

EAST GOSHEN MUNICIPAL AUTHORITY

August 13, 2012

Monday 7:00 PM

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE/MOMENT OF SILENCE
 - a. Ask if anyone will be taping the meeting?
2. CHAIRMAN'S REPORT/OTHER MEMBERS REPORTS
3. APPROVAL OF MINUTES
 - a. July 09, 2012
4. APPROVAL OF INVOICES

a. Pennoni #514183	\$	5,848.50
b. Pennoni #514184	\$	2,976.25
c. Pennoni #514185	\$	670.50
d. Pennoni #514186	\$	2,283.75
e. Pennoni #514187	\$	1,441.50
f. Gawthrop Greenwood #100326	\$	684.00
g. Gawthrop Greenwood #100917	\$	475.00
5. LIAISON REPORTS
6. FINANCIAL REPORTS
 - a. July 2012 Report
7. OLD BUSINESS
 - a. Letter from DEP on Application for Goshen Meadows Apartments, Planning Modules
8. GOALS
 - a. June Goals
9. NEW BUSINESS
10. CAPACITY REQUESTS
11. SEWER REPORTS
 - a. Director of Public Works Report
 - b. Pennoni Engineer's Report
 - d. Big Fish Environmental Inc Report with DMR's
 - e. East Goshen Township Flows for July 2012
12. ANY OTHER MATTER
13. CORRESPONDENCE AND REPORTS OF INTEREST

14. PUBLIC COMMENT

15. ADJOURNMENT

Reminder – NEWSLETTER ARTICLE SUBMISSION DUE DATES:

Article Due Date

Aug 1, 2012

Website Posting Date

Oct. 1, 2012

draft
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
July 9, 2012

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday, July 9, 2012 at 7:00pm at the East Goshen Township building. Members in attendance were: Chairman Dana Pizarro, Vice Chairman Fran Beck, and Joe McCawley. Also in attendance were: Rick Smith (Township Manager), Dan Barbato (Pennoni), Bob Adams, Scott Towler (BFES), Walter Wujick (Conservancy Board), and George Martynick (Planning Commission).

Call to Order & Pledge of Allegiance

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

Approval of Minutes

The Chairman noted that the minutes of the June 11, 2012 meeting were approved as corrected.

Approval of Invoices

Joe moved to approve payment of Pennoni invoices:

#511381	\$ 2,125.00
#511382	\$ 707.25
#511383	\$ 1,142.00
#511384	\$ 7,009.25
#511385	\$ 3,050.25

Fran seconded. The motion passed unanimously.

Joe moved to approve payment of Gawthrop Greenwood invoices:

#99747	\$ 570.00
#100326	\$ 114.00

Fran seconded. The motion passed unanimously.

Joe moved to approve payment of Mallie Falconiero & Co invoice #1000016943 \$7,900.00.

Fran seconded. The motion passed unanimously.

Fran moved to approve payment of Chester Co Conservation invoices:

Reserve	\$ 250.00
HM PS	\$ 250.00

Joe seconded. The motion passed unanimously.

Fran moved to approve payment of invoices for Lockwood closing:

Xylem Godwin #400230917	\$ 4,780.00
Power Pro Equip #P42685	\$ 450.00
Lenni Electric #12640	\$ 352.68

Joe seconded. The motion passed unanimously.

Joe moved to approve payment of SJM invoice \$42,086.94. Fran seconded. The motion passed unanimously.

1 **Liaison Reports**

2 1. Conservancy Board – Walter reported that the Board wants to officially name the
3 new forest area at Line Road and Paoli Pike. They are working to expand the areas where they
4 will remove invasives. They are planning to replant the E. Boot Road area that was cleaned out
5 by Mark Miller.
6

7 **Financial Reports**

8 1. Jon Altshul, CFO, provided reports in a new format that the Authority members
9 found easier to understand.

10 2. A memo listing township staff costs for the Lockwood closing was reviewed. Joe
11 moved to pay the Township from the Authority for the 3 items totaling \$7,780.40. Fran
12 seconded the motion. The motion passed unanimously.
13

14 **Old Business**

15 1. Project Update – Mike Ellis of Pennoni Associates, provided a Sewer Diversion
16 Report with projected schedules for Marydell, Reserve and Hershey Mill projects. Projected
17 completion for Marydell is July 2013, for Hershey Mill is July 2013, and for Reserve October
18 2013. There was discussion about bids. Rick commented that Marydell needs to go to bid first.
19

20 **Goals**

21 1. Newsletter – Dana will do an article for the Fall Newsletter which is due August 1st.
22

23 **New Business**

24 1. Resolution 31 – The members reviewed Resolution 31 to adopt certain financial
25 policies and procedures. Fran moved to approve adoption of Resolution 31. Joe seconded the
26 motion. The motion passed unanimously.
27

28 **Capacity Requests**

29 1. The Authority members reviewed the Conditional Use plan for 1325 West
30 Chester Pike (Goshen Meadows). The applicant has requested sewage flow allocation for the
31 new 64-unit apartment community. Joe moved to approve the request from Goshen Meadows
32 for sewage flow allocation. Fran seconded the motion. The motion passed unanimously.
33

34 **Sewer Reports**

35 1. Mark Miller, Director of Public Works, provided the following report for June:
36 The Public Works Dept. started the closure of the Lockwood Plant on June 18th when
37 they fabricated a floating dock for the pump. The actual earth moving began June 21st,
38 they hauled approximately 12,000 yards at no cost to the Authority with the exception of
39 the heavy equipment. They had to hire dump trucks to move the 3000 yards of dirt that
40 were stock piled in Milltown which took two days to move. They brought in 136 tons
41 of lime to cover the sludge from the first pond. So far the job has gone very well and the
42 neighbors have been very cooperative. They stayed in contact with the Homeowners
43 Association explaining what was being done on a weekly basis. No complaints have
44 been received. Photos were attached. The Authority members appreciated the photos.
45 Meters: Have been read with no problems to report.

1 C.C. Collection: Pumping Stations have been visited on a daily basis, bar screens were
2 cleaned and the wet well was washed down. We were notified of three lateral backups,
3 each was cleared with the use of the trap plunger.

4 R.C. Collection: No problems to report.

5 Ridley Creek Plant: The meter has been ordered that was approved last month.

6 Mark met with Mike Ellis regarding the Muffin Monster that was approved last month to
7 discuss the installation. Rick and Mark decided to install the unit in-house rather than
8 bidding out. Mark will have Lenni Electric complete the electric and Public Works will
9 install the unit.

10 PA-One Calls: They responded to 131 PA One Calls for June.

11 A dozen caps were installed on the systems.

12
13 2. Dan Barbato, Pennoni, provided the engineer's report:

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

15 Ridley Creek Sewage Treatment Plant (RCSTP) – No activity this period. We will assist
16 with supporting and reviewing warranty claims and with plant troubleshooting as
17 requested.

18 LCSTP Elimination

19 All Sewers and manholes have been tested and televised. Restoration has also been
20 performed including grading, seeding, mulching, paving and curb replacement.
21 Remaining work includes abandoning existing sewers and manholes in-place with
22 flowable, fill, preparation of as-built plans, and minor punchlist work (such as one
23 castiron box may still need to be installed over one cleanout). The flowable fill work is
24 scheduled for Thursday, July 12.

25 We have performed on-site, part-time construction inspection services throughout the
26 duration of this work. We have also continued to provide in-office construction support
27 as needed.

28 We anticipate the contractor will submit Invoice #2 by Friday, July 6th. We have already
29 measured quantities for the invoice with the contractor.

30 Hershey's Mill PS Diversion and Preserve PS Elimination

31 We submitted the Reserve PS and the Hershey's Mill PS GP-5 "General Permit for
32 Utility Line Stream Crossing" application to DEP on June 27 and June 22 respectively.
33 We will make Erosion and Sedimentation Control submissions for both projects to the
34 Chester Co Conservation District by Friday July 6th.

35 We are preparing a Closure Plan for the Reserve PS and a Part 2 WQM Permit
36 Amendment for the Hershey's Mill PS, now that the details of construction (i.e. manhole
37 connections, pipe materials, sewer routing, etc.) have generally been agreed-upon, and we
38 expect to submit both to DEP by the end of July.

39 Marydell PS Elimination

40 We met with PECO on-site on June 26 to discuss overhead and underground utility
41 locations and conflicts. If any part of a trench is within 4 feet of a utility pole, the pole
42 must be braced by PECO. We are tentatively planning to review the route of the new
43 sewer to be directly under the edge of the Paoli Pike shoulder instead of on the shopping
44 center side of the utility poles in order to avoid clearing 5+ trees and to minimize
45 construction challenges associated with the overhead electric lines. However, there is an

1 underground gas anode line that may be in the exact location of the revised sewer,
2 although the sewer would be significantly deeper.

3 We have also received additional information and utility plans for Verizon about their
4 telecommunications ductbank that was marked-out just inside the Paoli Pike travel lane
5 (just inside the white line). Verizon has informed us that the ductbank is not concrete
6 encased. They have also informed us that they own the conduits, but AT&T runs lines
7 through them.

8 To determine with certainty if this revised location is feasible for the sewer, we have
9 coordinated with the Township to perform three soft-dig exploratory test pits along the
10 Paoli Pike shoulder. We prepared a PennDOT Highway Occupancy Permit (HOP)
11 application for the test pits, and the permit was issued on July 3.

12 We have also prepared a separate HOP application for the sewer construction, but it has
13 not yet been submitted. Depending upon when the test pits are scheduled, we may
14 submit the HOP application before performing the test pits to get PennDOT's review
15 process underway. This application proposes a jack & bore (trenchless) installation
16 across Boot Road and open-cut trenching for the remainder of the work. The Paoli Pike
17 crossing at Saratoga Drive is proposed to occur at night with a full road closure and
18 detour.

19 We are preparing a Closure Plan for the Marydell PD that we may expect to submit to
20 DEP by the end of July, pending final determination of the sewer location.

21 Hershey's Mill PS Capacity Evaluation

22 We previously performed drawdown testing at the pump station and an analysis of pump
23 and system curves to verify the station has capacity to handle peak instantaneous flows
24 following the Lockwood Chase diversion. One pump was found to have inadequate
25 capacity. The Township quickly replaced the pump. We performed a follow-up
26 drawdown test on June 11. During the test, the flow meter showed that the replaced
27 pump was still not pumping at required capacity, but our follow-up calculations indicate
28 that it likely does have adequate capacity.

29 Hershey's Mill Muffin Monster

30 We expect to have a concept design completed by the end of July. We will then set up a
31 meeting on-site with all applicable parties (Pennoni, Township and Public Works, the
32 Township's controls contractor, and the Muffin Monster supplier) to review the concept
33 and determine who will perform the construction (Public Works or a contractor) and how
34 the materials will be acquired (direct purchase by Authority or by contractor.)
35

36 3. Big Fish Environmental Services, Inc., Scott Towler presented the following:

37 Treatment Process Operation

38 Sequencing batch reactors (SBRs) numbered 1, 3, & 4 were in service during the month
39 of June. SBR No. 2 remains out of service with approximately a mixture of 1 foot of
40 sludge and rainwater within the tank. Efforts to clean the tank using a submersible pump
41 rated with a TDH of 100 ft resulted in tripping the 20 amp circuit breaker. Replacement
42 of the 20-amp circuit with a 30-amp circuit breaker, cleaning of SBR No.2 will be
43 scheduled to transfer the contents to sludge holding tank No. 2.

44 During the month of May, there were no exceedances of the permitted effluent
45 limitations. On site analysis of split, samples with the certified contract laboratory are
46 ongoing. Trend data indicates consistent patterns of the onsite analysis test results are

1 generally greater than the contract laboratory, with the exception of total suspended
2 solids. Steps to improve the precision of onsite analysis included rinsing all glassware
3 used for phosphorus analysis with a 10% v/v solution of hydrochloric acid solution.
4 Duplicate sample analysis is ongoing and purchase of a NIST standard (and associates
5 glassware) is under investigation.

6 Adjustments to the SBR process during June include lowering the mixed liquor
7 concentration (MLSS) to lower the food to mass ratio (F:M ratio) to eliminate the
8 conditions of a long sludge age and low F:M ratio. Filamentous bacteria identified as
9 *Microthrix parvicella* thrives under the conditions of long SRT and low F:M ratios.
10 Adjusting the SBR control set points to adjust for the increased ambient temperatures
11 (effluent temperatures around 23°C), increased settle times and management of extended
12 anoxic/anaerobic conditions resultant of settle and idle times (100-120 minutes). A
13 summary of the flow data for May and June 2012 was presented for review.

14 Solids Dewatering and Disposal

15 The centrifuge dewatering system was not operated during the month of June. During the
16 month, sludge wasting and decanting of the sludge holding tanks was ongoing. The
17 sludge holding tank sludge was monitored for pH and alkalinity on average twice per
18 week and total solids once per week.

19 Sludge holding tank No. 1 began the month as 0.71% total solids and ended the month at
20 0.99% total solids.

21 Sludge holding tank No. 2 began the month as 0.78% total solids and ended the month at
22 0.87% total solids.

23 The present rate of sludge thickening suggests a target sludge concentration of 1.0 to
24 1.2% total solids is anticipated during July, therefore providing adequate conditions for
25 operation of the centrifuge sludge dewatering system.

26 Maintenance, Repairs and Warranty

27 Outstanding: Centrifuge replacement parts Worth & Co to replace parts used for
28 warranty repair. ACTION: BFESI will provide Worth & Co a letter requesting
29 resolution of the matter on or before October 1, 2012.

30 Outstanding: JWC fine screen has a failed UPS- Worth & Co informed. ACTION:
31 Corrected. BFESI personnel installed the replacement UPS provided by Worth & Co.

32 Outstanding: Leaking PVC valves for alum piping to SBRs. ACTION: Worth repaired
33 valve. Issue resolved.

34 Outstanding: Sludge holding tank aeration piping paint is failing. Unresolved.

35 Outstanding: SBR no. 4 Alum valve fails to open. Unresolved.

36 Scheduled Maintenance/Repairs

37 Installed a vent pipe for the centrifuge drain line as recommended by former Alfa Laval
38 service Manager.

39 Installed piping and valve to flush out polymer and sludge fed piping to the centrifuge
40 from the centrifuge pump discharge piping.

41 Replaced the oil and extended sight tubes for all five (5) SBR blowers.

42 Replaced the UV lamps and quartz sleeves for UV Bank No.1, Module 1. Removed all
43 UV modules, cleaned and washed. Cleaned UV channel and returned all equipment to
44 service.

1
2 **Any Other Matter**

- 3 1. ARC Flash training – Dana feels it should be considered. Scott commented that they
4 use Lenni Electric for this.
5 2. Open House – The date for the open house was discussed. Rick suggested the 1st
6 week of October to coincide with the Township Fall Newsletter.
7 3. PMA meeting – Dana will attend.
8

9 **Correspondence and Reports of Interest** - None

10
11 **Public Comment** – None

12
13 **Adjournment**

14 There being no further business, Fran moved to adjourn the meeting. Joe seconded the motion.
15 The motion passed unanimously. The meeting was adjourned at 8:00pm.
16

17 Respectfully submitted,

18
19
20 Ruth Kiefer
21 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 # : 514183
Invoice Date : 07/25/2012
Project : EGMA1107
Project Name : HersheyMill & Reserve PS Div Des
Per

For Services Rendered through: 07/15/2012

Evaluation of pipe materials for Reserve PS stream crossing. Field recon to both sites. Prepare and submit GP-5 "Utility Line Stream Crossings" applications to DEP for both diversions. Prepare and submit E&S plans, narratives, and supporting documents to CCCD for both projects. Prepare exhibits of proposed rock boring locations for both projects.

Phase : 1 -- Design

Total Phase : 1 -- Design

Labor :	1,504.25
Expense :	0.00
Phase Total :	1,504.25

Phase : 4 -- E&SPC Permitting

Total Phase : 4 -- E&SPC Permitting

Labor :	3,241.50
Expense :	0.00
Phase Total :	3,241.50

Phase : 6 -- PADEP General Permits

Total Phase : 6 -- PADEP General Permits

Labor :	1,102.75
Expense :	0.00
Phase Total :	1,102.75

Amount Due This Invoice

\$5,848.50

Fee :	60,200.00
Prior Billings :	16,811.00
Current Billings :	5,848.50
Total Billings :	22,659.50

*ok TRS
SPLIT 50/50*

7426-1000

7427-1000

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

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Phase : 1 -- Design

Labor Class	Hours/Units	Rate	Amount
Project Engineer	9.50	93.00	883.50
Associate Engineer	6.50	83.00	539.50
Engineering Technician I	1.25	65.00	81.25
Labor Total:	17.25		1,504.25

Total Phase : 1 -- Design	Labor :	\$1,504.25
	Expense :	\$0.00

Phase : 4 -- E&SPC Permitting

Labor Class	Hours/Units	Rate	Amount
Project Engineer	8.75	93.00	813.75
Associate Engineer	29.25	83.00	2,427.75
Labor Total:	38.00		3,241.50

Total Phase : 4 -- E&SPC Permitting	Labor :	\$3,241.50
	Expense :	\$0.00

Phase : 6 -- PADEP General Permits

Labor Class	Hours/Units	Rate	Amount
Authority Engineer	0.25	110.00	27.50
Project Engineer	10.00	93.00	930.00
Associate Engineer	1.75	83.00	145.25
Labor Total:	12.00		1,102.75

Total Phase : 6 -- PADEP General Permits	Labor :	\$1,102.75
	Expense :	\$0.00

Total Project : EGMA1107 -- HersheyMill & Reserve PS Div Des Per	Labor :	\$5,848.50
	Expense :	\$0.00

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

East Goshen Municipal Authority
EGMA1107 Invoice Summary
Invoice Date 7/25/2012

Project: EGMA1107
Pennoni Job No.: Hershey Mill & Reserve PS Div Des Per
Invoice No: 514183
Invoice Period: 6/18/2012 to 7/15/2012
Initial Authorization: \$ 60,200.00 **Date:** 7/7/2011
Contract Amount: \$ 60,200.00
Previously Invoiced: \$ 16,811.00
Current Invoice: \$ 5,848.50
Invoiced to Date (\$): \$ 22,659.50
Invoiced to Date (%): 38%
Remaining Budget (\$): \$ 37,540.50
Remaining Budget (%): 62%

Budget by Phase:

Phase No. ****
Phase Name: Hershey Mill & Reserve
Phase Budget: \$ 60,200.00
Previously Invoiced: \$ 16,811.00
Current Invoice: \$ 5,848.50
Invoiced to Date (\$): \$ 22,659.50
Invoiced to Date (%): 38%
Remaining Budget (\$): \$ 37,540.50
Remaining Budget (%): 62%

Comments: Evaluation of pipe materials for Reserve PS stream crossing. Field recon to both sites.
Prepare and submit GP-5 "Utility Line Stream Crossings" applications to DEP for both diversions.
Prepare and submit E&S plans, narratives, and supporting documents to CCCD for both projects.
Prepare exhibits of proposed rock boring locations for both projects.



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

Invoice # : 514184
Invoice Date : 07/25/2012
Project : EGMA1109
Project Name : Marydell Pump Station Diversion

For Services Rendered through: 07/15/2012

Sewer alignment design along Paoli Pike including a field meeting with PECO and coordination with Verizon to identify utility conflicts. Prepare and submit PennDOT HOP application for test pits; obtain permit.

Phase : 1 -- Design

Total Phase : 1 -- Design

Labor :	1,836.25
Expense :	0.00
Phase Total :	1,836.25

Phase : 4 -- PennDOT Highway Occupancy Permits

Total Phase : 4 -- PennDOT Highway Occupancy Permits

Labor :	1,140.00
Expense :	0.00
Phase Total :	1,140.00

Amount Due This Invoice

\$2,976.25

Fee :	45,100.00
Prior Billings :	6,524.00
Current Billings :	2,976.25
Total Billings :	9,500.25

ok RS

7425-1000

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

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Phase : 1 -- Design

Labor Class	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
Project Engineer	7.25	93.00	674.25
Associate Engineer	14.00	83.00	1,162.00
Labor Total:	21.25		1,836.25

Total Phase : 1 -- Design

Labor : \$1,836.25
Expense : \$0.00

Phase : 4 -- PennDOT Highway Occupancy Permits

Labor Class	<i>Hours/ Units</i>	<i>Rate</i>	<i>Amount</i>
Authority Engineer	0.50	110.00	55.00
Project Engineer	4.75	93.00	441.75
Associate Engineer	7.75	83.00	643.25
Labor Total:	13.00		1,140.00

Total Phase : 4 -- PennDOT Highway Occupancy Permits

Labor : \$1,140.00
Expense : \$0.00

Total Project : EGMA1109 -- Marydell Pump Station Diversion

Labor : \$2,976.25
Expense : \$0.00

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

East Goshen Municipal Authority
EGMA 1109 Invoice Summary
Invoice Date 7/25/2012

Project: EGMA1109
Pennoni Job No.: Marydell Pump Station Diversion
Invoice No: 514184
Invoice Period: 6/18/2012 to 7/15/2012
Initial Authorization: \$ 45,100.00 **Date:** 2/22/2012
Contract Amount: \$ 45,100.00
Previously Invoiced: \$ 6,524.00
Current Invoice: \$ 2,976.25
Invoiced to Date (\$): \$ 9,500.25
Invoiced to Date (%): 21%
Remaining Budget (\$): \$ 35,599.75
Remaining Budget (%): 79%

Budget by Phase:

Phase No. ****
Phase Name: Marydell Pump
Station Diversion
Phase Budget: \$ 45,100.00
Previously Invoiced: \$ 6,524.00
Current Invoice: \$ 2,976.25
Invoiced to Date (\$): \$ 9,500.25
Invoiced to Date (%): 21%
Remaining Budget (\$): \$ 35,599.75
Remaining Budget (%): 79%

Comments: Sewer alignment design along Paoli Pike including a field meeting with PECO and coordination with Verizon to identify utility conflicts. Prepare and submit PennDOT HOP application for test pits; obtain permit.



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

Invoice #: 514185
Invoice Date: 07/25/2012
Project: EGMA1201
Project Name: 2012 General Services

For Services Rendered through: 07/15/2012

Engineer's report for June. Attend July MA meeting. Locate and send RCSTP Arc Flash report to S. Towler.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor :	670.50
Expense :	0.00
Phase Total :	670.50

Amount Due This Invoice

Fee :	10,000.00
Prior Billings :	2,916.75
Current Billings :	670.50
Total Billings :	3,587.25

\$670.50

Phase : **** -- Professional Services

Labor

Class	Hours/ Units	Rate	Amount
Authority Engineer	5.25	110.00	577.50
Project Engineer	1.00	93.00	93.00
Labor Total:	6.25		670.50

Total Phase : **** -- Professional Services

Labor :	\$670.50
Expense :	\$0.00

Total Project : EGMA1201 -- 2012 General Services

Labor :	\$670.50
Expense :	\$0.00

OK RS

7424-1006

East Goshen Municipal Authority
EGMA1201 Invoice Summary
Invoice Date 7/25/2012

Project: EGMA1201
Pennon Job No.: 2012 General Services
Invoice No: 514185
Invoice Period: 6/18/2012 to 7/15/2012
Initial Authorization: \$ 10,000.00 **Date:** 2/22/2012
Contract Amount: \$ 10,000.00
Previously Invoiced: \$ 2,916.75
Current Invoice: \$ 670.50
Invoiced to Date (\$): \$ 3,587.25
Invoiced to Date (%): 36%
Remaining Budget (\$): \$ 6,412.75
Remaining Budget (%): 64%

Budget by Phase:

Phase No. ****
Phase Name: 2012 General Services
Phase Budget: \$ 10,000.00
Previously Invoiced: \$ 2,916.75
Current Invoice: \$ 670.50
Invoiced to Date (\$): \$ 3,587.25
Invoiced to Date (%): 36%
Remaining Budget (\$): \$ 6,412.75
Remaining Budget (%): 64%

Comments: Engineer's report for June. Attend July MA meeting. Locate and send RCSTP Arc Flash report to S. Towler.



INVOICE

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

Invoice # : 514186
Invoice Date : 07/25/2012
Project : EGMA1204
Project Name : Lockwood Chase Construction
Phase S

For Services Rendered through: 07/15/2012

Review of payroll certs and Payment Request #2. Coordination and scheduling of CCTV, mandrel testing, and flowable fill work with SJM and Public Works. Assist with alternatives for solids handling from lagoons. On-site construction inspection as requested, including pressure testing, vacuum testing, TV inspection, mandrel testing, flowable fill work, and pipe cut/cap operations.

Phase : **** -- Professional Services

Total Phase : **** -- Professional Services

Labor : 2,283.75
Expense : 0.00
Phase Total : 2,283.75

Amount Due This Invoice

2,283.75

Fee : 19,297.50
Prior Billings : 17,013.75
Current Billings : 2,283.75
Total Billings : 19,297.50

Phase : **** -- Professional Services

Labor Class	Hours/Units	Rate	Amount
Authority Engineer	0.75	110.00	82.50
Project Engineer	8.75	93.00	813.75
Technical Specialist	18.50	75.00	1,387.50
Labor Total:	28.00		2,283.75

Total Phase : **** -- Professional Services

Labor : \$2,283.75
Expense : \$0.00

Total Project : EGMA1204 -- Lockwood Chase Construction Phase S

Labor : \$2,283.75
Expense : \$0.00

ok RS 7475
7424-1000

East Goshen Municipal Authority
EGMA1204 Invoice Summary
Invoice Date 7/25/2012

Project: EGMA1204
Pennoni Job No.: Lockwood Chase Construction Phase S
Invoice No: 514186
Invoice Period: 6/18/2012 to 7/15/2012
Initial Authorization: \$ 16,000.00 **Date:** 2/22/2012
Contract Amount: \$ 19,297.50
Previously Invoiced: \$ 17,013.75
Current Invoice: \$ 2,283.75
Invoiced to Date (\$): \$ 19,297.50
Invoiced to Date (%): 100%
Remaining Budget (\$): \$ -
Remaining Budget (%): 0%

Budget by Phase:
Phase No. ****
Construction Phase
Phase Name: S
Phase Budget: \$ 19,297.50
Previously Invoiced: \$ 17,013.75
Current Invoice: \$ 2,283.75
Invoiced to Date (\$): \$ 19,297.50
Invoiced to Date (%): 100%
Remaining Budget (\$): \$ -
Remaining Budget (%): 0%

Comments: Review of payroll certs and Payment Request #2. Coordination and scheduling of CCTV, mandrel testing, and flowable fill work with SJM and Public Works. Assist with alternatives for solids handling from lagoons. On-site construction inspection as requested, including pressure testing, vacuum testing, TV inspection, mandrel testing, flowable fill work, and pipe cut/cap operations.



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 # : 514187
Invoice Date : 07/25/2012
Project : EGMA1206
Project Name : Hershey Mill PS Muffin Monster
Desi

For Services Rendered through: 07/15/2012

Initiate mechanical layout and gathering of vendor information. Begin preparation of mechanical plans and control building details.

Phase : ** -- Professional Services**

Total Phase : ** -- Professional Services**

Labor :	1,441.50
Expense :	0.00
Phase Total :	1,441.50

Amount Due This Invoice

Fee :	12,000.00
Prior Billings :	0.00
Current Billings :	1,441.50
Total Billings :	1,441.50

\$1,441.50

Phase : ** -- Professional Services**

Labor

<u>Class</u>	<u>Hours/ Units</u>	<u>Rate</u>	<u>Amount</u>
Project Engineer	15.50	93.00	1,441.50
Labor Total:	15.50		1,441.50

Total Phase : ** -- Professional Services**

Labor :	\$1,441.50
Expense :	\$0.00

Total Project : EGMA1206 -- Hershey Mill PS Muffin Monster Desi

Labor :	\$1,441.50
Expense :	\$0.00

OK PS

7424 - 7473

East Goshen Municipal Authority
EGMA1206 Invoice Summary
Invoice Date 7/25/2012

Project: EGMA1206
Pennoni Job No.: Hershey Mill PS Muffin Monster Design
Invoice No: 514187
Invoice Period: N/A to 7/15/2012
Initial Authorization: \$ 12,000.00 **Date:** 5/15/2012
Contract Amount: \$ 12,000.00
Previously Invoiced: \$ -
Current Invoice: \$ 1,441.50
Invoiced to Date (\$): \$ 1,441.50
Invoiced to Date (%): 12%
Remaining Budget (\$): \$ 10,558.50
Remaining Budget (%): 88%

Budget by Phase:

Phase No. ****
Phase Name: Muffin Monster Design
Phase Budget: \$ 12,000.00
Previously Invoiced: \$ -
Current Invoice: \$ 1,441.50
Invoiced to Date (\$): \$ 1,441.50
Invoiced to Date (%): 12%
Remaining Budget (\$): \$ 10,558.50
Remaining Budget (%): 88%

Comments: Initiate mechanical layout and gathering of vendor information.
Begin preparation of mechanical plans and control building details.



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
06/30/2012
Client No: 6604-01M
Invoice No. 100326

General Authority Services

Fees

		Hours	
06/08/2012	RFA		
	Review packet for Authority meeting of 6/11; Message to Rick Smith regarding R Adams absence at meeting.	0.60	
	For Current Services Rendered	0.60	114.00

		Recapitulation		
<u>Timekeeper</u>		<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Robert F. Adams		0.60	\$190.00	\$114.00

Previous Balance	\$570.00
Total Current Charges	114.00
Balance Due	<u>\$684.00</u>

ok IRS

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.



Gawthrop Greenwood, PC
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East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
07/31/2012
Client No: 6604-01M
Invoice No. 100917

General Authority Services

Fees

		Hours	
07/09/2012	RFA		
	Review packet for 7/9/12 Authority meeting; attend regular meeting of Authority.	2.50	
	For Current Services Rendered	2.50	475.00

Recapitulation

<u>Timekeeper</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Robert F. Adams	2.50	\$190.00	\$475.00
Previous Balance			\$684.00
Total Current Charges			475.00

07/13/2012	Fee Payment		-684.00
	Balance Due		<u>\$475.00</u>

o/c 175

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

Memo

To: Municipal Authority
From: Jon Altshul
Re: July 2012 Financial Report
Date: August 7, 2012

Attached please find the July Financial Report for the Municipal Authority. Total expenses were \$127,413.20, compared with total revenue of \$100,012.30 (primarily due to a \$100,000 transfer from the sewer capital reserve fund), for a net change in fund balance of -\$27,400.95.

Please note as well that July expenditures include \$46,634.51 related to the Lochwood elimination project, for which invoices still require Municipal Authority approval at your August 13th meeting.

EAST GOSHEN TOWNSHIP
 1580 PAOLI PIKE
 WEST CHESTER, PA
 Municipal Authority
 July 2012

Account Title	Acct #	Annual Budget	Month To Date		Year To Date	
			Actual		Actual	
MUNICIPAL AUTHORITY BEGINNING FUND BALANCE			79,684.88			
RCSTP BUDGET						
REVENUE						
INTEREST EARNED - RCSTP EXPANSION	07341 1020	0.00	6.48		61.04	
GRANT REVENUE	07392 0800	0.00	0.00		0.00	
TOTAL REVENUE		0.00	6.48		61.04	
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		1,228.08	
R.C. CAP EXP CONTINGENCY CAPITAL	07424 7454	0.00	0.00		0.00	
R.C. CAP EXP CONTINGENCY ONGOING	07424 7455	0.00	0.00		0.00	
R.C. CAP EXP ADDITIONAL CONTINGENCY	07424 7456	0.00	0.00		0.00	
TRANSFER TO AUTHORITY CAP FUND	07492 0990	0.00	0.00		0.00	
TOTAL EXPENSES		0.00	0.00		1,228.08	
RCSTP NET RESULT		0.00	6.48		(1,167.04)	

EAST GOSHEN TOWNSHIP
 1580 PAOLI PIKE
 WEST CHESTER, PA
 Municipal Authority
 July 2012

Account Title	Acct #	Annual Budget	Month To Date Actual	Year To Date Actual
OPERATING BUDGET				
REVENUE				
INTEREST EARNINGS	07341 1000	0.00	5.80	26.17
C.C. TAPPING FEES	07364 1100	2,000.00	0.00	0.00
R.C.TAPPING FEES	07364 1110	2,000.00	0.00	4,000.00
CONNECTION FEES - SEWER	07364 1130	0.00	0.00	845.64
MISCELLANEOUS REVENUE	07380 1000	1,000.00	0.00	423.36
TRANSFER FROM SEWER OPERATING	07392 0500	125,000.00	0.00	30,700.00
TOTAL REVENUE		130,000.00	5.80	35,995.17
EXPENSES				
ADMINISTRATIVE WAGES	07424 1400	37,669.00	0.00	16,783.88
MISCELLANEOUS EXPENSE	07424 3000	4,162.00	0.00	950.00
MUNIC.AUTH.-AUDITING	07424 3110	8,843.00	7,900.00	7,900.00
ENGINEERING SERVICES	07424 3130	37,066.00	1,142.00	22,307.00
LEGAL SERVICES	07424 3140	12,485.00	684.00	4,295.68
M.C.-DVRFA-DEBT SERVICE	07471 1000	19,600.00	0.00	0.00
M.C.-DVRFA-INTEREST PAYMIN	07472 1000	6,981.00	0.00	0.00
TOTAL EXPENSES		126,806.00	9,726.00	52,236.56
OPERATING NET RESULT		3,194.00	(9,720.20)	(16,241.39)

EAST GOSHEN TOWNSHIP
 1580 PAOLI PIKE
 WEST CHESTER, PA
 Municipal Authority
 July 2012

Account Title	Acct #	Annual Budget	Month To Date		Year To Date	
			Actual		Actual	
CAPITAL BUDGET						
REVENUE						
LOAN PROCEEDS-SEWER PROJECT	07392 0804	0.00	0.00	0.00	0.00	0.00
TRANSFER FROM SEWER CAP RESERVE	07392 0900	828,000.00	100,000.00	100,000.00	300,000.00	300,000.00
TOTAL REVENUE		828,000.00	100,000.00	100,000.00	300,000.00	300,000.00
EXPENSES						
MARYDELL PUMP STATION - ENGINEER	07425 1000	51,764.00	707.25	707.25	3,259.75	3,259.75
MARYDELL PUMP STATION -CONSTRUCTION	07425 2000	170,000.00	0.00	0.00	0.00	0.00
LOCHWOOD ABANDONMENT ENGINEER	07424 7475	37,553.00	7,009.25	7,009.25	34,382.25	34,382.25
LOCHWOOD ABANDONMENT CONSTRUCTION	07424 7476	411,000.00	65,542.34	65,542.34	171,016.31	171,016.31
LOCHWOOD ELIMINATION PHASE 2	07424 7477	0.00	39,253.14	39,253.14	44,835.82	44,835.82
HERSHEY MILL STATION - ENGINEER	07426 1000	29,069.00	4,112.75	4,112.75	10,115.50	10,115.50
HERSHEY MILL STATION - CONSTRUCTION	07426 2000	46,000.00	0.00	0.00	0.00	0.00
RESERVE PUMP STATION - ENGINEER	07427 1000	29,069.00	0.00	0.00	5,307.50	5,307.50
RESERVE PUMP STATION - CONSTRUCTION	07427 2000	93,000.00	0.00	0.00	0.00	0.00
RESERVOIR PUMP STATION - ENGINEER	07428 1000	0.00	1,062.50	1,062.50	0.00	0.00
RESERVOIR PUMP STATION CONSTRUCTION	07428 2000	0.00	0.00	0.00	0.00	0.00
TOTAL EXPENSES		867,455.00	117,687.23	117,687.23	268,917.13	268,917.13
CAPITAL NET RESULT		(39,455.00)	(17,687.23)	(17,687.23)	31,082.87	31,082.87
MUNICIPAL AUTHORITY ENDING FUND BALANCE			52,283.93	52,283.93		

4GRP18 run by BRIAN 2 : 12 PM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07341-1000						0.00				
	INTEREST EARNINGS									
	1201 JE		31221		0.62		02/07/12	INTEREST		INTEREST EARNED JAN. 2012 7100.1000
				0.00	0.62	-0.62				
	1202		31655		0.25		03/14/12	INTEREST		INTEREST EARNED FEB. 2012 7100.1000
				0.00	0.25	-0.87				
	1203		31930		0.56		04/04/12	INTEREST		INTEREST EARNED MARCH 2012 7100.1000
				0.00	0.56	-1.43				
	1204		32293		4.97		05/02/12	INTEREST		INTEREST EARNED APRIL 2012 7100.1000
				0.00	4.97	-6.40				
	1205		32709		6.93		06/05/12	INTEREST		INTEREST EARNED MAY 2012 7100.1000
				0.00	6.93	-13.33				
	1206		33106		7.04		07/03/12	INTEREST		INTEREST EARNED JUNE 2012 7100.1000
				0.00	7.04	-20.37				
	1207		33554		5.80		08/06/12	INTEREST		INTEREST EARNED JULY 2012 7100.1000
				0.00	5.80	-26.17				
				0.00	26.17	-26.17				
07341-1020						0.00				
	INTEREST EARNED - RCSTP EXPANSION									
	1201		31222		0.40		02/07/12	INTEREST		INTEREST EARNED JAN. 2012 7105.1000
			31223		7.80		02/07/12	INTEREST		INTEREST EARNED JAN. 2012 7109.2000
			31270		0.05		02/09/12	INTEREST		INTEREST EARNED JAN. 2012 7105.1500
				0.00	8.25	-8.25				
	1202		31656		0.30		03/14/12	INTEREST		INTEREST EARNED FEB. 2012 7105.1000
			31657		7.30		03/14/12	INTEREST		INTEREST EARNED FEB. 2012 7109.2000
				0.00	7.60	-15.85				
	1203		31931		0.15		04/04/12	INTEREST		INTEREST EARNED MARCH 2012 7105.1000
			31932		9.54		04/04/12	INTEREST		INTEREST EARNED MARCH 2012 7109.2000

MPRE18 run by BRIAN 2 : 12 PM

Acct #	Per	Src	Trx #	Debits	Credits	Reg/End Bal	Date	Check/Ref #	ID #	Name/Description
				0.00	9.69	-25.54				
1204			32294		0.14		05/02/12	INTEREST		INTEREST EARNED APRIL 2012 7105.1000
			32295		9.52		05/02/12	INTEREST		INTEREST EARNED APRIL 2012 7109.2000
				0.00	9.66	-35.20				
1205			32710		0.14		06/05/12	INTEREST		INTEREST EARNED MAY 2012 7105.1000
			32711		9.55		06/05/12	INTEREST		INTEREST EARNED MAY 2012 7109.2000
				0.00	9.69	-44.89				
1206			33107		0.15		07/03/12	INTEREST		INTEREST EARNED JUNE 2012 7105.1000
			33108		9.52		07/03/12	INTEREST		INTEREST EARNED JUNE 2012 7109.2000
				0.00	9.67	-54.56				
1207			33555		0.14		08/06/12	INTEREST		INTEREST EARNED JULY 2012 7105.1000
			33556		6.34		08/06/12	INTEREST		INTEREST EARNED JULY 2012 7109.2000
				0.00	6.48	-61.04				
				0.00	61.04	-61.04				
07364-1110			R.C.TAPPING FEES			0.00				
1205	RE		32596		2,000.00		05/25/12	32596 1		TAP IN FEE FOR 1636 MANLEY RD
				0.00	2,000.00	-2,000.00				
1206			32779		2,000.00		06/11/12	32779 1		TAP IN FEE FOR 913 SORRELL HIL R.C.TAPPING FEES
				0.00	2,000.00	-4,000.00				
				0.00	4,000.00	-4,000.00				
07364-1130			CONNECTION FEES - SEWER			0.00				
1202	CR		31243		423.00		02/08/12	197	6576	1 JACOBS, ROBERT & CHERYL
			31437		423.00		02/27/12	2103	6575	1 STOFFLET, MICHAEL
	JE		31244	141.12			02/08/12	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
			31438	141.12			02/27/12	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
				282.24	846.00	-563.76				
1203	CR		31489		423.00		03/01/12	730	6574	1 GEORGE SMITH & CHRISTINA CONLE
	JE		31490	141.12			03/01/12	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
				141.12	423.00	-845.64				

MGRP18 run by BRIAN 2 : 12 PM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
				423.36	1,269.00	-845.64				
07380-1000						0.00				
	1202		31244		141.12		02/08/12	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
			31438		141.12		02/27/12	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
				0.00	282.24	-282.24				
	1203		31490		141.12		03/01/12	PINE ROCK		ANNUAL PINE ROCK INSTALLMENT
				0.00	141.12	-423.36				
				0.00	423.36	-423.36				
07392-0500						0.00				
	1202		31428		15,000.00		02/24/12	XFER		XFER FROM 5100.1000 TO 7100.1000
				0.00	15,000.00	-15,000.00				
	1203		31612		15,700.00		03/13/12	XFER		XFER FROM 5100.1000 TO 7100.1000 TO COVER MA EXP.
				0.00	15,700.00	-30,700.00				
				0.00	30,700.00	-30,700.00				
07392-0900						0.00				
	1204		32045		100,000.00		04/12/12	XFER		XFER \$ FROM SEWER CAP.RESERVE TO MUN.AUTHORITY GEN.ACCT.
				0.00	100,000.00	-100,000.00				
	1206		32839		100,000.00		06/15/12	XFER		XFER FUNDS TO MA FROM SEWER CAPITAL RES. 5/14/12
				0.00	100,000.00	-200,000.00				
	1207		33176		100,000.00		07/11/12	XFER		XFER \$ FROM SEWER CAPITAL RESERVE TO MA OPERATING
				0.00	100,000.00	-300,000.00				
				0.00	300,000.00	-300,000.00				
07424-1400						0.00				
	1203	CD	31601	8,391.94			03/13/12	2085		425 EAST GOSHEN TOWNSHIP 1ST QTR.2012 MUNICIPAL AUTHORITY EXPENSES
				8,391.94	0.00	8,391.94				
	1206		32849	8,391.94			06/15/12	2094		425 EAST GOSHEN TOWNSHIP 2ND QTR 2012 MUNICIPAL AUTHORITY EXPENSES

MGRP18 run by BRIAN 2 : 12 PM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
				8,391.94	0.00	16,783.88				
				16,783.88	0.00	16,783.88				
07424-3000						0.00				
	1201		30772	950.00			01/06/12	2081	2132	PENNSYLVANIA MUNICIPAL AUTHORITIES ASSOC 2012 ACTIVE MEMBERSHIP DUES
				950.00	0.00	950.00				
				950.00	0.00	950.00				
07424-3110						0.00				
	1207		33171	7,900.00			07/11/12	2103	808	MAILLIE FALCONIERO & CO. EXAMINATION OF FINANCIAL STATEME DECEMBER 31, 2011
				7,900.00	0.00	7,900.00				
				7,900.00	0.00	7,900.00				
07424-3130						0.00				
	1202		31393	220.00			02/22/12	2084	1052	PENNONI ASSOCIATES INC. SERV.THURU 1/15/12 2011 ANNUAL SE
				220.00	0.00	220.00				
	1203		31608	1,182.50			03/13/12	2086	1052	PENNONI ASSOCIATES INC. SERVICES THRU 12/11/12 2011 ANN SERVICES
				1,182.50	0.00	1,402.50				
	1204		32043	4,971.75			04/12/12	2088	1052	PENNONI ASSOCIATES INC. SERVICES THRU 3/18/12 2012 GEN.S
				4,971.75	0.00	6,374.25				
	1205		32450	14,501.00			05/15/12	2090	1052	PENNONI ASSOCIATES INC. SERVICE THRU 4/15/12 2011 CHAP.9
				14,501.00	0.00	20,875.25				
	1206		32809	289.75			06/14/12	2092	1052	PENNONI ASSOCIATES INC. SERVICES THRU 5/13/12 GENERAL SE
				289.75	0.00	21,165.00				
	1207		33171	1,142.00			07/11/12	2104	1052	PENNONI ASSOCIATES INC. SERVICE THRU 6/17/12 -GENERAL SE
				1,142.00	0.00	22,307.00				
				22,307.00	0.00	22,307.00				

MGRF18 run by BRIAN 2 : 12 PM

Acct #	Per	Src	Trx #	Debits	Credits	Req/End Bal	Date	Check/Ref #	ID #	Name/Description
07424-3140			LEGAL SERVICES			0.00				
	1202		31393	1,825.68			02/22/12	2083	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERV. 12/12/11 - GEN.AUTH.
				1,825.68	0.00	1,825.68				
	1204		32043	1,083.00			04/12/12	2087	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERVICE 2/7-2/29/12 GEN.AU
				1,083.00	0.00	2,908.68				
	1205		32450	703.00			05/15/12	2089	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERV. 3/12-3/21/12 GEN.AUT
				703.00	0.00	3,611.68				
	1207		33171	684.00			07/11/12	2102	528	GAWTHROP GREENWOOD & HALSTED LEGAL SERV. 5/14/12 - GENERAL AU
				684.00	0.00	4,295.68				
				4,295.68	0.00	4,295.68				
07424-7453			R.C. CAP EXPANSION - ELECTRICAL			0.00				
	1206		32809	1,228.08			06/14/12	2091	2696	CLINGER CORP., WM. H. REPAIR TANK MIXER CONTROL CIRCUIT FAULT
				1,228.08	0.00	1,228.08				
				1,228.08	0.00	1,228.08				
07424-7475			LOCHWOOD ABANDONMENT ENGINEER			0.00				
	1202		31393	2,600.00			02/22/12	2082	2911	EARTHCORE SERVICES LLC MOBILIZATION, ATV RIG, AUGER PRO LOCKWOOD ENGINEERING
				4,315.00			02/22/12	2084	1052	PENNONI ASSOCIATES INC. SERV.THRU 1/15/12 LCSTP FINAL D
			***	6,915.00	0.00	***				
				6,915.00	0.00	6,915.00				
	1203		31608	7,440.50			03/13/12	2086	1052	PENNONI ASSOCIATES INC. SERVICES THRU 12/11/12 LCSTP FI DESIGN
				7,440.50	0.00	14,355.50				
	1204		32043	1,366.00			04/12/12	2088	1052	PENNONI ASSOCIATES INC. SERVICES THRU 3/18/12 LOCHWOOD
				1,366.00	0.00	15,721.50				
	1205		32450	4,124.25			05/15/12	2090	1052	PENNONI ASSOCIATES INC. SERVICES THRU 4/15/12 LCSTP
				4,124.25	0.00	19,845.75				

MGRP18 run by BRIAN 2 : 12 PM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07424-7475	1206	CD	32809	7,527.25			06/14/12	2092	1052	PENNONI ASSOCIATES INC. SERVICES THRU 5/31/12 TO ACCOMADATE INCREASE IN FLOW TO P
				7,527.25	0.00	27,373.00				
	1207		33171	7,009.25			07/11/12	2104	1052	PENNONI ASSOCIATES INC. SERVICE THRU 6/17/12 - LOCHWOOD CHASE PHASE S
				7,009.25	0.00	34,382.25				
				34,382.25	0.00	34,382.25				
07424-7476	LOCHWOOD	ABANDONMENT	CONSTRUCTION			0.00				
	1206	32809	105,473.97				06/14/12	2093	2947	SJM CONSTRUCTION CO. INC. APPLICATION 1 OF CONTRACT
				105,473.97	0.00	105,473.97				
	1207	33171	3,826.04				07/11/12	2101	425	EAST GOSHEN TOWNSHIP REIMBURSE GEN.FUND RE: LOCHWOOD PLANT CLOSING - LABOR COSTS AS O 6/30/12
				42,086.94			07/11/12	2105	2947	SJM CONSTRUCTION CO. INC. APPLICATION #2 - LOCHWOOD CONTRA
		***	45,912.98		0.00	***				
		33173	3,954.36				07/11/12	2106	425	EAST GOSHEN TOWNSHIP REIMBURSE GEN.FUND RE: LOCHWOOD PLANT CLOSING - REGULAR TIME LAB
		33327	15,120.00				07/23/12	2113	800	MACANGA INC. HAUL FILL OUT OF WESTTOWN WAY 18 TONS
		33415	432.00				07/27/12	2116	489	FISHER & SON COMPANY INC 6 BAGS COMMERCIAL SEED MIX
			123.00				07/27/12	2117	61396	HAULER, JACK L. REIMBURSE -1/2 DOG FENCE REPAIR
		***	555.00		0.00	***				
			65,542.34		0.00	171,016.31				
			171,016.31		0.00	171,016.31				
07424-7477	LOCHWOOD	ELIMINATION	PHASE 2			0.00				
	1206	33040	352.68				06/29/12	2095	765	LENNI ELECTRIC CORPORATION SET UP TEMPORARY PUMP - LOCHWOOD
			450.00				06/29/12	2096	2342	POWERPRO EQUIPMENT 50 HYDRATED WHITE - LOCHWOOD PLA CLOSURE
			4,780.00				06/29/12	2097	550	XYLEM DEWATERING SOLUTIONS INC. (GODWIN) GODWIN SUBMERSIBLE PUMP & CONTRO PANEL, HEAVY DUTY LAYFLAT HOSE
		***	5,582.68		0.00	***				

MGRP18 run by BRIAN 2 : 12 PM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
				5,582.68	0.00	5,582.68				
1207		33128		42.50			07/05/12	2100	1065	PETTY CASH TOLLS - TO AND FROM GODWIN PUMPS LOCHWOOD ELIMINATION
		33209		123.87			07/13/12	2107	2936	A ANCHOR TOILETS PORTABLE PORTABLE TOILET RENTAL 6/25-7/24
				4,640.85			07/13/12	2108	827	MARTIN LIMESTONE INC. 95.91 TONS MAG LIMESTONE
				390.00			07/13/12	2109	2342	POWERPRO EQUIPMENT 20 2200 M 95 DUST MA, 40 HYDRATE WHITE LI
				1,265.00			07/13/12	2110	1876	RANSOME RENTAL COMPANY LP RENTAL - STANDARD TRACK - 6/20/1 6/25/12
				1,574.61			07/13/12	2111	1161	REILLY & SONS INC 259.4 GALLONS DIESEL - LOCHWOOD
				256.80			07/13/12	2112	550	XYLEM DEWATERING SOLUTIONS INC. (GODWIN) MALE AND FEMALE ADAPTORS, FEMALE CAM & GROOVE & MALE ADAPTOR
		***		8,251.13	0.00	***				
		33327		3,638.00			07/23/12	2114	1876	RANSOME RENTAL COMPANY LP ARTICULATED TRUCK RENTAL 6/26-6/
				5,941.45			07/23/12	2115	550	XYLEM DEWATERING SOLUTIONS INC. (GODWIN) 3" X 50' HEAVY DUTY LAYFLAT HOSE
		***		9,579.45	0.00	***				
		33415		174.82			07/27/12	2118	638	HOME DEPOT CREDIT SERVICES TARP & SIGNS - LOCHWOOD
				1,985.24			07/27/12	2119	827	MARTIN LIMESTONE INC. 72.56 TONS MAG LIMESTONE BULK
				423.00			07/27/12	2120	1087	PIPE XPRESS INC. 12X20 PE DBL WALL PIPE
				18,797.00			07/27/12	2121	1876	RANSOME RENTAL COMPANY LP D5 STANDARD TRUCK RENTAL 6/25/12 7/23/12
		***		21,380.06	0.00	***				
				39,253.14	0.00	44,835.82				
				44,835.82	0.00	44,835.82				
07425-1000		MARYDELL	PUMP STATION - ENGINEER			0.00				
		1203	31608	810.00			03/13/12	2086	1052	PENNONI ASSOCIATES INC. SERVICES THRU 12/11/12 MARYDELL
				810.00	0.00	810.00				
		1204	32043	1,422.00			04/12/12	2088	1052	PENNONI ASSOCIATES INC. SERVICES THRU 3/18/12 MARYDELL P
				1,422.00	0.00	2,232.00				

MGRP18 run by BRIAN 2 : 12 PM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07425-1000	1206	CD	32809	320.50			06/14/12	2092	1052	PENNONI ASSOCIATES INC. SERVICES THRU 5/13/12 MARYDELL
				320.50	0.00	2,552.50				
	1207		33171	707.25			07/11/12	2104	1052	PENNONI ASSOCIATES INC. SERVICE THRU 6/17/12 - MARYDELL
				707.25	0.00	3,259.75				
				3,259.75	0.00	3,259.75				
07426-1000						0.00				
	1203		31608	2,336.75			03/13/12	2086	1052	PENNONI ASSOCIATES INC. SERVICES THRU 12/11/12 HERSHEY
				2,336.75	0.00	2,336.75				
	1205		32450	2,917.50			05/15/12	2090	1052	PENNONI ASSOCIATES INC. SERVICE THRU 4/15/12 HERSHEY MIL
				2,917.50	0.00	5,254.25				
	1206		32809	498.50			06/14/12	2092	1052	PENNONI ASSOCIATES INC. SERVICES THRU 5/13/12 HERSHEY MI
			33047	250.00			06/29/12	2099	263	CHESTER COUNTY CONSERVATION DISTRICT PERMIT FEE HM PS PROJECT
				748.50	0.00	6,002.75				
	1207		33171	4,112.75			07/11/12	2104	1052	PENNONI ASSOCIATES INC. SERVICE THRU 6/17/12 - HERSHEY M
				4,112.75	0.00	10,115.50				
				10,115.50	0.00	10,115.50				
07427-1000						0.00				
	1203		31608	605.00			03/13/12	2086	1052	PENNONI ASSOCIATES INC. SERVICES THRU 12/11/12 RESERVE
				605.00	0.00	605.00				
	1204		32043	472.50			04/12/12	2088	1052	PENNONI ASSOCIATES INC. SERVICES THRU 3/18/12 RESERVE PU
				472.50	0.00	1,077.50				
	1205		32450	2,917.50			05/15/12	2090	1052	PENNONI ASSOCIATES INC. SERVICE THRU 4/15/12 RESERVE PS
				2,917.50	0.00	3,995.00				
	1206		33047	250.00			06/29/12	2098	263	CHESTER COUNTY CONSERVATION DISTRICT PERMIT FEE RESERVE PS PROJECT
				250.00	0.00	4,245.00				

MGRP18 run by BRIAN 2 : 12 PM

Acct #	Per	Src	Trx #	Debits	Credits	Beg/End Bal	Date	Check/Ref #	ID #	Name/Description
07427-1000	1207	CD	33171	1,062.50			07/11/12	2104	1052	PENNONI ASSOCIATES INC. SERVICE THRU 6/17/12 - RESERVE P STATION
				1,062.50	0.00	5,307.50				
				5,307.50	0.00	5,307.50				
Beg Bal		0.00		322,805.13	336,479.57	-13,674.44				



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOUTHEAST REGIONAL OFFICE

RECEIVED
BY: _____

AUG 2 2012

July 27, 2012

Mr. Dennis F. O'Neill, P.E.
Herbert E. MacCombie, Jr. & Associates
1000 Palmers Mill Road
Media, PA 19063

Re: Application for Planning Modules
Smith Tract/Goshen Meadows Apartments
DEP Code 1-15919-229-3J
East Goshen Township
Chester County

Dear Mr. O'Neill:

On July 10, 2012, we received your application for Sewage Facilities Planning Modules for 60 two-bedroom apartment units and 4 one-bedroom apartment units. This project is located on West Chester Pike at Mary Fran Drive, in East Goshen Township, Chester County.

Your request for an exemption from planning under the Pennsylvania Sewage Facilities Act cannot be granted at this time for the following reasons:

1. Section 6.a of the application mailer must be completed in its entirety.
2. Section 8.d of the application mailer has not been signed by the appropriate municipal official. This section of the application mailer must be signed by either the township manager or secretary.
3. Sections 7 and 8 of the PNDI Project Environmental Review Receipt must be completed.
4. The application mailer indicates that the project proposes a total of 64 apartment units. The submitted plot plan shows a total of 65 apartment units. Please clarify.
5. The submitted plot plan does not depict the proposed sewer lines. A plot plan that depicts the proposed sewer lines to the point of connection to the existing system must be submitted.

You may resubmit this information for review and the Department of Environmental Protection (Department) will reconsider your request for an exemption. Please reference the DEP Code referenced above in your resubmission. Alternately, you may proceed with the preparation of Sewage Facilities Planning Modules for this project, as described below.

Sewage Facilities Planning Module forms are now available from our eLibrary as MS Word Form Fields files directly from the Department's website address located in the first page footer. In the left-hand column, select the Water heading and then select Water Standards and Facility Regulation. In the right-hand column, select Wastewater Management and then select Act 537. Under Act 537, select Act 537 – Planning Authorizations. Under Planning Forms, select the appropriate forms. The link will take you to the eLibrary location for the form.

Please select the following forms for this project and enter the above referenced DEP Code Number on the first page of each form. Projects submitted without coding may be subject to delays, including the assignment of additional forms or different planning module packages.

Sewage Facilities Planning Module Transmittal Letter, Form 3800-FM-WSWM0355
Sewage Facilities Planning Module Resolution, Form 3800-FM-WSWM0356
Sewage Facilities Planning Module Component 3, Form 3800-FM-WSFR0353

- Instructions
- Form

Sewage Facilities Planning Module Component 4

- 4A-Municipal Planning Agency Review, Form 3800-FM-WSFR0362A
- 4B-County Planning Agency Review, Form 3800-FM-WSFR0362B
- 4C-County or Joint Health Department Review, Form 3800-FM-WSFR0362C

For this project, Section J of the planning module form must be completed. Please check the optional boxes for these section(s) on the forms, and attach any required documentation.

If you have any questions, or if you are unable to print the forms from our website, please call me at 484.250.5182.

Sincerely,

A handwritten signature in black ink, appearing to read 'KS' with a flourish, followed by the word 'for' written in a smaller, cursive script.

Kelly A. Sweeney
Sewage Planning Specialist 2
Clean Water

cc: Chester County Health Department
Chester County Planning Commission
East Goshen Township
West Goshen Township Sewer Authority
East Goshen Township Municipal Authority
Mr. Scott Fagan – Goshen Meadows Investors, LP
Planning Section
Re 30 (GJE12CLW)208-12

AUGUST 2012
EAST GOSHEN MUNICIPAL AUTHORITY GOALS

ON-GOING

1. Submit an article for each newsletter.
 - a. Need by 2/8/12 - Kevin - **Completed**
 - b. Need by 5/2/12 –Jack - **Completed**
 - c. Need by 8/1/12 – Dana -**Completed**
 - d. Need by 11/7/12
 - e. February 2013
2. Attend West Goshen Meetings quarterly – more often if needed.
 - a. 1st Quarter (March) – Jack - **Completed**
 - b. 2nd Quarter (June) – Joe – Not completed
 - c. 3rd Quarter (September) - Dana
 - d. 4th Quarter (December) - Kevin
3. Respond to capacity requests in 45 days or less.
Goshen Meadows
4. Implement I & I Plan
5. Conduct a sewer facilities tour after RCSTP construction is complete – Have tour in October (need to select a date)

PROJECTS

1. Lockwood
 - a. Bid – Bid awarded 2/20 – Contract executed 3/12
 - b. Pipe Installation - Notice to proceed issued 3/20, Pipe work completed. Restoration work in progress
2. **Abandon Plant – Treatment pond filled in. Currently pumping down the and filling in the storage lagoon.**
3. Marydell Pump Station
 - a. Design/Permit – In Progress **Submitted HOP to Penn DOT**
 - b. Bid
 - c. Pipe Installation
 - d. Abandon Pump Station
4. Hershey Mill Pump Station
 - a. Design/Permit – In Progress
 - b. Bid
 - c. Pipe Installation
5. Reserve Pump Station - In Progress
 - a. Design/Permit
 - b. Bid
 - c. Pipe Installation
 - d. Abandon Pump Station

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

August 10, 2012

To: Municipal Authority
From: Mark Miller
Re: July 2012 Monthly Report

We have completed about 90% of the closure of the Lockwood Plant. We have raked and seeded and laid down straw on the disturbed areas, as a matter of fact the grass has started to come up. I'm happy to report that the only hauling costs was for the fill dirt we stack piled at the Milltown yard. I was able to contact several contractors including Lyons & Hohl Inc. who hauled in fill from two of the sites approx. 25,000 yards. If we would have had to pay the trucking costs; it would have been \$112,000.00. The Public Works employees did an excellent job as the bulk of the work was done during those hot and humid days.

Meters: Have been read on a daily basis. The meter on Paoli Pike appears to have been struck by lightning; I have contacted the insurance company to see if we can file a claim.

C.C. Collection: Pumping Stations were visited on a daily basis; we had to do some repair work at the Barkway Pump Station, as we received alarms for a pump failure. We found that pump 2 sheared the impeller shaft. When we pulled the pump we also found problems with the new style elbow, it would not fit the connection. We had to take the equipment back to the shop and fabricate a new elbow. We also drilled and tapped the force main and installed pressure gauges. By doing so it now allows us to get an actual pressure reading on each pump. I

had John Laidley meet me at the station to discuss the discharge pressure on the pumps; because I didn't like the pump down time after reviewing the pump curve we decided to increase the impeller size to a 10". After doing so we increased the gpm (gallons per minute). Pump 1 was pulled and we changed the impeller as well the station was put back on line and is working very well.

We located the utilities on Paoli Pike for the Marydell Pump Station abandonment.

Shainline Excavation used their Vac truck to locate the lines rather than using a Backhoe.

R.C. Collection: The pumping station was visited on a routine basis, we found the automatic dialer died; John Laidly checked it out and recommended that the unit be replaced as it was with the original dialer with 30 years of service. A new unit was installed August 8th.

R.C. Plant: The new flow meter was delivered last week, once we complete the Lockwood closure we will get it installed.

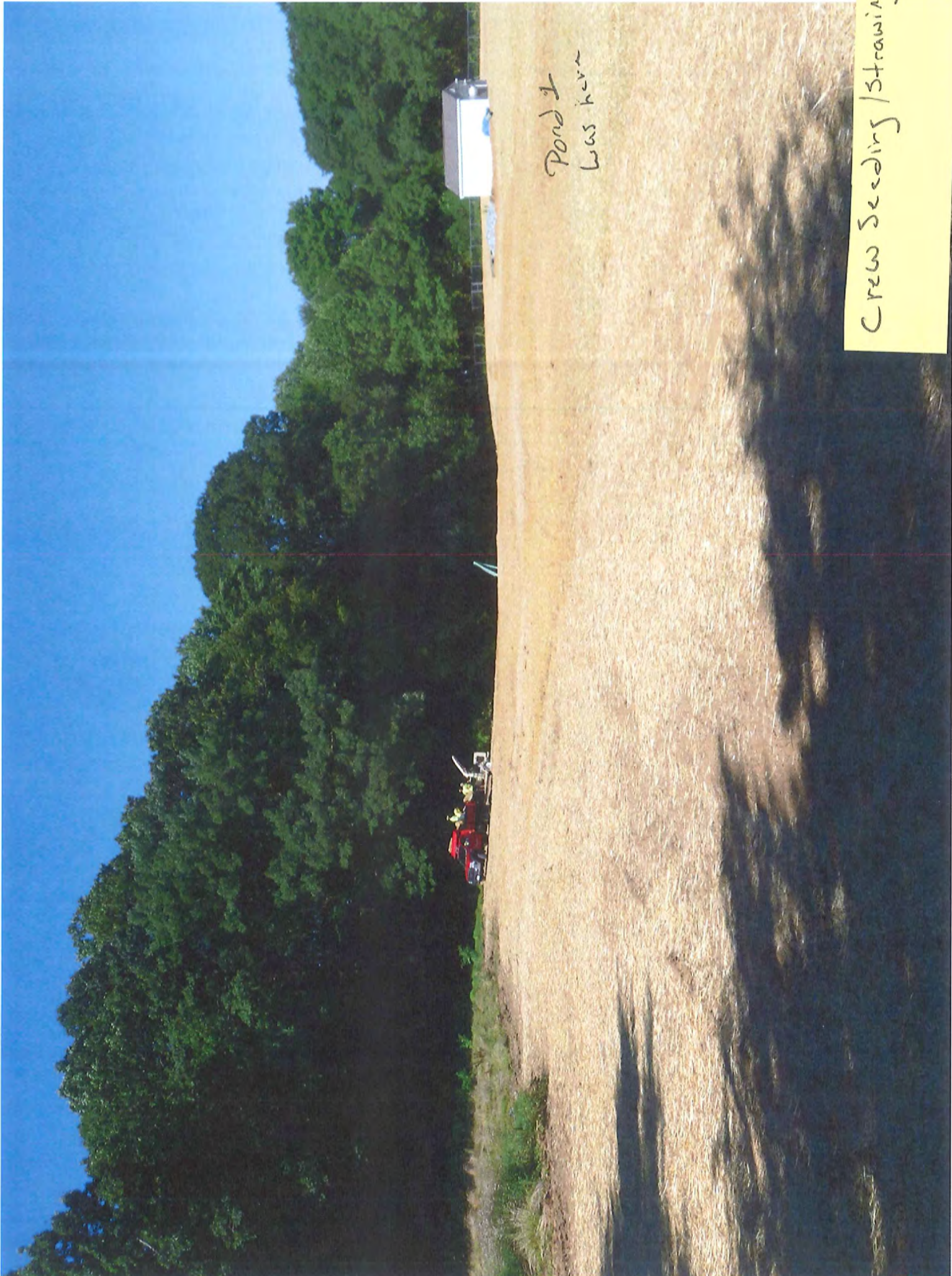
The township was notified of six sewer lateral backups, we were able to clear all of them.

PA One Calls: 168 calls were made in July.

Pond 2
was
Haru

Prior to Seeding

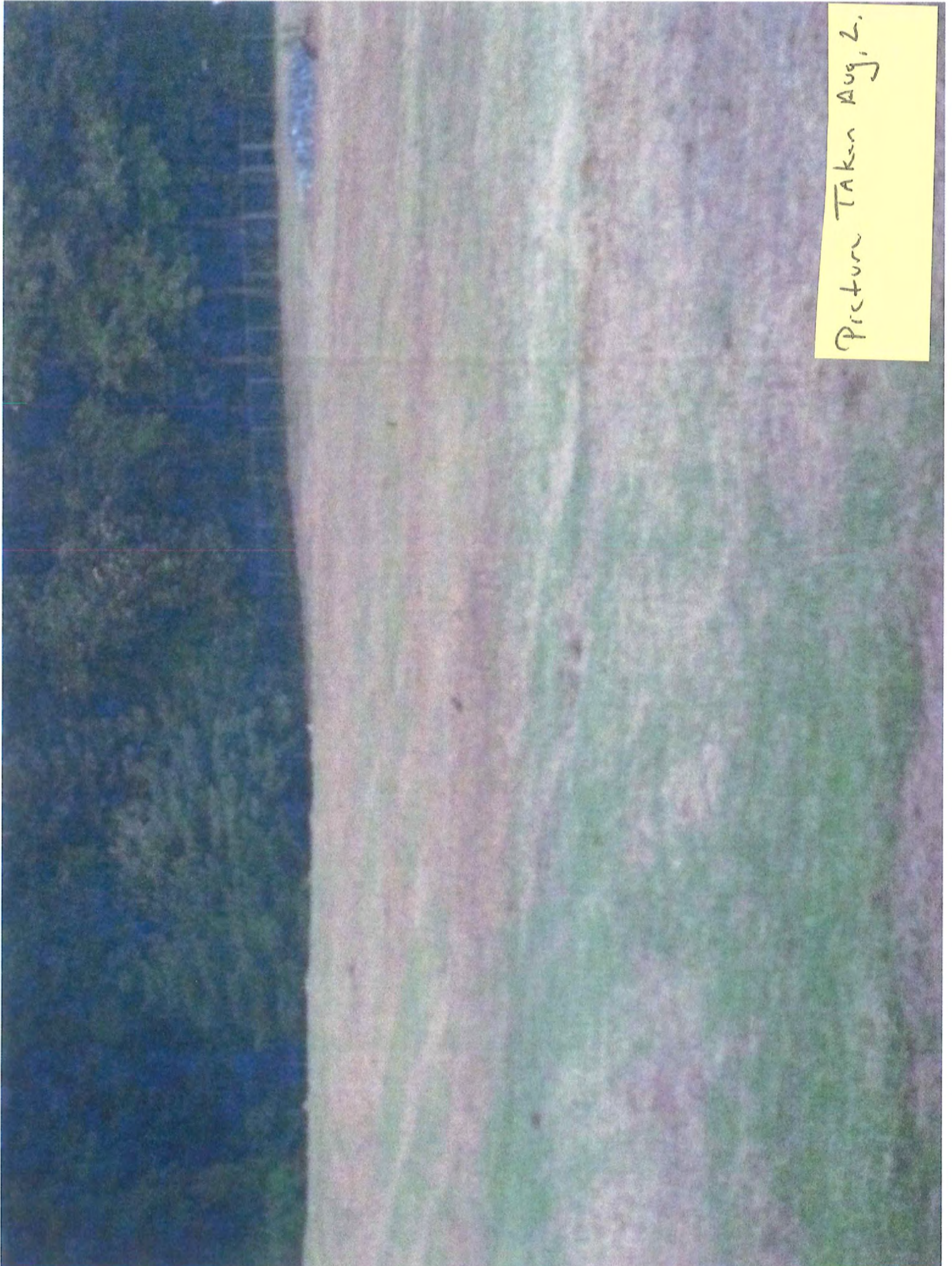




Pond 1
was here

Crew Seeding / Strawing

Picture Taken Aug. 2.



Pond 4 Horse
was

Picture Taken
August 2nd





MEMORANDUM

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

FROM: Michael Ellis, P.E. for Daniel Barbato, P.E.
Authority Engineer

DATE: August 7, 2012

SUBJECT: Engineer's Report

Invoices

- Invoices with summaries are provided under separate cover.

Ridley Creek Sewage Treatment Plant (RCSTP)

- No activity this period. We will assist with supporting and reviewing warranty claims, plant troubleshooting, and operations support as requested.

LCSTP Elimination

- Existing sewers and manholes to be abandoned in-place were filled with flowable fill material. The contractor's only remaining work at the time of this report is preparation of as-built plans and to install lot pins at two property corners between 920 and 922 Dolphin Drive.
- We performed on-site, part-time construction inspection services during the flowable fill work. We have also provided in-office construction support to coordinate completion of the punchlist items.
- We have requested the contractor complete the remaining work, submit a final payment request, and submit contract closeout documents prior to the August 13th Authority meeting.

Hershey's Mill PS Diversion and Reserve PS Elimination

- We submitted the Reserve PS and the Hershey's Mill PS GP-5 "General Permit for Utility Line Stream Crossing" applications to DEP on June 27 and June 22 respectively, and we are awaiting DEP's review.
- We made Erosion and Sediment Pollution Control Plan submissions for both projects to the Chester County Conservation District on July 6, and we are awaiting CCCD's review.

EGMA 1200

- We are finalizing the Closure Plan for the Reserve PS and the Part 2 WQM Permit Amendment for the Hershey's Mill PS and will make both submissions to DEP within the next two weeks.
- We have begun to prepare four (4) sanitary sewer easement legal descriptions and exhibits for both diversions projects – one (1) for the Hershey's Mill PS and three (3) for the Reserve PS.

Marydell PS Elimination

- We observed the soft-dig exploratory test pits along the shoulder of Paoli Pike to determine the exact location and depth of Verizon's communication ductbank and if a gas anode line exists. The gas anode line was not found, and the Verizon ductbank is in a location that will allow for installation of the sanitary sewer along the shoulder, while still maintaining four (4) feet between PECO's overhead utility poles and the edge of trenches.
- We revised the design plans to route the sanitary sewer under the shoulder of Paoli Pike. It was previously designed in the lawn on the shopping center side of the utility poles.
- A small additional easement will be required from the shopping center for this revised sewer route, and we will prepare an easement legal description and exhibit if/when the shopping center owner and Township work out terms of the easement.
- We finalized and submitted the Pump Station Closure Plan to DEP on July 31 and are awaiting DEP's review.
- We also prepared a Highway Occupancy Permit application for the sewer construction and expect to submit it to PennDOT by August 10. The application proposes a jack & bore (trenchless) installation across Boot Road and open-cut trenching for the remainder of the work. The Paoli Pike crossing at Saratoga Drive is proposed to occur at night with a full road closure and detour, not to exceed three (3) consecutive nights.

Hershey's Mill Pump Station Muffin Monster

- We completed a draft design and conducted field meetings with the Muffin Monster supplier and Public Works to review the concept, identify electrical needs and equipment locations, and determine who will perform the construction. It was agreed that Pennoni will prepare final mechanical and electrical plans (no specifications or bid documents) and coordinate with the supplier to obtain purchase order pricing. The Township/Authority will then purchase the equipment directly from the supplier, and the Public Works Department will perform the installation.
- We have since finalized the mechanical and electrical plans and are preparing a submission to DEP to notify them of the Muffin Monster installation. DEP has previously advised us that a formal pump station permit amendment is not required.

2011 Chapter 94 Reports

- DEP provided review comments on the Westtown Chapter 94 Report requesting additional information about the sewer system condition, maintenance, and rehabilitation. We are preparing a brief response letter that we expect to submit to DEP by August 17.
- DEP previously provided a letter approving the Ridley Creek STP Chapter 94 Report. They have not yet provided any comments on the West Goshen or Lockwood Chase STP Chapter 94 Reports.

BIG FISH ENVIRONMENTAL SERVICES, INC.

July 2012 - Ridley Creek and Lochwood Sewage Treatment Plant Operations Report

Executive Summary

Treatment Process Operation

Sequencing batch reactors (SBRs) numbered 1, 3 and 4 were in service during the month of July. SBR No. 2 remains out of service with a proximately a mixture of 1 foot of sludge and rainwater within the tank.

During June, there was one exceedance of the permitted effluent limitation for total phosphorus. Table 1 provides the June and July (partial) influent total phosphorus mass loading data. Figure 1 illustrates the influent phosphorus (total) trend during June and July 2012

Sample Date	Influent Flow, gallons	Phosphorus, Total, mg/L	Phosphorus, Total, lbs/day
June 7, 2012	273,888	4.4	10
June 14, 2012	264,320	4.2	9.3
June 21, 2012	260,304	4.4	9.6
June 28, 2012	240,080	18.4	37
July 5, 2012	335,472	4.7	13
July 12, 2012	315,920	4.7	12
July 19, 2012	310,472	10.8	28

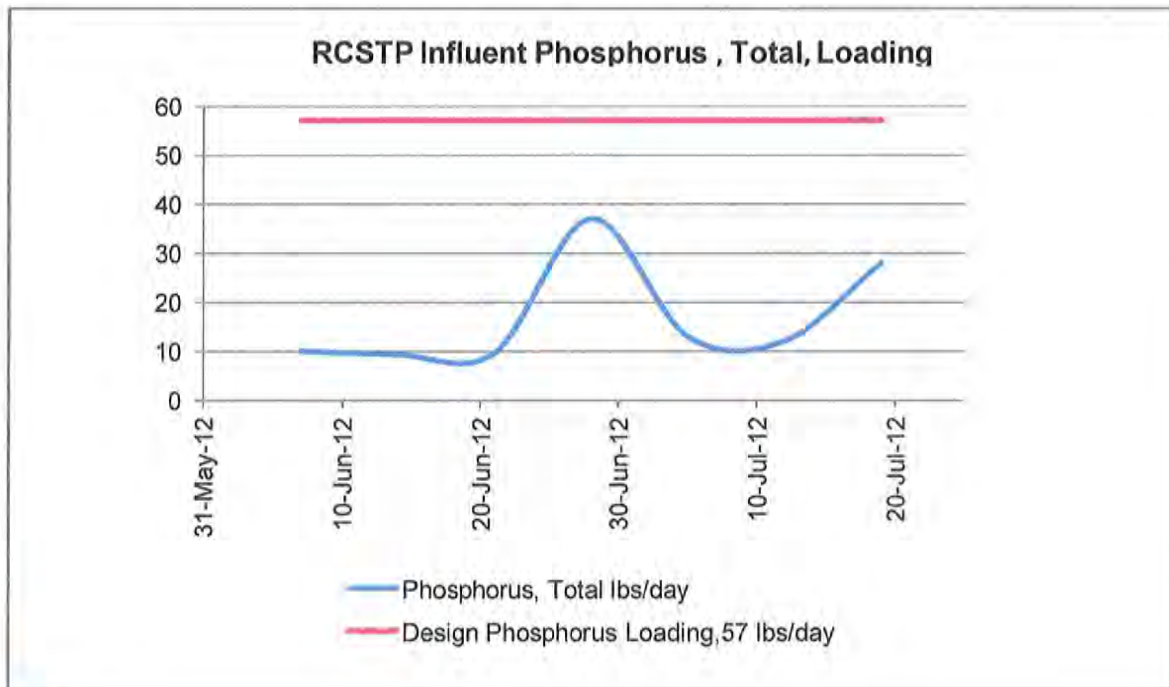


Figure 1

BIG FISH ENVIRONMENTAL SERVICES, INC.

July 2012 - Ridley Creek and Lochwood Sewage Treatment Plant Operations Report

On site analysis of split, samples with the certified contract laboratory are on going.

Adjustments to the SBR process during July include lowering the mixed liquor concentration (MLSS), reduce the sludge age and increase the food to mass ratio (F:M ratio) to eliminate favorable conditions for the filamentous bacteria *Microthrix parvicella*. A noticeable reduction in the amount of foam covering the surface area of the SBRs was observed in the React phase with aeration and mixing. Reduction of the MLSS and sludge adversely affected biological phosphorus removal. SBR grab samples analyzed for reactive and total phosphorus increased in the phosphorus concentration. Final effluent phosphorus concentrations in the SBR effluent ranged from 2 to 4 mg/L.

Process adjustments during the last week of July and early August resulted in lowering the SBR phosphorus concentrations, which resulted in lowering the alum feed rate. At the time of this report, no phosphorus data for final effluent samples collected during August are available.

A summary of the flow data for July 2012 is presented.

Flow data:

July 2012		
Flow Meter Location	Total Volume for Month, MGD	Average Daily Flow, gpd
Influent Wastewater	9.704	313,027
Treated Effluent to Disc Filters	8.309	268,025
Final Effluent Discharge	7.013	124,742
Applebrook Golf Course	2.189	70,608

Chemical Usage: July 2012

Chemical	Daily Average	Total Monthly
Soda Ash	121 lbs./day	3,750 pounds
Magnesium Hydroxide	8.4 gpd	260 gallons
Alum	13.8 gpd	428 gallons

Solids Dewatering and Disposal

The centrifuge dewatering system was placed in service during the month of July. A summary of the sludge processing activity is presented below.

Sludge Dewatering Summary	
Gallons of sludge dewatered	252,000 gallons
Wet Tons	45.2 tons
Dry Tons	7.751 tons
Number of dumpsters	4

BIG FISH ENVIRONMENTAL SERVICES, INC.

July 2012 - Ridley Creek and Lochwood Sewage Treatment Plant Operations Report

During the month, sludge wasting and decanting of the sludge holding tanks was ongoing. A total volume of 265,560 gallons of supernatant was decanted from the sludge holding tanks. pH and alkalinity were monitored on average twice per week and total solids once per week.

Sludge holding tank No. 1 began the month as 0.93 % total solids and ended the month at 0.94% total solids.

Sludge holding tank No. 2 began the month as 0.87% total solids and ended the month at 1.08% total solids.

Maintenance, Repairs and Warranty

Outstanding: Centrifuge replacement parts – Worth & Co. to replace parts used for warranty repair

ACTION: BFESI will provide Worth & Company a letter requesting resolution of the matter on or before October 1, 2012.

Outstanding: SBR and Centrifuge MCC panel hour meters – Worth & Co. informed

ACTION: Pennoni Associates/Township to provide Worth & Company a copy of the short circuit study completed by Clinger Corporation.

Outstanding: SBR No. 4 Alum valve fails to open.

ACTION: Found a loose relay and the valve is functioning as intended.

Outstanding: Screen Building overhead door.

ACTION:Worth and Company will be contacted to investigate the malfunctioning door.

Scheduled Maintenance/Repairs

Greased the bearings for the sludge holding tank and final effluent EQ tank blowers.

Removed the alum chemical feed line from the static mixer for cleaning.

**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

Facility Name: Ridley Creek Sewage Treatment Plant Month: 6 (select number) Year: 2012
 Municipality: East Goshen Municipal Authority County: Chester Permit No.: PA0050504 Outfall: 001
 Watershed: 3-G Renewal application due **180 days** prior to expiration.
 Laboratories: ALS Environmental This permit will expire on: February 28, 2017

Week	Day	Date	Flow MGD	pH		Dissolved Oxygen		CBOD5		BOD5		TSS		Fecal Coliform		NH3-N		Total Phosphorus	
				Q	S.U.	Q	mg/L	Q	mg/L	RI	mg/L	Q	mg/L	RI	CFU/100 ml	Q	mg/L	Q	mg/L
1	Fri	6/1/12	0.179		7.08	8.39													
	Sat	6/2/12	0.163		6.84	8.46													
	Sun	6/3/12	0.133		7.18	8.55													
	Mon	6/4/12	0.205		6.79	8.95													
	Tue	6/5/12	0.182		6.99	8.95													
	Wed	6/6/12	0.142		6.82	8.94													
	Thu	6/7/12	0.150		6.84	8.69													
2	Fri	6/8/12	0.141		6.83	8.92													
	Sat	6/9/12	0.150		7.56	8.81													
	Sun	6/10/12	0.146		8.01	8.89													
	Mon	6/11/12	0.133		7.72	8.77													
	Tue	6/12/12	0.169		7.76	8.78													
	Wed	6/13/12	0.132		7.83	8.89													
	Thu	6/14/12	0.132		7.86	8.63													
3	Fri	6/15/12	0.185		7.93	8.67													
	Sat	6/16/12	0.095		7.77	8.79													
	Sun	6/17/12	0.133		7.86	8.81													
	Mon	6/18/12	0.129		7.68	9.11													
	Tue	6/19/12	0.176		7.87	8.83													
	Wed	6/20/12	0.110		7.12	8.43													
	Thu	6/21/12	0.112		7.08	8.37													
4	Fri	6/22/12	0.085		7.45	8.53													
	Sat	6/23/12	0.155		7.72	7.91													
	Sun	6/24/12	0.160		7.71	8.29													
	Mon	6/25/12	0.127		7.90	7.87													
	Tue	6/26/12	0.163		7.71	8.77													
	Wed	6/27/12	0.130		7.88	8.59													
	Thu	6/28/12	0.110		7.91	8.73													
5	Fri	6/29/12	0.115		7.93	8.25													
	Sat	6/30/12	0.106		7.96	8.23													

Statistics for DMR

Daily Minimum (Conc.): 6.79
 Daily Maximum (Conc.): 8.01
 Max Avg Weekly (Conc.): 8.89
 Avg Monthly (Conc.): 8.64
 Geometric Mean (Conc.): 12
 Max Avg Weekly (Load): 0.142
 Avg Monthly (Load): 4.248
 Total Monthly (Load): 0.085
 Daily Minimum (Load): 0.205
 Daily Maximum (Load): 0.205

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4504 (relating to unsworn falsification).

Prepared By: Scott A. Towler License No.: T0390
 Title: Plant Operator Date: 25-Jul-12

Ridley Creek Sewage Treatment Plant Monthly Operations Report

FINAL REPORT

Design Basis	Flow	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
Sample date	MGD Average	335	2,098	320	2,001	32	200	48	301	9.1	57
June 7, 2012	0.2739	181	413	238	544	31.8	73	31.8	73	4.4	10
June 14, 2012	0.2643	178	392	406	895	34.3	76	41.1	91	4.2	9
June 21, 2012	0.2603	314	682	116	252	28.6	62	41.9	91	4.4	10
June 28, 2012	0.2401	569	1,139	368	737	41.1	82	78.6	157	18.4	37
Average	0.2597	311	657	282	607	34	73	48	103	8	16
Minimum	0.2401	178	392	116	252	29	62	32	73	4	9
Maximum	0.2739	569	1,139	406	895	41	82	79	157	18	37

Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total, mg/L		Fecal Coliform	
		mg/L	lbs/month	mg/L	lbs/month	mg/L	lbs/month	mg/L	lbs/month	Geo Mean	Geo Mean
Sample date	MGD Average	20	125	21	131	7	44	0.5	3	200	1,000
	Instantaneous Maximum	40		42							
June 7, 2012	0.150	2.0	2.5	19	6	0.220	0.13	0.29	0.13	1	0.0000
June 14, 2012	0.132	2.0	2.2	6	6	0.100	0.11	0.22	0.11	1	0.0000
June 21, 2012	0.112	2.0	1.9	8	5	0.128	0.09	0.43	0.09	1	0.0000
June 28, 2012	0.110	2.0	1.8	5	5	0.100	0.09	3.60	0.09	1	0.0000
Average	0.1260	2.0	2	10	5	0.137	0.11	1.14	0.11	1	0.0000
Minimum	0.1100	2.0	2	5	5	0.100	0.09	0.22	0.09	1	0.0000
Maximum	0.1500	2.0	3	19	6	0.220	0.13	3.60	0.13	1	0.0000



**SUPPLEMENTAL REPORT
DAILY EFFLUENT MONITORING**

3900-FM-JNSFR0435 7/2009

Facility Name: Ridley Creek Sewage Treatment Plant
 Municipality: East Goshen Municipal Authority County: Chester
 Watershed: 3-G
 Laboratories: ALS Environmental

Month: 6 (select number) Year: 2012
 Permit No.: PA0050504 Outfall: 002
 Renewal application due 180 days prior to expiration.
 This permit will expire on: February 28, 2017

Week	Day	Date	Flow MGD	pH	Dissolved Oxygen mg/L	CBOD5 mg/L	TSS mg/L	Fecal Coliform CFU/100 ml	NH3-N mg/L	Total Phosphorus mg/L
1	Fri	6/1/12	0.179	7.08	8.39					
	Sat	6/2/12	0.163	6.84	8.46					
	Sun	6/3/12	0.133	7.18	8.55					
	Mon	6/4/12	0.205	6.79	9.40					
	Tue	6/5/12	0.182	6.99	8.95					
	Wed	6/6/12	0.142	6.82	8.94					
	Thu	6/7/12	0.150	6.84	8.68					
	Fri	6/8/12	0.141	6.83	8.92					
	Sat	6/9/12	0.150	7.56	8.81					
2	Sun	6/10/12	0.146	8.01	8.89					
	Mon	6/11/12	0.133	7.72	8.77					
	Tue	6/12/12	0.169	7.76	8.78					
	Wed	6/13/12	0.132	7.83	8.89					
	Thu	6/14/12	0.132	7.86	8.63					
	Fri	6/15/12	0.185	7.93	8.67					
	Sat	6/16/12	0.095	7.77	8.79					
3	Sun	6/17/12	0.133	7.86	8.81					
	Mon	6/18/12	0.129	7.68	9.11					
	Tue	6/19/12	0.176	7.87	8.83					
	Wed	6/20/12	0.110	7.12	8.43					
	Thu	6/21/12	0.112	7.08	8.37					
	Fri	6/22/12	0.085	7.45	8.53					
	Sat	6/23/12	0.155	7.72	7.91					
4	Sun	6/24/12	0.160	7.71	8.29					
	Mon	6/25/12	0.127	7.90	7.87					
	Tue	6/26/12	0.163	7.71	8.77					
	Wed	6/27/12	0.130	7.88	8.59					
	Thu	6/28/12	0.110	7.91	8.73					
	Fri	6/29/12	0.115	7.93	8.25					
	Sat	6/30/12	0.106	7.96	8.23					

Statistics for DMR

Daily Minimum (Conc.):	6.79	<	2	<	5	<	1	<	0.1	0.22
Daily Maximum (Conc.):	8.01	<	2	<	19	<	1	<	0.22	3.6
Max Avg Weekly (Conc.):	8.89	<	2	<	19	<	1	<	0.22	3.6
Avg Monthly (Conc.):	8.64	<	2	<	10	<	1	<	0.137	1.14
Geometric Mean (Conc.):										
Max Avg Weekly (Load):	12	<	3	###	#VALUE!	<	0.3	<	0.3	3
Avg Monthly (Load):	10	<	2	<	#VALUE!	<	0.1	<	0.1	1
Total Monthly (Load):	307	<	63	<	#VALUE!	<	4	<	4	32
Daily Minimum (Load):	0.065	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!
Daily Maximum (Load):	0.205	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!	#REF!

I certify under penalty of law that this document was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. See 18 Pa. C.S. § 4904 (relating to unsworn falsification).

Prepared By: Scott A. Towler License No.: T0390
 Title: Plant Operator Date: 25-Jul-12

DRAFT REPORT

Ridley Creek Sewage Treatment Plant Monthly Operations Report

Design Basis	Flow MGD Average	BOD ₅		TSS		NH ₄ -N		TKN, mg/L		Phosphorus, Total, mg/L	
		mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L	lbs/day
Sample date		335	2,098	320	2,001	32	200	48	301	9.1	57
July 5, 2012	0.3355	162	453	84	235	36.5	102	51.9	145	4.7	13
July 12, 2012	0.3159	237	624	328	864	28.4	75	35.6	94	4.7	12
July 19, 2012	0.3105	715	1,852	992	2,569	36	93	55.3	143	10.8	28
July 26, 2012	0.2926	587	1,432	542	1,323	3.92	10	62.9	153	8.2	20
Average	0.3136	425	1090	487	1248	26	70	51	134	7	18
Minimum	0.2926	162	453	84	235	4	10	36	94	5	12
Maximum	0.3355	715	1852	992	2569	37	102	63	153	11	28

Final Effluent - Out Fall 001											
NPDES Permit Discharge Limitations	Flow MGD Average Instantaneous Maximum	CBOD ₅		TSS		NH ₄ -N		Phosphorus, Total, mg/L		Fecal Coliform	
		mg/L	lbs/month	mg/L	lbs/month	mg/L	lbs/month	mg/L	lbs/month	Geo Mean 200	Geo Mean 1,000
Sample date		20	125	21	131	7	44	0.5	3		
July 5, 2012	0.245	2.0	4.1	13	10	0.23	0.20	1.10	0.20	1	0.0000
July 12, 2012	0.108	2.0	1.8	5	5	0.10	0.09	3.40	0.09	1	0.0000
July 19, 2012	0.125	2.0	2.1	5	5	0.10	0.10	3.70	0.10	1	0.0000
July 26, 2012	0.128	2.0	2.1	5	5	0.10	0.11	4.10	0.11	1	0.0000
Average	0.1515	2.0	3	7	6	0.133	0.13	3.08	0.13	1	0.0000
Minimum	0.1080	2.0	2	5	5	0.100	0.09	1.10	0.09	1	0.0000
Maximum	0.2450	2.0	4	13	10	0.230	0.20	4.10	0.20	1	0.0000

2008 FLOWMETERS

Precip inches	2012 JULY 3RD QUARTER- METERS FROM WEST GOSHEN - CC COLLECTION																
	DATE	WESTTOWN WAY READING	WESTTOWN WAY GPD	ELLIS LANE READING	ELLIS LANE GPD	PAOLI PIKE READING	PAOLI PIKE GPD	WILSON DRIVE READING	WILSON DRIVE GPD	SUMMIT GPD	NET FLOWS	DATE					
0.00	07/01/12									20,400	0	07/01/12					
0.00	07/02/12									20,400	0	07/02/12					
0.00	07/03/12									20,400	0	07/03/12					
0.00	07/04/12									20,400	0	07/04/12					
0.00	07/05/12	2,589,058	976,833	25,262,779	89,248	12,586,783	56,053	14,282,509	66,735	20,400	764,797	07/05/12					
0.00	07/06/12	2,590,032	974,000	25,271,814	90,350	12,592,150	53,670	14,291,838	93,290	20,400	736,690	07/06/12					
0.00	07/07/12									20,400	0	07/07/12					
0.00	07/08/12									20,400	0	07/08/12					
0.22	07/09/12									20,400	0	07/09/12					
0.00	07/10/12	2,594,019	996,750	25,327,001	137,968	12,615,346	57,990	14,323,518	79,200	20,400	721,593	07/10/12					
0.00	07/11/12	2,595,014	995,000	25,340,393	133,920	12,621,086	57,400	14,332,100	85,820	20,400	717,860	07/11/12					
0.00	07/12/12									20,400	0	07/12/12					
0.00	07/13/12	2,596,997	991,500	25,367,221	134,140	12,633,231	60,725	14,348,949	84,245	20,400	712,390	07/13/12					
0.45	07/14/12									20,400	0	07/14/12					
1.00	07/15/12									20,400	0	07/15/12					
0.00	07/16/12	2,600,074	1,025,667	25,414,284	156,877	12,654,084	69,510	14,370,434	71,617	20,400	727,663	07/16/12					
0.00	07/17/12	2,601,122	1,048,000	25,429,446	151,620	12,660,392	63,080	14,379,677	92,430	20,400	740,870	07/17/12					
0.27	07/18/12									20,400	0	07/18/12					
0.20	07/19/12									20,400	0	07/19/12					
0.00	07/20/12	2,604,118	998,667	25,473,668	147,407	12,677,291	56,330	14,407,050	91,243	20,400	703,687	07/20/12					
0.00	07/21/12									20,400	0	07/21/12					
0.00	07/22/12									20,400	0	07/22/12					
0.04	07/23/12									20,400	0	07/23/12					
0.00	07/24/12									20,400	0	07/24/12					
0.00	07/25/12									20,400	0	07/25/12					
0.40	07/26/12	2,609,998	980,000	25,539,054	108,977	12,711,655	57,273	14,450,650	72,667	20,400	741,083	07/26/12					
0.00	07/27/12									20,400	0	07/27/12					
0.00	07/28/12									20,400	0	07/28/12					
0.00	07/29/12									20,400	0	07/29/12					
0.28	07/30/12	2,613,692	973,500	25,578,609	98,888	12,736,099	61,110	14,480,811	75,403	20,400	738,100	07/30/12					
0.00	07/31/12	2,614,871	979,000	25,588,265	96,560	12,741,918	58,190	14,488,720	79,090	20,400	745,160	07/31/12					
2.86			994,447		122,359		59,212		81,067	20,400	731,808						
					EG TWP												
		MONTH TO DATE			2.86												
		NORMAL MONTH TO DATE															
		YEAR TO DATE			21.27												
		NORMAL YEAR TO DATE															

2012 SUMMARY OF METER READINGS

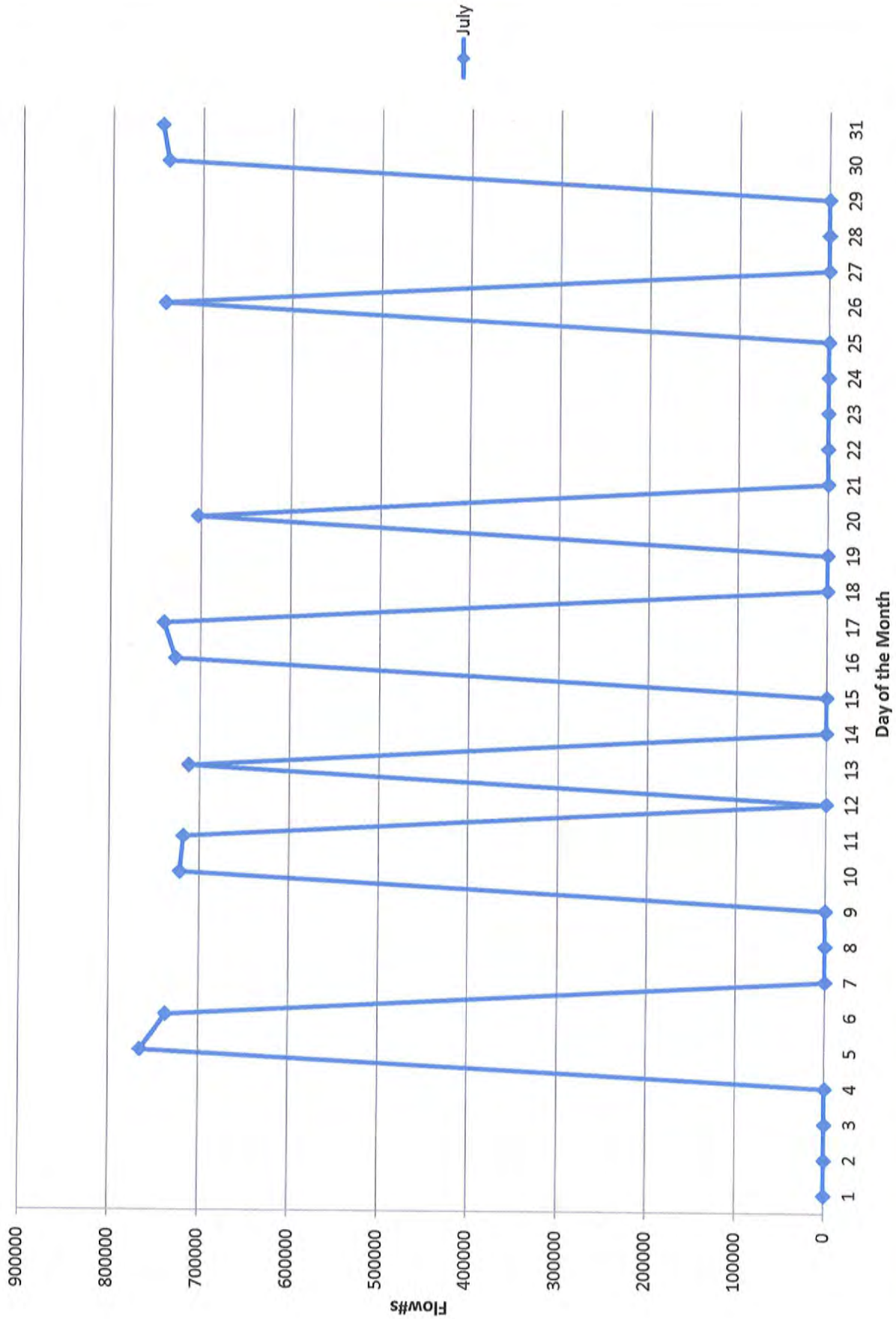
	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT	HERSHEY MILL	ASHBRIDGE	HICKS	RESERVOIR	SHERMAN	BARKWAY
JANUARY	1,296,433	152,585	69,729	69,440	20,400	73,086	90,225	67,846	909,322	6,922	12,327
FEBRUARY	1,172,663	140,579	61,074	65,911	20,400	63,555	73,939	295,466	1,019,637	6,561	11,350
MARCH	1,157,405	222,657	61,103	71,039	20,400	60,276	70,943	300,484	0	6,707	8,575
APRIL	1,059,167	186,208	53,353	57,578	20,400	58,987	63,358	285,508	285,613	6,407	10,305
MAY	1,144,546	167,830	63,648	81,622	20,400	55,378	60,690	304,075	652,083	6,354	10,862
JUNE	1,125,246	105,303	62,210	90,570	20,400	70,259	61,597			6,517	10,177
JULY	994,447	122,359	59,212	81,067	20,400	63,421	58,789	0	0	5,317	9,892
AUGUST											
SEPTEMBER											
OCTOBER											
NOVEMBER											
DECEMBER											
Total Flows											
Monthly Ave	1,135,701	156,789	61,476	73,890	20,400	63,566	68,506	250,676	573,331	6,398	10,498

To
West Goshen 843,547

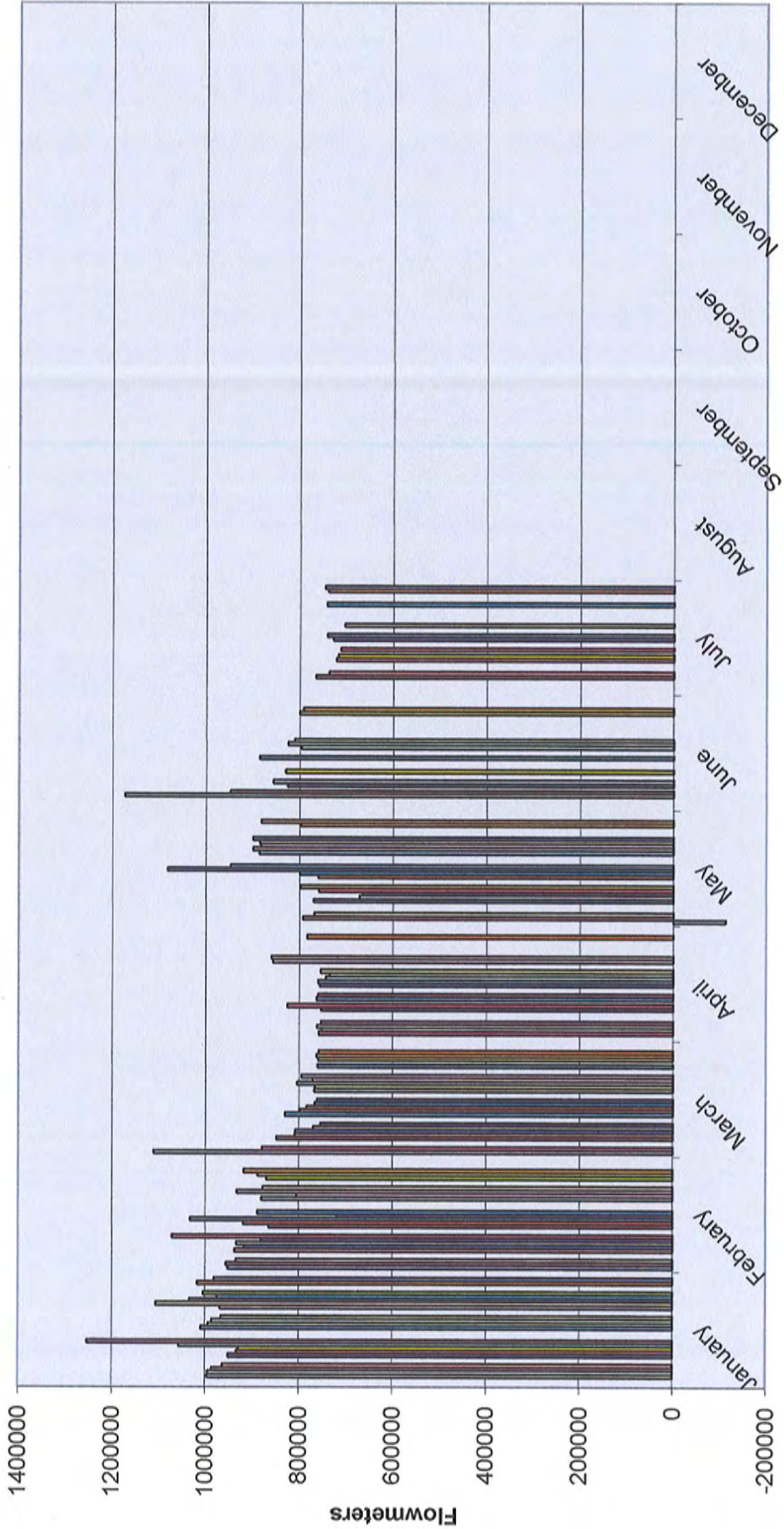
2012 SUMMARY OF METER READINGS

	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT
JANUARY	1,296,433	152,585	69,729	69,440	20,400
FEBRUARY	1,172,663	140,579	61,074	65,911	20,400
MARCH	1,157,405	222,657	61,103	71,039	20,400
APRIL	1,069,776	186,208	53,353	57,578	20,400
MAY	1,144,546	167,830	63,648	81,622	20,400
JUNE	1,125,246	105,303	62,210	90,570	20,400
JULY	994,447	122,359	59,212	81,067	20,400
AUGUST					
SEPTEMBER					
OCTOBER					
NOVEMBER					
DECEMBER					
Total Flows					
Monthly Ave	1,137,217	156,789	61,476	73,890	20,400

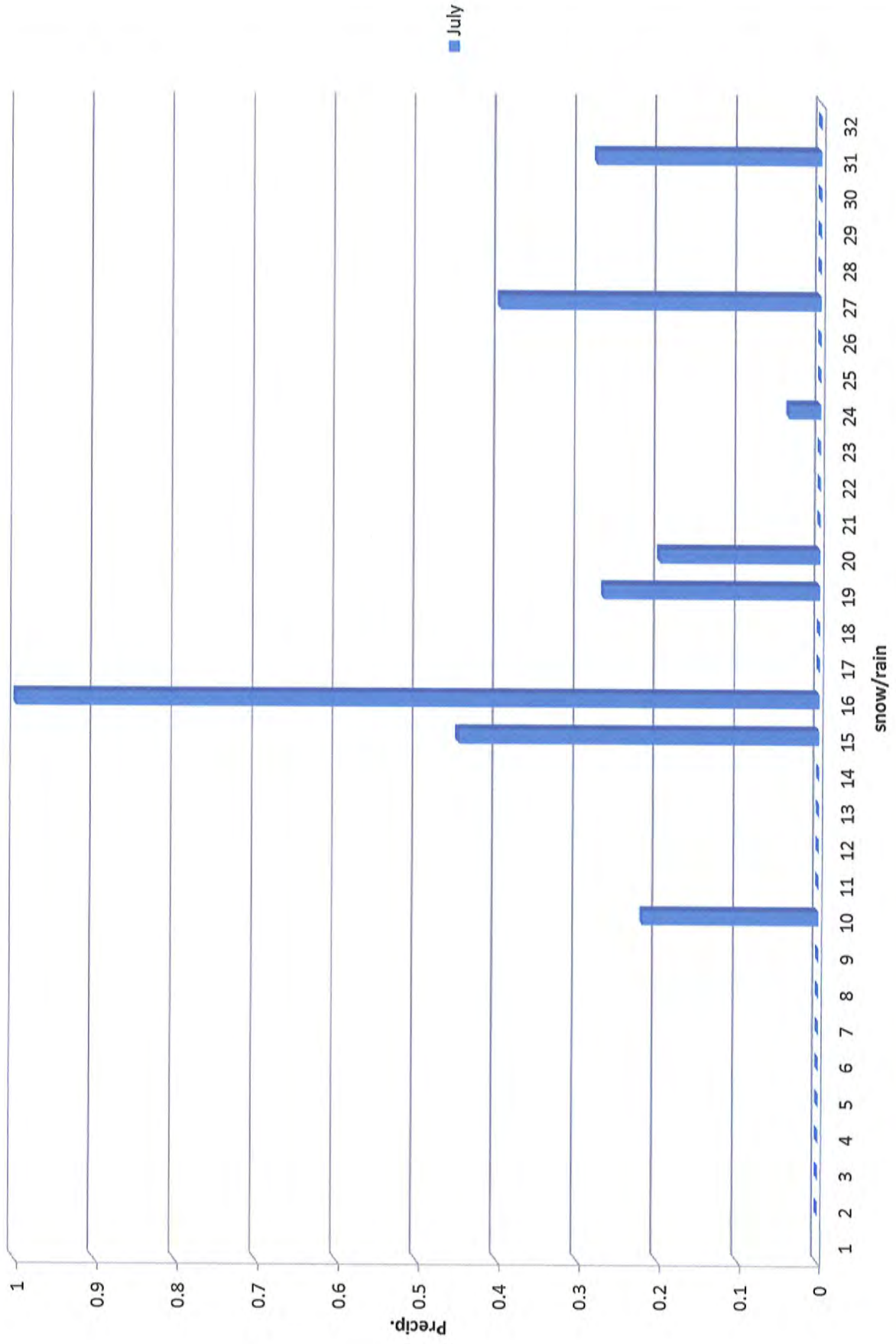
Flowmeters July 2012



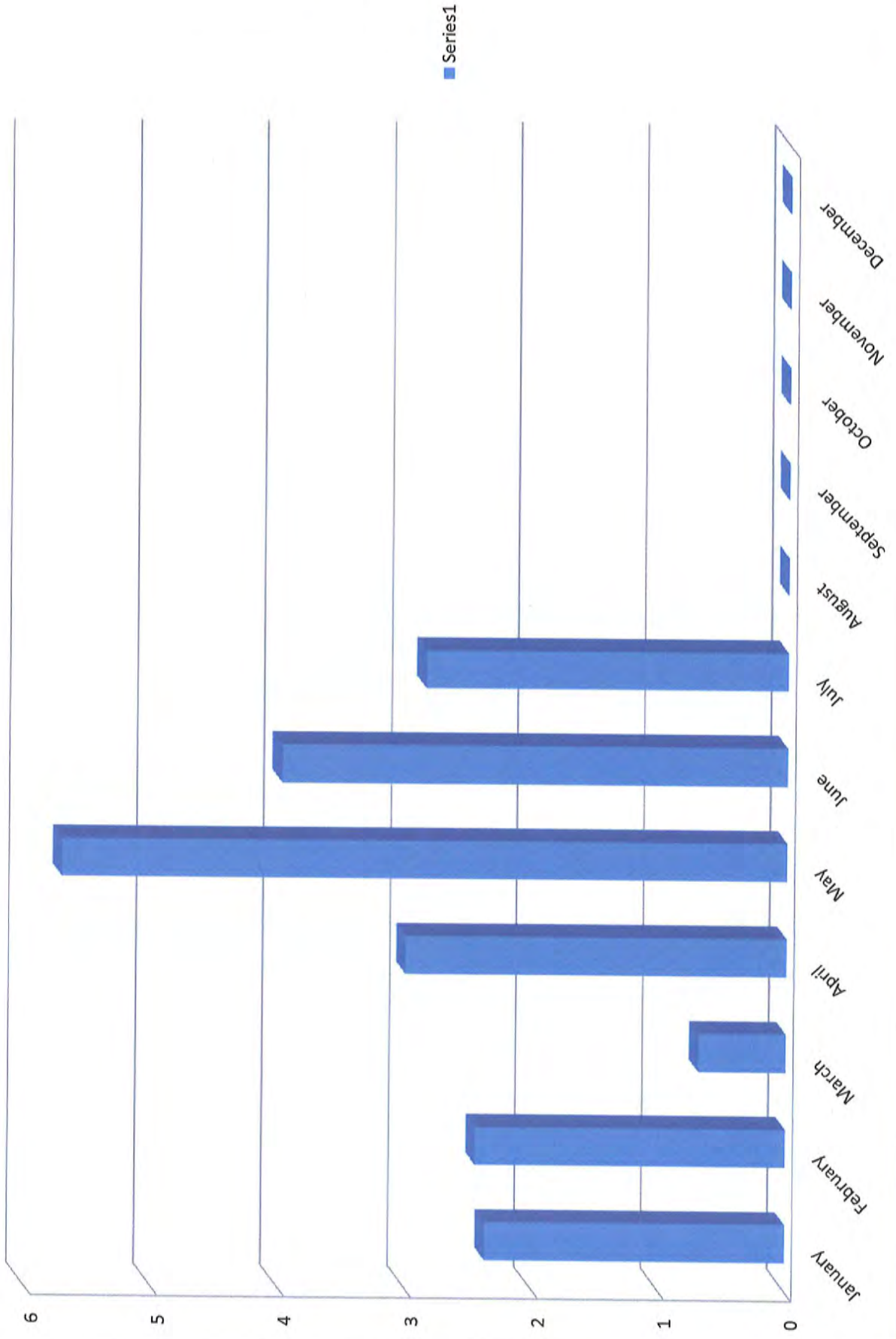
Monthly Totals 2012 Jan-Dec



July Precip. 2.86 - 2012



2012 Monthly Precipitation



East Goshen Township Flows

June
2012

Date	West Goshen	West. Way	Ellis Lane	Paoli Pike	Wilson Drive	West. Way	Total East
	Plant Flow mgd	Pump Station mgd	Meter Pit mgd	Meter Pit mgd	Meter Pit mgd	Meter Pit mgd	Goshen Flow mgd
1	5.015	1.576	0.116	0.065	0.054	1.127	0.892
2	4.816	1.500	0.117	0.066	0.055	1.128	0.890
3	4.566	1.561	0.116	0.065	0.054	1.127	0.892
4	4.013	1.444	0.103	0.062	0.072	1.080	0.843
5	4.690	1.459	0.103	0.062	0.075	1.105	0.865
6	4.450	1.470	0.118	0.071	0.080	1.140	0.871
7	4.460	1.480	0.083	0.050	0.054	1.035	0.848
8	4.334	1.442	0.099	0.062	0.090	1.087	0.836
9	4.325	1.435	0.100	0.062	0.090	1.088	0.836
10	4.474	1.527	0.099	0.062	0.090	1.087	0.836
11	4.247	1.434	0.095	0.047	0.109	1.103	0.852
12	5.390	1.672	0.146	0.083	0.136	1.321	0.956
13	4.800	1.560	0.107	0.059	0.124	1.171	0.881
14	4.440	1.500	0.095	0.051	0.109	1.081	0.826
15	4.422	1.438	0.096	0.058	0.098	1.052	0.800
16	4.540	1.420	0.096	0.059	0.098	1.053	0.800
17	4.222	1.440	0.096	0.058	0.098	1.052	0.800
18	3.876	1.441	0.096	0.060	0.118	1.100	0.826
19	4.640	1.451	0.092	0.056	0.118	1.066	0.800
20	4.410	1.450	0.094	0.057	0.128	1.089	0.810
21	4.200	1.447	0.095	0.057	0.133	1.092	0.807
22	4.419	1.466	0.095	0.059	0.113	1.055	0.788
23	4.157	1.415	0.096	0.059	0.114	1.055	0.786
24	4.202	1.467	0.095	0.059	0.113	1.055	0.788
25	4.032	1.406	0.095	0.060	0.120	1.105	0.830
26	4.630	1.361	0.096	0.059	0.075	1.072	0.842
27	3.960	1.348	0.083	0.053	0.056	0.942	0.750
28	4.060	1.367	0.089	0.056	0.065	1.001	0.791
29	4.028	1.379	0.092	0.058	0.062	0.991	0.779
30	4.046	1.333	0.092	0.058	0.062	0.991	0.779
31							
1							
Total	131.86	43.69	3.00	1.79	2.76	32.45	24.90
Avg.	4.395	1.456	0.100	0.060	0.092	1.082	0.830

NOTES:

RECEIVED BY: JUNE 19 2012

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

FYI

July 25, 2012

Dear Property Owner:

The purpose of this letter is to inform you that Mr. Christopher Hagman has submitted a Zoning Hearing Board application requesting a Zoning Variance for his property at 440 Gateswood Drive, West Chester, PA, 19380. Mr. Hagman is seeking dimensional relief from the side yard setback requirement of §240-9.G of the Township Zoning Ordinance.

Mr. Hagman proposes to build a freestanding garage and is requesting ten (10) feet of relief from the twenty (20) foot side yard setback requirement of the ordinance.

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

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

August 1, 2012 - Planning Commission meeting (workshop at 7:00 pm, formal meeting @ 7:30 pm)

August 21, 2012 - Board of Supervisors meeting (7:00 pm)

September 6, 2012 - Zoning Hearing Board (**Zoning Variance Hearing, 7:30 PM**)

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

Sincerely,

Mark A. Gordon
Township Zoning Officer

Cc: All Township Authorities, Boards and Commissions

2012 PMAA Leadership Academy

“Managing Conflict & Dealing with Difficult Behavior”

FYI

August 28, 2012

1:00 – 5:00 pm



Fifth in Series
Leadership
Academy
Course!

This workshop is being held concurrently with the PMAA Annual Conference & Trade Show at the Hershey Lodge & Convention Center.

The PMAA Professional Development and Quad A Committees have collaborated in establishing a series of leadership development training courses for municipal authorities. The PMAA Leadership Academy continues its leadership course series, **Managing Conflict & Dealing with Difficult Behavior**, concurrent with the Annual Conference & Trade Show in Hershey. The Committee’s intent is to provide a development training opportunity for future authority management and leaders.

PMAA continues to partner with Avant IMC Infrastructure Management Consulting to present **Managing Conflict & Dealing with Difficult Behavior**.

Again, the training will run concurrently with the Annual Conference, *separate registration required*.

Include your “future leaders” in this important training. Classes will be limited to the first 25 registrants.

Previous sessions included **Essentials of Effective Leadership, Managing and Developing Talent, Communicating with Confidence, and Ethics, Accountability & Strategic Leadership**. Each course stands independent of the others (no prerequisites). **If you missed the previous courses**, this final course in this curriculum series is still a great opportunity to receive excellent leadership training.

Attendees completing all five courses will be recognized as “graduates” during the PMAA Awards Banquet on Tuesday evening, August 28th (See PMAA’s Pre-Conference brochure for banquet registration details.)

Name: _____

Authority/Firm: _____

Address: _____

City, State, Zip: _____

Phone: _____ E-mail: _____

Managing Conflict & Dealing with Difficult Behavior: \$150

For an additional \$125 (½ the regular registration rate), I would like to register to attend other PMAA Annual Conference sessions.

Return registrations to the address listed below. Payment is due with registration. Checks should be made payable to PMAA.

We also accept: Visa MasterCard Discover

Card # _____ Exp.: _____ Security code: _____

Cancellation Policy

Due to reservation guarantees, cancellations received less than 72 hours in advance are not subject to a refund. Cancellations must be received in writing in our office. If a cancellation notice is not received, payment is still due. Unpaid no-shows will be charged.

Pennsylvania Municipal Authorities Association
1000 North Front Street, Suite 401, Wormleysburg, PA 17043

(717) 737-7655 • (717) 737-8431 Fax • email: info@municipalauthorities.org • www.municipalauthorities.org

Operators' Day

Tuesday, August 28, 2012 - 8:00 am – 4:00 pm
PMAA's 70th Annual Conference and Trade Show
Hershey Lodge & Convention Center



Operators' Day includes breakfast, lunch, up to 6 contact hours, and access to the largest industry trade show in Pennsylvania, all at one low price!

NOTE: If you have paid a full conference registration, you do not need to pay an additional registration fee to participate in Operators' Day.

Courses Offered Include:

Corrosion Control for Water & Wastewater Systems

9:00 am – Noon

Presented by Corpro Companies Inc. - ID# 2370

Corrosion is a process that attacks buried or submerged metallic structures (piping, tanks, clarifiers, lift stations) often resulting in service disruptions along with increased operation and maintenance cost. The goal of this presentation is to identify and explain in an easily understood manner the corrosion process and its impact on these structures and proven methods that can be employed to prevent corrosion attack. Topics can be reviewed and discussed will include stray electrical currents, aggressive soils, bimetallic coupling, coating, materials selection, cathodic protection and polyethylene encasement. Several case histories will be reviewed and discussed.

Approved for 3 Contact Hours for Operators Certified in both Water & Wastewater

Fluoridation

9:30am - 11:30 am

Presented by Uni-Tec Consulting Engineers ID# 398

The main purpose of this course is to teach operators how to safely operate and maintain fluoridation processes. Course Content to include:

1. Explain the reason for fluoridating drinking water and its implementation.
2. List the compounds used to furnish fluoride ion.
3. Review designs and specifications of fluoridations equipment.
4. Inspect fluoridation equipment.
5. Start up a chemical feeder.
6. Operate and maintain a chemical feeder.

7. Calculate fluoride dosage & prepare fluoride solutions.
8. Develop and keep accurate fluoride log sheets
9. Prevent overfeeding of fluoride.
10. Shut down chemical feed systems.
11. Safely handle fluoride compounds.

Approved for 2 Contact Hours for Operators Certified in Water

Permit Required Confined Space Awareness

2:00pm - 4:00 pm

Presented by Rettew Associates, Inc. - ID# 5923

The course will include an introduction to the hazards of confined spaces and educate operators on avoiding them. Course content shall include definitions, employer requirements, potential hazards and entry requirements. Course will also help operators determine if they need to attend a full course based on their work tasks.

Approved for 2 Contact Hours for Operators Certified in both Water & Wastewater

Certified Operator Workshop

1:00pm - 4:00 pm

Presented by DEP - Training Section - ID#5512

The regulations for certified treatment plant operators (Chapter 302) were published as final in September 2010. The regulations create new key requirements for operators as well as reinforcement of existing standards. This course was created to help operators understand their responsibilities according to the new regulation.

Approved for 3 Contact Hours for Operators Certified in both Water & Wastewater



REGISTRATION FORM FOR OPERATORS' DAY
PMAA's 70TH ANNUAL CONFERENCE & TRADE SHOW
Hershey Lodge & Convention Center
Tuesday, August 28, 2012

→→ *Photo ID required at time of registration* ←←

Registration materials can be picked up at the Conference registration desk between 2 (no earlier) and 3 pm on Monday, August 27 and starting at 8:00 am on Tuesday, August 28.

Please complete one form per attendee

FYI

- PMAA Member Attendee - \$75 *(Includes training, breakfast & lunch)*
- Non-PMAA Member Attendee - \$95 *(Includes training, breakfast & lunch)*

NAME: _____

AUTHORITY/COMPANY/SYSTEM: _____

PA DEP Operator Client ID# (6 digit # only): _____

ADDRESS: _____

CITY/STATE/ZIP: _____

TELEPHONE: _____ **FAX:** _____ **EMAIL:** _____

COURSE SELECTION:

- Corrosion Control for Water & Wastewater Systems** - Course ID #2370
9:00 am - 12 noon *(approved for water/wastewater)*
- Fluoridation** - Course ID #398
9:30 am- 11:30 am *(approved for water)*
- Certified Operator Workshop** - Course ID #5512
1:00 - 4:00 pm *(approved for water/wastewater)*
- Permit Required Confined Space Awareness** – Course ID #5923
2:00pm - 4:00pm *(approved for water/wastewater)*



Method of Payment:

MAIL Registration and Payment to PMAA, 1000 North Front Street, Suite 401, Wormleysburg, PA 17043

FAX Registration with Credit Card information to: (717) 737-8431

Check No. _____ made payable to PMAA is enclosed.

Visa **MasterCard** **Discover**

Credit Card No. _____ **Exp. Date** _____

Three-digit security code: _____

CANCELLATION POLICY

All cancellations must be received in writing, on company letterhead, and sent to PMAA. All cancellations received after August 3 will receive a refund less a \$20 administrative fee. After August 12, no refunds will be granted. Substitute registrants are welcome, fax substitution requests to 717-737-8431.

FYI

FILE

Memo
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

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

Date: July 23, 2012
To: Board of Supervisors
From: Rick Smith Township Manager
Re: Sewer Plant Operator

8-7-12

Big Fish

\$ 8,250 month

In response to the RFP I received two proposals for operating the Ridley Creek Sewer plant.

The first was from M&B Environmental, Inc. with a base monthly fee of \$6,650. M&B estimates that they will spend 5 hours 5 days a week and 2 hours on weekend days for a total of 29 hours a week at the plant. The base fee is \$52.92/hour.

The second was from Big Fish Environmental for \$10,516 a month. Their proposal calls for 6 hours 5 days a week and 3 hours on the weekend days (36 hours total per week). The base fee is \$67.11/hour.

I discussed this with Mark he recommended that we continue to have Big Fish operate the plant in spite of the substantial difference in cost. He noted that one of the problems with the previous operator (the low bidder) was that management would not let the plant operators spend sufficient time at the plant. As a result the plant suffered. And the Township Public Works Department had to spend an inordinate amount of time at the plant to fix or clean out equipment. He also pointed out that Scott has dramatically reduced the chemical usage at the plant, which has saved us money. Lastly, Mark says that he no longer has to worry about what will be there when he opens the gate at the plant.

I then went back to Scott, who has been operating the plant since February of this year, and he agreed to reduce his monthly rate to \$8,250. However, he was unwilling to cut back the hours. Scott advised that he currently spends at least 36 hours a week to run the tests and perform the tasks that are required to operate the plant. Under the revised proposal the base fee is \$52.88/hour.

Recommendation – Mark and I would recommend that we you accept the revised proposal from Big Fish Environmental Services operate the Ridley Creek Sewer Plant.

WEST GOSHEN SEWER AUTHORITY
REGULAR MEETING
August 1, 2012



The regular meeting of the West Goshen Sewer Authority was held on Wednesday, August 1, 2012 at the STP Administration Building. Those present were:

<u>Authority</u> Dave Johnson Ron Rothrock Frank Biasi Philip Corvo	<u>Supervisor</u> <u>Administration</u> John Scott	<u>Unruh, Turner</u> Ross Unruh <u>Glance Associates, Inc.</u> Max Stoner
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Mike Arnold called in to listen in on the meeting. John Windle was absent. Mike Moffa, Environmental Compliance Officer for West Goshen Township WWTP and Jack Yahraes from East Goshen Township were in attendance.

The regular meeting of the Authority was called to order at 7:30 P.M. by Vice-Chairman, Dave Johnson.

Philip Corvo motioned to approve the July 11, 2012 meeting minutes, seconded by Ron Rothrock, motion approved.

Ross Unruh presented the Solicitor's Report for the month. The statute of limitations is up in 2 years and if nothing has progressed by 2013 then some decisions would need to be made as to how to proceed. The DEP is currently working on the 2012 303 (d) stream impairment list. Ross Unruh is waiting for the paperwork from Greystone South with the changes that needed to be made. The stream study was sent to EPA. Ross had a meeting with Steve Miano, with John Hall on conference call to talk about the federal lawsuit filing. Steve Miano will be the primary counsel with John Hall being co-counsel. There will be a meeting on August 28 with DEP about the Boyertown Landfill matter, John Scott will be attending.

Ron Rothrock motioned to waive the potential of conflict of interest to permit Steve Miano to represent Lansdale in the Boyertown Landfill matter, seconded by Philip Corvo, motion passed unanimously.

Max Stoner gave the Engineers report dated August 1, 2012: (See report for details)

1. Current Items

a) Washington Street/Westtown Way Pumping Stations

The comminutors have been installed and they have been energized and started.

b) Goose Creek Stream Study/TMDL Permit Issues

The TMDL issues are continuing on. DEP is preparing to issue draft NPDES permits to both West Chester Borough and the Authority in the next several weeks.

2. The Arbours at West Goshen –
They are continuing to build a few more homes. There are some changes proposed in the mixture of types of homes to be constructed due to a changing market.
3. Goshen Leisure Development
Nothing New This Month
4. West Goshen Business Park
The developer has submitted plans for a 114 one-bedroom age restricted apartment complex to be constructed on Lot 8, there are no major concerns with the sanitary sewer system.
5. Zarelli Subdivision 825 Goshen Road
Nothing new this month.
6. Margarita's Site Development
Waiting for as-built plans. Nothing new this month.
7. Wexford Mews
Waiting for as-built plans. Nothing new this month.
8. Jerrehian Estate
Large Tract
Glance has finished the initial review the sanitary sewer plans for the proposed 598 unit development. They are still proposing two (2) pumping stations. They have provided preliminary plans. The review has been completed with no major issues on the proposed design. Plans for 14 lot development were reviewed and that the temporary pumping station should be eliminated and individual grinder pumps be installed. Also we required changes to the rights of way and the connection to the existing force main. Samples of what type of pumping stations the Authority desired were sent to Horizon Engineers.

The proposed three (3) lot subdivision which was an existing home and two (2) new lots, there were a few minor comments. Horizon Engineers called and discussed both reviews and agreed to make the requested changes. The WCASD has signed an agreement to dedicate the gravity lines and right of way to the existing small pumping station at the athletic fields to the Authority. Ross is handling the paperwork.

Graystone South
The sewer work is substantially complete. They submitted a video of the pipe installation. They have provided as built plans and dedication documents as well as a sanitary sewer easement to Max and Ross for review. The easement was approved and sent by our office to Ross. Ross is still waiting for the signoff from the Jerrehians.
9. Greenhill Corporate Park – Lot 11
Drury Development Company is proposing a 2 ½ story 34,480 s.f. office building at 1171 McDermott Drive. There are no major issues with the sewer for this proposed project. this was approved at the planning commission in July, 2009.

10. Village of Shannon – Shadeland Woods
They are continuing to construct units in this development.
11. Lincoln Independence Park
Nothing New This Month
12. DLH Development – Reservoir Property
Waiting for as-built drawings and dedication documents
13. Domestic Violence Center
Need record drawings of the tie-in to the system. Nothing new this month.
14. Gavin Property – 415 Goshen Road
Nothing New This Month
15. Liberty Tools
This property will be served by a grinder pump. They have proposed to tie a few other lots into the low pressure system. John Scott has agreed with this concept which was done on Delaware Avenue and Wexford Mews. Ross has been discussing individual grinder pump agreements for each property that will connect to the system with the attorney for Liberty Tools. Nothing new this month.
16. Kirkland Woods
This is a new 7 lot sub-division on 4.3 acres, located at Kirkland Avenue and Ashbridge Road. The sanitary sewer main needs extended but no rights of ways are involved. A developer's agreement will need to be entered into between the Authority and the developer. The plan received approval from the Township and they have contacted Ross and our office to establish a construction escrow account. They reviewed and approved the construction escrow account.
17. QVC Warehouse
QVC is planning an approximately 60,000 s.f. addition to its warehouse. There appear to be no significant issues with the sanitary sewer system for the proposed addition.
18. Chester County Hospital
The plans were revised to address all the review comments. They will need to dedicate a small portion of the sewer line in Goshen Road to the Authority. There were some questions on the EDU's and the sewer permit applications. We have not seen the easement plans or the road occupancy permit application for the township. There have been some questions on deduct meters for the chillers and condensers.
19. Fame Fire Company Expansion
Proposed 4,000 s.f. addition located at S. Matlack & Rosedale Ave. This does not significantly affect the Authority's system. An approval letter was sent out. Nothing new this month.
20. Deco Sales Company
3,000 s.f. addition to office and warehouse on Carter Drive. Review was done and submitted to the township and the developer's engineers.

The following invoices were moved for approval by Frank Biasi, seconded by Ron Rothrock and unanimously approved:

ADMINISTRATIVE EXPENSES:

PAYEE	PURPOSE	AMOUNT
Unruh	General Representation	\$ 554.65

DEVELOPER ACCOUNTS:

PAYEE	DEVELOPER	AMOUNT
Unruh	Greystone South	\$ 92.50

On a motion by Philip Corvo and seconded by Ron Rothrock, the following requisitions were approved for payment.

TAPPING FEE FUND:

REQUISITION #	PAYEE	PURPOSE	AMOUNT
1497	Glance & Associates	TMDL	\$ 1,420.94
1498	Unruh, Turner, Burke & Frees	Appeal to EHB	\$ 5,792.13
1496	Hall & Assoc.	TMDL	\$ 2,569.39
1495	PA DEP	NPDES Permit	\$ 2,500.00

Philip Corvo requested a 1-2 page summary of what has/is transpiring with EPA and DEP for the Township Supervisor to review.

FULTON FINANCIAL BALANCES (as of June 30, 2012)

Total all accounts - \$ 6,216,964.79

There being no further business, on a motion by Frank Biasi seconded by Ron Rothrock, the meeting was adjourned at 7:57 p.m.

Respectfully submitted,

Tina Charron, Recording Secretary