversion Construction P
Invoice No: 594993
Invoice Period: 5/12/2014 to 6/15/2014
Initial Authorization: \$ 20,000.00 **Date:** 6/20/2014
Contract Amount: \$ 20,000.00
Previously Invoiced: \$ 15,057.50
Current Invoice: \$ 309.00
Invoiced to Date (\$): \$ 15,366.50
Invoiced to Date (%): 77%
Remaining Budget (\$): \$ 4,633.50
Remaining Budget (%): 23%

Budget by Phase:

	Reserve PS Diversion Construction Phase
Phase Name:	
Phase Budget:	\$ 20,000.00
Previously Invoiced:	\$ 15,057.50
Current Invoice:	\$ 309.00
Invoiced to Date (\$):	\$ 15,366.50
Invoiced to Date (%):	77%
Remaining Budget (\$):	\$ 4,633.50
Remaining Budget (%):	23%

Comments: Continued coordination with contractor to schedule punchlist work, and Sr. Engineering Tech met with contractor on-site to discuss scope of punchlist work. Authority Eng reviewed and signed notarized hard copy of Invoice #3 and forwarded to Township, and emailed CAD files to contractor for use in preparation of as-built plan.



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Philadelphia, PA 19182-7328

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

Invoice # : 594994
Invoice Date : 06/20/2014
Project : EGMA1307
Project Name : Reservoir Rd PS Act 537 Planning

For Services Rendered through: 6/15/2014

Coordinated with DCNR to eliminate requirement for a botanical survey; reviewed West Goshen Sewer Authority's (WGSA) comment letter, reviewed intermunicipal agreement diversion provisions, evaluated scheduling revisions to Act 537 Plan to comply with agreement provisions, reviewed WGSTP's recent monthly flow data, and assisted with preparation of response letter to WGSA.

Phase : 02 -- Existing Conditions Survey

Total Phase : 02 -- Existing Conditions Survey

Labor :	27.50
Expense :	0.00
Phase Total :	27.50

Phase : 03 -- Act 537 Plan Update

Total Phase : 03 -- Act 537 Plan Update

Labor :	21.25
Expense :	0.00
Phase Total :	21.25

Phase : 04 -- Additonal Meetings

Total Phase : 04 -- Additonal Meetings

Labor :	381.25
Expense :	0.00
Phase Total :	381.25

Amount Due This Invoice

\$430.00

OK TRS 7/11

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 : 02 -- Existing Conditions Survey

<u>Labor Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Authority Engineer	0.25	110.00	27.50
Labor Total:	0.25		27.50

Total Phase : 02 -- Existing Conditions Survey	Labor :	\$27.50
	Expense :	\$0.00

Phase : 03 -- Act 537 Plan Update

<u>Labor Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Senior Environmental Scientist	0.25	85.00	21.25
Labor Total:	0.25		21.25

Total Phase : 03 -- Act 537 Plan Update	Labor :	\$21.25
	Expense :	\$0.00

Phase : 04 -- Additonal Meetings

<u>Labor Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Authority Engineer	3.25	110.00	357.50
Project Engineer	0.25	95.00	23.75
Labor Total:	3.50		381.25

Total Phase : 04 -- Additonal Meetings	Labor :	\$381.25
	Expense :	\$0.00

Total Project : EGMA1307 -- Reservoir Rd PS Act 537 Planning	Labor :	\$430.00
	Expense :	\$0.00

East Goshen Municipal Authority
EGMA1307 Invoice Summary
Invoice Date 06/20/2014

Project:	EGMA1307		
Pennoni Job No.:	Reservoir Rd PS Act 537 Planning		
Invoice No:	594994		
Invoice Period:	5/12/2014	to	6/15/2014
Initial Authorization:	\$ 77,400.00	Date:	6/20/2014
Contract Amount:	\$ 84,900.00		
Previously Invoiced:	\$ 69,855.50		
Current Invoice:	\$ 430.00		
Invoiced to Date (\$):	\$ 70,285.50		
Invoiced to Date (%):	83%		
Remaining Budget (\$):	\$ 14,614.50		
Remaining Budget (%):	17%		

Budget by Phase:

	Reservoir Rd PS Act 537 Planning	
Phase Name:		
Phase Budget:	\$ 84,900.00	
Previously Invoiced:	\$ 69,855.50	
Current Invoice:	\$ 430.00	
Invoiced to Date (\$):	\$ 70,285.50	
Invoiced to Date (%):	83%	
Remaining Budget (\$):	\$ 14,614.50	
Remaining Budget (%):	17%	

Comments: Coordinated with DCNR to eliminate requirement for a botanical survey; reviewed West Goshen Sewer Authority's (WGSA) comment letter, reviewed intermunicipal agreement diversion provisions, evaluated scheduling revisions to Act 537 Plan to comply with agreement provisions, reviewed WGSTP's recent monthly flow data, and assisted with preparation of response letter to WGSA.



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 # : 594995
Invoice Date : 06/20/2014
Project : EGMA1401
Project Name : 2014 General Services

For Services Rendered through: 6/15/2014

Prepared June Engineer's Report; attended May and June Municipal Authority meetings; finalized and submitted RCSTP tank cover alternatives memo Update #1; coordinated pre-construction matters with contractor and Township for SprayWall manhole lining demonstration for Fairway Village manhole and traffic control, and Sr. Engineering Tech provided on-site coordination and construction observation during the manhole lining work.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	1,521.25
Expense :	0.00
Phase Total :	1,521.25

Amount Due This Invoice

Fee :	10,300.00
Prior Billings :	5,580.00
Current Billings :	1,521.25
Total Billings :	7,101.25

\$1,521.25

Phase : **** -- Professional Services

Labor

Class	Hours/ Units	Rate	Amount
Authority Engineer	9.00	113.00	1,017.00
Project Engineer	2.25	95.00	213.75
Senior Engineering Technician	3.50	83.00	290.50
Labor Total:	14.75		1,521.25

Total Phase : **** -- Professional Services

Labor :	\$1,521.25
Expense :	\$0.00

Total Project : EGMA1401 -- 2014 General Services

Labor :	\$1,521.25
Expense :	\$0.00

OK 7/5 7/11

East Goshen Municipal Authority
EGMA1401 Invoice Summary
Invoice Date 06/20/2014

Project:	EGMA1401		
Pennoni Job No.:	2014 General Services		
Invoice No:	594995		
Invoice Period:	5/12/2014	to	6/15/2014
Initial Authorization:	\$ 10,300.00	Date:	6/20/2014
Contract Amount:	\$ 10,300.00		
Previously Invoiced:	\$ 5,580.00		
Current Invoice:	\$ 1,521.25		
Invoiced to Date (\$):	\$ 7,101.25		
Invoiced to Date (%):	69%		
Remaining Budget (\$):	\$ 3,198.75		
Remaining Budget (%):	31%		

Budget by Phase:

Phase Name:	2014 General Services		
Phase Budget:	\$ 10,300.00		
Previously Invoiced:	\$ 5,580.00		
Current Invoice:	\$ 1,521.25		
Invoiced to Date (\$):	\$ 7,101.25		
Invoiced to Date (%):	69%		
Remaining Budget (\$):	\$ 3,198.75		
Remaining Budget (%):	31%		

Comments: Prepared June Engineer's Report; attended May and June Municipal Authority meetings; finalized and submitted RCSTP tank cover alternatives memo Update #1; coordinated pre-construction matters with contractor and Township for SprayWall manhole lining demonstration for Fairway Village manhole and traffic control, and Sr. Engineering Tech provided on-site coordination and construction observation during the manhole lining work.



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
06/30/2014
Client No: 6604-001M
Invoice No. 121393

General Authority Services

Fees

		Hours	
06/09/2014	PMM		
	Review and analyze meeting packet; attend meeting.	2.00	
06/10/2014	PMM		
	Emails from R Smith regarding agreement with West Goshen Township.	0.30	
06/11/2014	PMM		
	Review and analyze WGSA treatment plant agreement regarding diverting flows and reserved capacity; long email to R Smith and EGMA members regarding interpretation of same; reply from R Smith; review and analyze all addendums (7) to plant agreement.	1.50	
06/12/2014	PMM		
	Email from M Ellis regarding interpretation of agreement with West Goshen; email from R Smith regarding same; reply from M Ellis; email from D Pizzaro regarding same; email from R Smith regarding revised draft letter to West Goshen; reply.	1.40	
06/16/2014	PMM		
	Numerous emails from E McAssey, K Cummings and R Smith regarding West Goshen capacity; reply.	1.20	
06/17/2014	PMM		
	Emails from K Cummings and E McAssey regarding interpretation of agreement with West Chester.	0.40	
06/18/2014	PMM		
	Emails from R Smith regarding West Goshen plant capacity and expansion agreement.	0.60	
	For Current Services Rendered	7.40	1,480.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Patrick M. McKenna	7.40	\$200.00	\$1,480.00

East Goshen Municipal Authority

Page: 2

06/30/2014

Client No:

6604-001M

Invoice No.

121393

General Authority Services

PAID ON 7/7/11

Previous Balance	—	\$520.00
Total Current Charges		1,480.00
Balance Due		<u>\$2,000.00</u>

ok RS 7/11
\$ 2,000⁰⁰

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.



PO Box 680 Oaks, PA 19456-0680
E-mail: firm@maillie.com

Phone: 610-935-1420
Web: www.maillie.com



Client Number: 2500

Invoice: 1000036708

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

Date: 06/30/2014
Due Date: 07/30/2014

For examination of the financial statements of the Authority for the year ended December 31, 2013, and assistance with preparation of Management Discussion and Analysis report, including additional work related to new bond issue and various construction projects \$10,800.00

Billed Time & Expenses	\$10,800.00
Invoice Total	\$10,800.00

<u>06/30/2014</u>	<u>05/31/2014</u>	<u>04/30/2014</u>	<u>03/31/2014</u>	<u>02/28/2014+</u>	<u>Total</u>
10,800.00	0.00	0.00	0.00	0.00	\$10,800.00

Please return this portion with payment.

ID: 2500
East Goshen Municipal Authority
610-692-7171

Invoice: 1000036708

Date: 06/30/2014
Due Date: 07/30/2014

Amount Due: \$10,800.00

Amount Enclosed: \$ _____

Finance charges of 1 1/2% per month will be added to the unpaid balance of accounts over 30 days from invoice date. Annual percentage rate of 18%.

o/c TCS 7-7-14

Memo

To: Municipal Authority
From: Jon Altshul
Re: MA June Financial Reports
Date: July 8, 2014

The Municipal Authority recorded \$130 in revenues (interest) and \$17,429 in expenses in June, a difference of -\$17,299. The fund balance is now \$1,571,983. June expenses included the quarterly administrative charge back (\$8,043), engineering services (\$3,005) and engineering services on the Reservoir Road Pumping Station (\$5,761).

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

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

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
MUNICIPAL AUTHORITY BEGINNING FUND BALANCE				
			1,589,281.93	

RCSTP BUDGET

REVENUE				
INTEREST EARNED - RCSTP EXPANSION	07341 1020	2,000.00	129.00	792.00
GRANT REVENUE	07392 0800	0.00	0.00	0.00
TOTAL REVENUE		2,000.00	129.00	792.00

EXPENSES				
R.C.-CAP. PROJ.-ENGINEER	07424 7451	0.00	0.00	0.00
R.C. CAP EXPANSION GEN'L CONTRACTOR	07424 7452	0.00	0.00	0.00
R.C. CAP EXPANSION - ELECTRICAL	07424 7453	0.00	0.00	0.00
R.C. CAP EXP CONTINGENCY CAPITAL	07424 7454	0.00	0.00	0.00
R.C. CAP EXP CONTINGENCY ONGOING	07424 7455	0.00	0.00	0.00
R.C. CAP EXP ADDITIONAL CONTINGENCY	07424 7456	0.00	0.00	0.00
TRANSFER TO SEWER SINKING FUND	07492 0550	0.00	0.00	0.00
TRANSFER TO AUTHORITY CAP FUND	07492 0990	0.00	0.00	0.00
TOTAL EXPENSES		0.00	0.00	0.00
RCSTP NET RESULT		2,000.00	129.00	792.00

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

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
OPERATING BUDGET				
REVENUE				
INTEREST EARNINGS	07341 1000	27.00	0.75	6.48
C.C. TAPPING FEES	07364 1100	124,000.00	0.00	22,000.00
R.C. TAPPING FEES	07364 1110	21,444.00	0.00	10,288.80
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
TOTAL REVENUE		145,471.00	0.75	54,987.28
EXPENSES				
ADMINISTRATIVE WAGES	07424 1400	32,768.00	8,043.02	16,086.04
MISCELLANEOUS EXPENSE	07424 3000	4,000.00	0.00	1,450.00
MUNIC.AUTH.-AUDITING	07424 3110	10,800.00	0.00	0.00
ENGINEERING SERVICES	07424 3130	35,525.00	3,004.75	25,290.25
LEGAL SERVICES	07424 3140	7,000.00	0.00	3,760.00
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
TOTAL EXPENSES		117,328.00	11,047.77	46,586.29
OPERATING NET RESULT		28,143.00	(11,047.02)	8,400.99

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

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
CAPITAL BUDGET				
REVENUE				
LOAN PROCEEDS-SEWER PROJECT	07393 1001	0.00	0.00	0.00
TRANSFER FROM SEWER CAP RESERVE	07392 0900	0.00	0.00	0.00
TOTAL REVENUE		0.00	0.00	0.00
EXPENSES				
MARYDELL PUMP STATION - ENGINEER	07425 1000	0.00	0.00	0.00
MARYDELL PUMP STATION -CONSTRUCTION	07425 2000	0.00	0.00	0.00
MANHOLE COVER REPLACEMENTS	07424.7405	0.00	0.00	0.00
C.C. CAPITAL - COLLECTION	07424.7420	0.00	0.00	0.00
LOCHWOOD ABANDONMENT ENGINEER	07424 7475	0.00	0.00	0.00
LOCHWOOD ABANDONMENT CONSTRUCTION	07424 7476	0.00	0.00	0.00
LOCHWOOD ELIMINATION PHASE 2	07424 7477	0.00	0.00	0.00
HERSHEY MILL STATION - ENGINEER	07426 1000	0.00	0.00	0.00
HERSHEY MILL STATION - CONSTRUCTION	07426 2000	0.00	0.00	0.00
RESERVE PUMP STATION - ENGINEER	07427 1000	0.00	619.75	817.00
RESERVE PUMP STATION - CONSTRUCTION	07427 2000	0.00	0.00	0.00
RESERVOIR PUMP STATION - ENGINEER	07428 1000	75,000.00	5,761.25	34,663.50
RESERVOIR PUMP STATION CONSTRUCTION	07428 2000	0.00	0.00	0.00
TOTAL EXPENSES		75,000.00	6,381.00	35,480.50
CAPITAL NET RESULT		(75,000.00)	(6,381.00)	(35,480.50)
MUNICIPAL AUTHORITY ENDING FUND BALANCE			1,571,982.91	

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				
				0.00	6.48	-6.48				
07341-1020						0.00				
			INTEREST EARNED - RCSTP EXPANSION							
	1401		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

MGRP18 run by BRIAN 3 : 12 PM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
			0.00	129.00	-792.00				
			0.00	792.00	-792.00				
07364-1100					0.00				
1401	CR	40976		12,600.00		01/31/14	3034	8069	1 GOSHEN MEADOWS INVESTORS L.P.
			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				
			0.00	22,000.00	-22,000.00				
07364-1110					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				
			0.00	10,288.80	-10,288.80				
07364-1130					0.00				
1402		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
	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				

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
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				
			16,086.04	0.00	16,086.04				
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				
07424-3130			ENGINEERING SERVICES			0.00			
		40653	-663.75			01/06/14	2224	1052	PENNONI ASSOCIATES INC. VOID CK. DUE TO PRINTER PROBLEM

MGRP18 run by BRIAN 3 : 12 PM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07424-3130	1401	CD	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				
1406		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				
				27,135.25	1,845.00	25,290.25				
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				
				3,760.00	0.00	3,760.00				
07424-7460			LOCHWOOD - CAPITAL -STP			0.00				

MGRP18 run by BRIAN 3 : 12 PM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
1401	CD	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	RESERVE PUMP STATION - ENGINEER					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				
				817.00	0.00	817.00				
07428-1000	RESERVOIR PUMP STATION - ENGINEER					0.00				
1402		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.THRU 2/9/14 RESERV.RD. PS
				4,431.25	0.00	15,118.75				
1404		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				

Report Date 07/03/14

GL Transaction Details

PAGE 6

MGRP18 run by BRIAN 3 : 12 PM

Acct #	Per	Src Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07428-1000	1406	CD 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				
			34,663.50	0.00	34,663.50				

Beg Bal		0.00	85,766.27	59,478.76	26287.51				

June 23, 2014

To the Members of the Board
East Goshen Municipal Authority
West Chester, Pennsylvania

We have audited the financial statements of the East Goshen Municipal Authority as of and for the year ended December 31, 2013, and have issued our report thereon dated June 10, 2014. Professional standards require that we advise you of the following matters relating to our audit.

OUR RESPONSIBILITY IN RELATION TO THE FINANCIAL STATEMENT AUDIT

As communicated in our engagement letter dated October 16, 2013, our responsibility, as described by professional standards, is to form and express an opinion(s) about whether the financial statements that have been prepared by management with your oversight are presented fairly, in all material respects, in conformity with accounting principles generally accepted in the United States of America. Our audit of the financial statements does not relieve you or management of your respective responsibilities.

Our responsibility, as prescribed by professional standards, is to plan and perform our audit to obtain reasonable, rather than absolute, assurance about whether the financial statements are free of material misstatement. An audit of financial statements includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control over financial reporting. Accordingly, as part of our audit, we considered the internal control of the East Goshen Municipal Authority solely for the purpose of determining our audit procedures and not to provide any assurance concerning such internal control.

We are also responsible for communicating significant matters related to the audit that are, in our professional judgment, relevant to your responsibilities in overseeing the financial reporting process. However, we are not required to design procedures for the purpose of identifying other matters to communicate to you.

PLANNED SCOPE AND TIMING OF THE AUDIT

We conducted our audit consistent with the planned scope and timing we previously communicated to you.

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

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



To the Members of the Board
East Goshen Municipal Authority

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June 23, 2014

COMPLIANCE WITH ALL ETHICS REQUIREMENTS REGARDING INDEPENDENCE

The engagement team, others in our firm, as appropriate, our firm and our network firms have complied with all relevant ethical requirements regarding independence.

QUALITATIVE ASPECTS OF THE ENTITY'S SIGNIFICANT ACCOUNTING PRACTICES

Significant Accounting Policies

Management has the responsibility to select and use appropriate accounting policies. A summary of the significant accounting policies adopted by the East Goshen Municipal Authority is included in Note A to the financial statements. There have been no initial selection of accounting policies and no changes in significant accounting policies or their application during the year. No matters have come to our attention that would require us, under professional standards, to inform you about (1) the methods used to account for significant unusual transactions and (2) the effect of significant accounting policies in controversial or emerging areas for which there is a lack of authoritative guidance or consensus.

Significant Accounting Estimates

Accounting estimates are an integral part of the financial statements prepared by management and are based on management's current judgments. Those judgments are normally based on knowledge and experience about past and current events and assumptions about future events. Certain accounting estimates are particularly sensitive because of their significance to the financial statements and because of the possibility that future events affecting them may differ markedly from management's current judgments.

Financial Statement Disclosures

The financial statement disclosures are neutral, consistent and clear.

SIGNIFICANT DIFFICULTIES ENCOUNTERED DURING THE AUDIT

We encountered no significant difficulties in dealing with management relating to the performance of the audit.



To the Members of the Board
East Goshen Municipal Authority

- 3 -

June 23, 2014

UNCORRECTED AND CORRECTED MISSTATEMENTS

For purposes of this communication, professional standards require us to accumulate all known and likely misstatements identified during the audit, other than those that we believe are trivial, and communicate them to the appropriate level of management. Further, professional standards require us to also communicate the effect of uncorrected misstatements related to prior periods on the relevant classes of transactions, account balances or disclosures and the financial statements as a whole. Management has corrected all identified misstatements.

In addition, professional standards require us to communicate to you all material, corrected misstatements that were brought to the attention of management as a result of our audit procedures. The attached schedule of material misstatements that we identified as a result of our audit procedures was brought to the attention of, and corrected by, management.

DISAGREEMENTS WITH MANAGEMENT

For purposes of this letter, professional standards define a disagreement with management as a matter, whether or not resolved to our satisfaction, concerning a financial accounting, reporting, or auditing matter, which could be significant to the East Goshen Municipal Authority's financial statements or the auditors' report. No such disagreements arose during the course of the audit.

REPRESENTATIONS REQUESTED FROM MANAGEMENT

We have requested certain written representations from management, which are included in the management representation letter dated June 10, 2014.

MANAGEMENT'S CONSULTATIONS WITH OTHER ACCOUNTANTS

In some cases, management may decide to consult with other accountants about auditing and accounting matters. Management informed us that, and to our knowledge, there were no consultations with other accountants regarding auditing and accounting matters.

OTHER SIGNIFICANT MATTERS, FINDINGS OR ISSUES

In the normal course of our professional association with the East Goshen Municipal Authority, we generally discuss a variety of matters, including the application of accounting principles and auditing standards, operating and regulatory conditions affecting the entity and operational plans and strategies that may affect the risks of material misstatement. None of the matters discussed resulted in a condition to our retention as the East Goshen Municipal Authority's auditors.



To the Members of the Board
East Goshen Municipal Authority

- 4 -

June 23, 2014

This report is intended solely for the information and use of the Members of the Board and management of the East Goshen Municipal Authority and is not intended to be and should not be used by anyone other than these specified parties.

Very truly yours,

Maillie LLP

MAILLIE LLP
*Certified Public Accountants and
Business Consultants*



Expertise Beyond The Numbers

Client: 2500 - East Goshen Municipal Authority
 Engagement: 2013 - East Goshen Municipal Authority
 Period Ending: 12/31/2013
 Trial Balance: TB-Municipal Authority
 Workpaper: 3510MA05 - Adjusting Journal Entries Report

6/23/2014
 2:37 PM

Account	Description	W/P Ref	Debit	Credit
Adjusting Journal Entries JE # 101		PY		
To record prior year cumulative accrual balances and agree net assets.				
07-100-1900	Lease payment receivable		8,986,000.00	
07-279-1000	FUND BALANCE		22,609.00	
07-200-2000	ACCOUNTS PAYABLE			16,654.00
07-200-2500	Note payable - DVRFA			518,000.00
07-200-2501	Note Payable - 2008			8,468,000.00
07-200-3000	Accrued interest payable			5,955.00
Total			9,008,609.00	9,008,609.00
Adjusting Journal Entries JE # 102		PY		
To reverse prior year accounts payable				
07-200-2000	ACCOUNTS PAYABLE		16,654.00	
07-424-3130	ENGINEERING SERVICES			3,265.00
07-424-3140	LEGAL SERVICES			3,289.00
07-424-7475	LOCHWOOD ABANDONMENT ENGINEER			512.00
07-425-1000	MARYDELL PUMP STATION - ENGINEER			5,494.00
07-426-1000	HERSHEY MILL STATION - ENGINEER			2,047.00
07-427-1000	RESERVE PUMP STATION - ENGINEER			2,047.00
Total			16,654.00	16,654.00
Adjusting Journal Entries JE # 103		PY		
To reverse prior year accrued interest payable				
07-200-3000	Accrued interest payable		5,955.00	
07-100-1910	RESERVE FOR FUTURE CAPITAL EXPENDITURES			5,955.00
Total			5,955.00	5,955.00
Adjusting Journal Entries JE # 104		5100MA01		
To record current year accounts payable				
07-424-3130	ENGINEERING SERVICES		2,133.00	
07-424-7460	LOCHWOOD - CAPITAL -STP		1,290.00	
07-428-1000	RESERVOIR PUMP STATION - ENGINEER		7,023.00	
07-200-2000	ACCOUNTS PAYABLE			10,446.00
Total			10,446.00	10,446.00
Adjusting Journal Entries JE # 105		5300MA01		
To adjust lease payment receivable for principal payment received from Township				
07-492-0500	TRANSFER TO SEW.OPERATING		358,000.00	
07-100-1900	Lease payment receivable			358,000.00
Total			358,000.00	358,000.00
Adjusting Journal Entries JE # 106		5300MA01		
To gross up Lease Rental Collections				
07-200-2500	Note payable - DVRFA		74,000.00	
07-200-2501	Note Payable - 2008		284,000.00	
07-472-1000	M.C.-DVRFA-INTEREST PAYMN		365,972.00	
07-364-4200	Lease rental collections			723,972.00
Total			723,972.00	723,972.00
Adjusting Journal Entries JE # 107		5300MA05		
To record current year accrued interest				
07-100-1910	RESERVE FOR FUTURE CAPITAL EXPENDITURES		6,986.00	
07-200-3000	Accrued interest payable			6,986.00
Total			6,986.00	6,986.00



Expertise Beyond The Numbers

Client: 2500 - East Goshen Municipal Authority
 Engagement: 2013 - East Goshen Municipal Authority
 Period Ending: 12/31/2013
 Trial Balance: TB-Municipal Authority
 Workpaper: 3510MA05 - Adjusting Journal Entries Report

6/23/2014
 2:37 PM

Account	Description	W/P Ref	Debit	Credit
Adjusting Journal Entries JE # 108		4200MA05		
To record net investment in lease related to 2013 note issuance				
07-100-1900	Lease payment receivable		2,500,000.00	
07-100-1910	RESERVE FOR FUTURE CAPITAL EXPENDITURES			2,500,000.00
Total			<u>2,500,000.00</u>	<u>2,500,000.00</u>
Adjusting Journal Entries JE # 109		4200MA05		
To adjust for capital costs capitalized on Sewer Operating Fund (Township)				
07-100-1910	RESERVE FOR FUTURE CAPITAL EXPENDITURES		601,758.00	
07-426-1000	HERSHEY MILL STATION - ENGINEER			23,303.00
07-426-2000	HERSHEY MILL STATION - CONSTRUCTION			167,013.00
07-428-1000	RESERVOIR PUMP STATION - ENGINEER			7,023.00
07-428-1000	RESERVOIR PUMP STATION - ENGINEER			38,447.00
07-472-1000	M.C.-DVRFA-INTEREST PAYMN			365,972.00
Total			<u>601,758.00</u>	<u>601,758.00</u>
Adjusting Journal Entries JE # 110		9554MA		
To record note payable and loan fees for 2013 issuance				
07-393-1001	LOAN PROCEEDS-SEWER PROJECT		2,477,000.00	
07-424-5850	Loan fees		23,000.00	
07-200-2502	NOTE PAYABLE - 2013			2,500,000.00
Total			<u>2,500,000.00</u>	<u>2,500,000.00</u>

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 is included in the packet. June 9 – Changed “lease” to “leasee” 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
Need by 10/31/14
- 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**
- 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.

1st Quarter (March) – **Jack- Completed**
2nd Quarter (June) – **Ed- Completed**
3rd Quarter (September)
4th Quarter (December)
- f. Respond to capacity requests in 45 days or less.
211 Ellis Lane – 1 EDU existing house, 195 Wyllpen Place – 1 EDU existing house
- g. Continue to implement I & I Plan **April 14 – Status Report received**
- h. Operate RCSTP in compliance with NPDES Permit

January, February, March, May,



July 9, 2014

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

**RE: Proposed Tie-in to East Goshen Sewers,
Troutbeck Farm, Willistown Township**

Dear Mr. Smith,

I am writing on behalf of the Chance Family Trust and Estate, of which I am a member. Pursuant to our conversation last year, I am writing to make a formal request to East Goshen Township for the provision of Sewer Services to the above captioned property. As shown on the enclosed Location Plan, our property comprises approximately 68 acres.

It is located 1,100 feet east of Hickory Lane, which is where the Willow Pond Subdivision is located. Presently treated by East Goshen Township, 13 lots of this subdivision are actually located in Willistown. Being in the Ridley Creek watershed, I understand that these lots are treated by the Ridley Creek WWTP.

Given the current inter-township arrangements for the Willow Pond lots, there is ample precedent for bringing in additional Willistown properties in the same watershed. We would request to bring on line an additional 44 D.U., of which 4 presently exist. The balance represents platted vacant lots or proposed lots. At 275 gpd per D.U., this represents 12,100 gpd. When we spoke, East Goshen had approximately 50,000 gpd in surplus allocation, so I trust that this request will be favorably received.

As you mentioned, there is the meeting of the Board on Monday when this request will be considered, and I will be able to attend to answer any questions. In the meantime, please let me know if you need any more information at this time. I thank you in advance for your consideration.

Regards,

William Lucas

cc: Gerald Lucas
Lillie Chance



Subject
Property
43 D.U.

Tie into ex. MH



THE COUNTY OF CHESTER



COMMISSIONERS
Ryan Costello
Kathi Cozzone
Terence Farrell

JEANNE CASNER, MPH, PMP
County Health Director

CHESTER COUNTY HEALTH DEPARTMENT
Water and Sewage Division
Chester County Government Services Center
601 Westtown Road, Suite 288
West Chester, PA 19380-0990
610-344-6526 FAX: 610-344-5934
www.chesco.org/health

June 23, 2014

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

RE: East Goshen Township
Minor Act 537 Plan Update Revision
Reservoir Road Pump Station



Dear Mr. Yahraes,

The Chester County Health Department (CCHD) is in receipt of the above noted Act 537 Plan Revision document. This Minor Revision was prepared by Pennoni Associates and dated May, 2014. It was received by CCHD on May 12, 2014 and has been reviewed in accordance with Title 25, Environmental Protection, Chapter 71, Administration of Sewage Facilities Planning Program, Chapter 71 § 71.31.(b.). We offer the following comments:

1. The Reservoir Road Pump Station, as described in this plan update, is the final phase of an ongoing plan to divert sewage from the Chester Creek Interceptor to the Ridley Creek Sewage Treatment Plant. This diversion will reduce wastewater flow from East Goshen to the West Goshen Sewage Treatment Plant.
2. This pump station was included in the design of recent upgrades to the Ridley Creek Sewage Treatment Plant and will increase operating efficiency and improve plant function, among other advantages.
3. Additional sewage treatment capacity to satisfy future needs in areas continuing to be served by the Chester Creek Interceptor will become available.
4. PA DEP had no objections to this diversion scheme and approved the Plan of Study on August 9, 2013.

CCHD has no objection to East Goshen Township Municipal Authority implementing the provisions of this plan.

East Goshen Municipal Authority
Minor Act 537 Plan Update Revision
Reservoir Road Pump Station
June 23, 2014

Thank you for the opportunity to review this Act 537 Plan Update Revision. Please do not hesitate to contact me with any questions at 610-344-6239

Sincerely,



cc: Rick Smith, East Goshen Township Manager
Michael J. Ellis, East Goshen Municipal Authority Engineer
Elizabeth Mahoney, PA DEP
CCPC
file

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

June 16, 2014

John M. Scott, Plant Manager
West Goshen Wastewater Treatment Plant
848 South Concord Road
West Chester, PA 19382

Re: Act 537 Plan Revision
Reservoir Road Pump Station
East Goshen Township, Chester County, PA

Dear John:

I am in receipt of Max Stoner's letter of June 9, 2014. Mike Ellis and I discussed your concerns with the East Goshen Municipal Authority at their meeting on June 9, 2014 and in response would offer the following:

The 1977 Agreement between the two Townships and two Authorities has two sections that are relevant.

Section 3.03a Delivery of Sewage Wastes states "...no Sewage Wastes from any parties Sewage Collection System shall be diverted directly or indirectly, to another treatment facility until the Reserved Capacity is reached; provided, however, that any flows from portions of the East Goshen collection System, originating outside the drainage basin of the Chester Creek may be diverted at any time at the sole options of East Goshen Authority or East Goshen as Lessee, upon giving 90 days written notice of such diversion to West Goshen and West Goshen Authority."

Section 10.01 Penalty of the Agreement notes that if one of the parties exceeds their Reserved Capacity the operator of the receiving facility may impose a penalty of 25% of the costs. The penalty increases to 50% after 120 days.

In 2013 our average daily flow to West Goshen was 827,646 gpd. However, the monthly average for February of 2013 was 1,004,657 gpd and in June of 2013 it was 1,057,984 gpd. The average for the first quarter of 2014 is 873,715 gpd.

My concern is that East Goshen does not want to be in a position in which we are over our 1,000,000 gpd limit at West Goshen for an extended period of time and therefore be subject to the penalty set forth in Section 10.01.

We estimate that it would take nine months to bid and construct the Reservoir Road Pump Station.

Our plan is to obtain the Act 537 Plan approval and the other permits required for the Reservoir Road Pump Station. Once we have these in hand we would then wait to construct the Pump Station until if and when it looks like we will exceed 1,000,000 gpd at West Goshen. Since you invoice us quarterly, I would suggest that we begin the construction process when there are two consecutive quarters in which the "average daily flow" exceeds 950,000 gpd. The pump station will not be placed in service until we have reached 1,000,000 mgd. If this is acceptable to you I will have Mike revise the project schedule to reflect this.

I would add that it is less expensive for us to treat wastewater at West Goshen than at Ridley, so we do not intend to divert flow until we absolutely have to and, we would not want to divert more than needed in order to keep us under 1,000,000 gpd.

With respect to the other projects in Max's letter both New Kent Apartments and the homes served by Hershey Mill Pump Station are outside of the Chester Creek drainage basin so the diversions are permitted pursuant to Section 3.03.

The homes served by the Marydell Pump Station were in the Chester Creek drainage basin and we appreciate your cooperation with that project. The pump station was literally on its last legs when we took it out of service.

If you have any questions, or think it would be helpful, Jack Yahraes, Authority Chairman; Mike Ellis and I would be happy to attend your Authority meeting on July 2, 2014

Sincerely,



Louis F. Smith, Jr.
Township Manger