

EAST GOSHEN MUNICIPAL AUTHORITY

December 14, 2009

Monday, 7:00 PM

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE
 - a. Announce that the Recording Secretary will be taping the meeting for her use and that the tape will be erased when the minutes for that meeting have been approved.
 - b. Ask if anyone will be taping the meeting?
2. RIDLEY CREEK REPORTS
 - a. Brickhouse Environmental -
 - b. Pennoni -
 - c. Status update for Proposed Change Order
 - d. Worth & Company Change Orders/Handrail
 - e. Continued Construction Services
3. RIDLEY CREEK INVOICES
 - a. Gawthrop Greenwood #74709, 11/31/09 \$ 285.00
 - b. Brickhouse Environmental, #5090, 12/1/09 \$7,963.75
 - c. Worth & Company
 - d. Clinger
4. CHAIRMAN'S REPORT/OTHER MEMBERS REPORTS
5. APPROVAL OF MINUTES
 - a. November 9, 2009
6. ENGINEER'S REPORT
 - a. Pennoni report
7. APPROVAL OF INVOICES
 - a. Pennoni, #424688, 11/24/09 \$ 511.50
 - b. Pennoni, #424689, 11/24/09 \$ 662.25
 - c. Pennoni, #424694, 11/24/09 \$ 11,265.00
 - d. Gawthrop Greenwood, #74708, 10/31/09 \$ 1,118.02
 - e. Gawthrop Greenwood, #75677, 11/30/09 \$ 665.00
 - f.
8. LIAISON REPORTS
9. FINANCIAL REPORTS
10. GOALS
11. OLD BUSINESS
12. NEW BUSINESS
 - a. Marydell Pump Station Diversion Project Planning Amendment
 - b. Lockwood Chase Sewage Treatment Plant Planning Amendment
 - c. Hershey Mill and Reserve Pump Station Diversion Amendment
 - d. Approve Gawthrop Greenwood' 2010 Fees for Legal Services
- b. CAPACITY REQUESTS
13. SEWER REPORTS
 - a. Director of Public Works Report – November 2009
 - b.

Monday, December 14, 2009

14. ANY OTHER MATTER

15. CORRESPONDENCE AND REPORTS OF INTEREST

- a. Letter from Resident Jo-Anne Fote complimenting Public Works Director,
Mark Miller

16. PUBLIC COMMENT

17. ADJOURNMENT

Reminder – NEWSLETTER ARTICLE SUBMISSION DUE DATES:

<u>Article Due Date</u>	<u>Delivery date</u>
February 10, 2010	April 1, 2010
May 12, 2010	July 1, 2010
August 11, 2010	October 1, 2010
November 10, 2010	January 1, 2011



Brickhouse Environmental

Project Accomplishments
B E Project No. 09-2532-0

East Goshen / Ridley Creek Sewage Treatment Plant Upgrade / Expansion
November 2009

2. RIDLEY CREEK
2. REPORT
2 pop

The following Project Management tasks were performed for the Ridley Creek Wastewater Treatment Plant Expansion project:

- 11-2-09 Contractor invoice reviews at the site. Site inspection of work completed.
- 11-3-09 Meeting w/ Worth, Rick Smith and Pennoni Associates re: discussion and evaluation of merits of Change Orders submitted to date.
- 11-4-09 Prepare draft Project Manager's report and distribution to Pennoni inspector for comment.
- 11-5-09 Progress site visit, review notes w/ Pennoni and work recently completed.
- 11-6-09 Informal meeting w/ Rick Smith, Mark Miller & Pennoni inspector to discuss elements of the 11-3-2009 meeting.
- 11-6-09 Drafted letter summarizing prior meetings, made recommendations and distributed letter.
- 10-7-09 Reviews and draft correspondence preparation regarding PCO-11. Prepare response letter to resident Kevin Snyder.
- 11-9-09 Finalized PM Report by incorporating comments.
- 11-9-09 Attended Authority Meeting and presented Project Manager's report.
- 11-9-09 Conversation to update Joe McCawley, who could not attend the Authority Meeting.
- 11-10-09 Contacts w/ Clinger's Bob Dina for meeting scheduling to discuss additional expenses.
- 11-12-09 Prepared for and attend meeting w/ Clinger and EGTMA to discuss additional expenses resulting from construction delays.
- 11-12-09 Attended progress construction meeting.
- 11-12-09 Progress site visit.



Brickhouse Environmental

- 11-16-09 Progress site visit.
- 11-18-09 Progress site visit. Observed first day of two day Treatment Plant concrete floor pour. (Poured east to west in alternating pads). Treatment Building synthetic roof being glued to foam insulation panels. Screen Building roof shingling completed.
- 11-19-09 Meeting w/ Rick Smith and Mark Miller.
- 11-20-09 Progress site visit. Met w/ Worth's Jeff Bush to discuss electrical work schedule update.
- 11-20-09 Meeting w/ Pennoni (Matt McAloon & Frank Ciufu) to discuss construction schedule and proposed opening around fine screen.
- 11-24-09 Site progress visit. Observed blower start up and check by manufacturer representative. Treatment Building floor pouring had been completed on 11-23-09. Blowers placed on new pads 11-24-09 but not yet anchored. Building exterior base coated with water proofing. Screen Building water proofing planned for by end of week. Blower #4 motor and bearings found to be bad.
- 11-25-09 Prepared for and attend progress construction meeting.
- 11-25-09 Progress site visit.
- 11-30-09 Conversation w/ Pennoni inspector re: construction update. Reviewed recent submittals.

Note: As of November 30, 2009 the cumulative project management hours budgeted was 750. The actual cumulative hours were 504.

"BRICKHOUSE"

2. RIDLEY CREEK REPORT

Dec MA MTS
C.
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November 9, 2009

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

Re: Status Update for Proposed Change Orders

Dear Authority Board Members,

On Wednesday, November 4, 2009, Dave Evans and met with the Evan Andrews, Pennoni Associates, Inc., Jeff Bush, Worth & Company, Inc. to discuss the proposed change order requests. On Friday, November 6, 2009, we later met with Rick Smith and Mark Miller to review all of the information presented to develop a recommendation for the Authority's consideration. A summary of the unresolved proposed change orders, respective cost and a recommended action is listed.

Proposed Change Order Number	Description	Cost	Recommendation
PCO-01	Repairs to Blower No. 1	\$3,209.70	The Authority previously approved this change order and payment to Worth & Company should be verified.
PCO-03	Over excavation at the influent lift station	\$2,703.00	Recommended for approval and payment.
PCO-04	Repairs to Blower No. 2	\$5,542.80	Recommended for approval and payment. The Authority directly paid the manufacturer for the electric motor.
PCO-05	Additional cost for the change in the top entry mixer design.	\$7,075.20	Recommended for approval and payment contingent on Worth & Company providing separate price quotes from the vendor for each mixer design.

PCO-06	Concrete wall at UV channel	\$11,357.25	Recommended for approval and payment contingent on including a credit for the omitted frost barrier in the sum of \$2,250 resulting in an adjusted sum of \$9,107.25.
PCO-12	Transfer beam at the treatment building	\$2,013.60	There is general consensus that the scope of work was required and Worth & Company, Inc. was instructed to proceed. The purchase order request to the Authority should be withdrawn. Worth & Company, Inc. is recommended to address the cost directly with Pennoni Associates, Inc.
PCO-13	Modification to Roof Steel at Screen and Treatment Building Control Joints	\$4,499.12	There is general consensus that the scope of work was required and Worth & Company, Inc. was instructed to proceed. The purchase order request to the Authority should be withdrawn. Worth & Company, Inc. is recommended to address the cost directly with Pennoni Associates, Inc.

In addition to the items listed, we recommend that Worth & Company provide the Authority with a credit towards modifying the installation of the frost barrier within the treatment building. The installation of the frost barrier sheathing has been modified and will result in a reduction of labor and construction schedule. A proposed credit in the sum of \$9,000.00 is suggested.

We also recommend that Worth & Company, Inc. confirm that no additional days beyond June 30, 2010 substantial completion date are required.

Lastly, as a follow up to the Authority's October 22, 2009 letter, Worth & Company should provide the Authority a letter addressing the following items:

1. Credit for PCO-2
2. Credit for PCO-10
3. Credit of \$20,000
4. Credit of \$50,000 towards paving

Very truly yours,
Artesian Utility Development, Inc/Brickhouse Environmental, Inc.

Scott A. Towler, P.E.
Project Manager

Cc: Mark Miller, East Goshen
Evan R. Andrews, P.E., Pennoni Associates, Inc.
Frank Ciufu, P.E., Pennoni Associates, Inc.
Matthew McAloon, Pennoni Associates, Inc.
Dave W. Evans, P.E., Brickhouse Environmental

d.
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Worth & Company, Inc.

Mechanical Contractor
6263 Kellers Church Road
Pipersville, PA 18947
Tel: (267) 362-1100 Fax: (267) 362-1130
www.worthandcompany.com

November 23, 2009

Mr. Dan Postlewaite
Pennoni
One Drexel Plaza
3001 Market Street
Philadelphia, PA 19104

Re.: Ridley Creek Sewage Treatment Plant Upgrade & Expansion
Pennoni Project# EGMA 0707
Additional Openings in the SBR Handrail w/ Alt. Closures
PCO-15 Alt 2

Dear Mr. Postlewaite,

Please find attached our cost estimate sheet showing our additional cost of Four Thousand Four Hundred Ninety Four Dollars and fifty-two cents (\$4,494.52) to supply the materials, equipment and labor required to add openings in the SBR interior handrail with alternate closure options. Direction was provided from Pennoni Associates.

An extension of time of twenty-one (21) days is required.

This change proposal covers only the direct cost associated with the change order work described above. We reserve the right to assess the impact of this change order at a later date and to submit these costs as they become known.

Please issue a change order for this work as soon as possible.

If you should have any questions or require additional information please do not hesitate to contact me.

Sincerely,

Jordan Evans
Project Engineer

8 openings
Recommend for Approval

Cc: File

Jeff Bush, Worth and Company
Fred Papiernik, Worth and Company
Frank Ciufu, Pennoni



2 RIDLEY CREEK REBRI
2 pap

November 4, 2009

EGMA0707/05

Rick Smith, Township Manager
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Re: RCSTP Upgrade and Expansion
Continued Construction Services

Dear Mr. Smith:

As discussed, Pennoni "capped" our billings for the construction phase of this project as agreed with the Authority on May 11, 2009 until the original contracted completion date of November 13, 2009. In the event that the construction continued past November 13, 2009, Pennoni was permitted to resume invoicing effort incurred after November 13 until the project is completed (substantial completion currently scheduled for June 30, 2010). It is assumed that final completion will be reached approximately 30 days later.

SCOPE OF WORK

Construction Observation: We will continue to provide Matt McAloon for construction observation during active construction to confirm that the Contractors' work conforms to the plans and specifications. We anticipate that the average weekly inspection time will be approximately 20 hours per week (down from 25 during the previous year) and continue for approximately 32 weeks (to June 30, 2010). During the period between substantial completion to final completion, we anticipate an additional 60 hours of construction observation effort. The total estimated construction observation effort is therefore 700 hours.

Project Administration: We will continue to respond to contractor requests for information, review submittals and pay requests, and conduct bi-weekly progress meetings. We anticipate that the average monthly effort for project administration will be approximately 40 hours per month for approximately 9 months (to July 30, 2010 – final completion).

System Start-Up: Witness the start-up and testing of installed equipment (wastewater screen, influent pump station, SBRs (at intermediate phase and final completion), cloth filters, and centrifuge. Start-up and testing will be performed by the Contractors and equipment suppliers (96 hours).

Contractor Changes: We will respond to contract changes (either as a result of conditions uncovered in the field or proposed improvement to the project or schedule) as authorized by the Authority. We propose an allowance of \$7,500.00 to cover this effort if so authorized.

2092

EGMA0707/05
Rick Smith

November 4, 2009

Page 2
Continued Construction Services

ESTIMATED FEE

Our estimated fee for the above scope of work and project duration, to be billed on a time and material basis, is \$99,700.00. The work will be done on an hourly basis at our standard rates established in our Engineering Services Agreement.

Should you have any questions or need additional information, please do not hesitate to call.

Very truly yours,

PENNONI ASSOCIATES INC.



Evan R. Andrews, P.E.
Authority Engineer

COPY

3. RIDLEY CREEK INVOICES
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Gawthrop Greenwood, PC
Attorneys at Law

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

East Goshen Municipal Authority
1580 Paoli Pike
West Chester PA 19380

Page: 1
10/31/2009
Client No: 6604-06M
Statement No. 74709

Ridley Creek Treatment Plant Upgrades/ Expansion

Fees

		Hours	
10/06/2009	RFA		
	Review Dutchland extended warranty provisions and Worth contract warranty language.	0.60	
10/08/2009	RFA		
	Telephone conference with Rick Smith regarding Worth-Dutchland settlement proposal.	0.30	
10/09/2009	RFA		
	Review message from Joe McCawley commenting on North/Dutchland proposal; review message from Rick Smith responding to McCawley.	0.60	
	For Current Services Rendered	1.50	285.00

Recapitulation

Timekeeper	Hours	Hourly Rate	Total
Robert F. Adams	1.50	\$190.00	\$285.00

Total Current Charges 285.00

Balance Due \$285.00

OK TS
11-10-09

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.



**Brickhouse
Environmental**
Consultants and Engineers

3. RIDLEY CREEK INV
B
3 pgs

2009 DEC 7 PM 12 40

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Invoice number 5090
Date 12/1/2009

Client ID: 548

Contract: 09.2532
E Goshen Twp-Ridley Creek Sewer
Scope of Work: Project No. 09-2532-0 E. Goshen/Ridley Creek Sewer Plant/WW Engineering

Attn: Mr. Rick Smith, Township Manager

SEE PROJECT ACCOMPLISHMENTS ATTACHED.

Professional Services Rendered Through the Month of November 2009.

Labor

<u>Employee Type</u>	<u>Hours</u>	<u>Amount</u>
Project Manager	69.25	7,963.75
	69.25	7,963.75
		<u>Amount</u>
Reimbursable		0.00
	Expense Total	0.00
	Invoice Total	7,963.75

OK
RS
12/9

515 South Franklin Street
West Chester, PA 19382

Payment Terms: Net Thirty (30) Days; Credit Cards Accepted

Phone 610.692.5770
Fax 610.692.8650



Brickhouse Environmental

East Goshen Township: Ridely Creek Sewer Plant Expansion Project Management Schedule

The original budget estimate assumed commencing the first week of May. Week 1 actually commenced 28-April-2009 (week ending 30-April). The schedule reflects this change for monthly comparison based on the agreed \$115.00 hourly rate.

Week Ending	Estimated				Actual Totals			
	Project Management	Cumulative Hours	Cumulative Fees	Monthly Fees	Project Management	Cumulative Hours	Cumulative Fees	Monthly Fees
30-Apr-09	0	0	\$0	\$0	18.5	18.5	\$2,127.50	\$2,127.50
7-May-09	48	48	\$5,520					
14-May-09	50	98	\$11,270					
21-May-09	20	118	\$13,570					
28-May-09	20	138	\$15,870		73.5	92.0	\$10,580.00	\$8,452.50
4-Jun-09	20	158	\$18,170	\$18,170				
11-Jun-09	20	178	\$20,470					
18-Jun-09	20	198	\$22,770					
25-Jun-09	20	218	\$25,070					
2-Jul-09	20	238	\$27,370					
9-Jul-09	20	258	\$29,670					
16-Jul-09	20	278	\$31,970					
23-Jul-09	20	298	\$34,270					
30-Jul-09	24	322	\$37,030					
6-Aug-09	24	346	\$39,790	\$11,500	81.0	240.8	\$27,686.25	\$9,315.00
13-Aug-09	24	370	\$42,550					
20-Aug-09	24	394	\$45,310					
27-Aug-09	24	418	\$48,070					
3-Sep-09	24	442	\$50,830					
10-Sep-09	4	446	\$51,290	\$11,500	67.5	308.3	\$35,448.75	\$7,762.50
17-Sep-09	20	466	\$53,590					
24-Sep-09	24	490	\$56,350					
1-Oct-09	24	514	\$59,110					
8-Oct-09	24	538	\$61,870					
15-Oct-09	16	554	\$63,710	\$12,420	64.5	372.8	\$42,866.25	\$7,417.50
22-Oct-09	8	562	\$64,630					
29-Oct-09	24	586	\$67,390					
5-Nov-09	24	610	\$70,150					
12-Nov-09	24	634	\$72,910					
19-Nov-09	24	658	\$75,670	\$11,960	61.5	434.3	\$49,938.75	\$7,072.50
26-Nov-09	24	682	\$78,430					
3-Dec-09	24	706	\$81,190					
10-Dec-09	20	726	\$83,490					
17-Dec-09	20	746	\$85,790					
24-Dec-09	4	750	\$86,250	\$10,580	69.3	503.6	\$57,902.50	\$7,963.75
31-Dec-09	20	770	\$88,550					
7-Jan-10	24	794	\$91,310					
14-Jan-10	20	814	\$93,610					
21-Jan-10	20	834	\$95,910					
28-Jan-10	16	850	\$97,750	\$11,500				
4-Feb-10	4	854	\$98,210					
11-Feb-10	20	874	\$100,510					



Brickhouse Environmental

East Goshen Township: Ridely Creek Sewer Plant Expansion Project Management Schedule

The original budget estimate assumed commencing the first week of May. Week 1 actually commenced 28-April-2009 (week ending 30-April). The schedule reflects this change for monthly comparison based on the agreed \$115.00 hourly rate.

Week Ending	Estimated			Monthly Fees	Actual Totals		
	Project Management	Cumulative Hours	Cumulative Fees		Project Management	Cumulative Hours	Cumulative Fees
17-Jan-10	20	894	\$102,810				
24-Jan-10	24	918	\$105,570				
31-Jan-10	24	942	\$108,330	\$10,580			
7-Feb-10	24	966	\$111,090				
14-Feb-10	24	990	\$113,850				
21-Feb-10	24	1,014	\$116,610				
28-Feb-10	20	1,034	\$118,910	\$10,580			
7-Mar-10	20	1,054	\$121,210				
14-Mar-10	20	1,074	\$123,510				
21-Mar-10	20	1,094	\$125,810				
28-Mar-10	20	1,114	\$128,110				
31-Mar-10	16	1,130	\$129,950	\$11,040			
4-Apr-10	8	1,138	\$130,870				
11-Apr-10	24	1,162	\$133,630				
18-Apr-10	24	1,186	\$136,390				
25-Apr-10	24	1,210	\$139,150				
30-Apr-10	24	1,234	\$141,910	\$11,960			
9-May-10	20	1,254	\$144,210				
16-May-10	20	1,274	\$146,510				
23-May-10	20	1,294	\$148,810				
30-May-10	20	1,314	\$151,110				
31-May-10	4	1,318	\$151,570	\$9,660			
6-Jun-10	16	1,334	\$153,410				
13-Jun-10	20	1,354	\$155,710				
20-Jun-10	20	1,374	\$158,010				
27-Jun-10	20	1,394	\$160,310				
30-Jun-10	12	1,406	\$161,690	\$10,120			
4-Jul-10	8	1,414	\$162,610				
11-Jul-10	20	1,434	\$164,910				
18-Jul-10	24	1,458	\$167,670				
25-Jul-10	24	1,482	\$170,430				
31-Jul-10	20	1,502	\$172,730	\$11,040			
8-Aug-10	20	1,522	\$175,030	\$2,300			

3 of 3

EAST GOSHEN TOWNSHIP
MUNICIPAL AUTHORITY MEETING MINUTES
November 9, 2009

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday, November 9, 2009 at 7:00 PM at the East Goshen Township building. Members in attendance were: Chairman Fran Beck, Jack Yahraes, and Dana Pizarro. Also in attendance were: Township Manager Rick Smith, Public Works Manager Mark Mill, Dave Evans from Brickhouse Environmental, Authority Engineer Evan Andrews, Meghann Hedgecock from the Planning Commission and Carmen Battavio from the Board of Supervisors.

COMMON ACRONYMS:

- | | |
|---|--|
| <i>MA – Municipal Authority</i> | <i>I&I – Inflow & Infiltration</i> |
| <i>HC – Historical Commission</i> | <i>RCSTP – Ridley Creek Sewer Treatment Plant</i> |
| <i>PC – Planning Commission</i> | <i>LCSTP – Lockwood Chase Sewer Treatment Plant</i> |
| <i>CB – Conservancy Board</i> | <i>DEP – Department of Environmental Protection</i> |
| <i>PR – Park & Recreation Board</i> | <i>EPA – Environmental Protection Agency</i> |
| <i>BOS – Board of Supervisors</i> | <i>PHMC – Pennsylvania Historical Museum Commission</i> |
| | <i>NPDES – National Pollutant Discharge Elimination System</i> |

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1. CALL TO ORDER

The meeting was called to order at 7:00pm and Fran led those present in the Pledge of Allegiance.

2. RECORDING MEETINGS-Fran announced that the recording secretary would be digitally recording this meeting and that the recording will be erased upon approval of the final minutes. Fran also asked if anyone in attendance was planning to record this meeting.

3. RCSTP REPORT

No new activity was reported for the Influent Meter Vault. During the week of October 26th, Worth worked on installing the pump rails for the influent pumps in the wet well of the Influent Lift Station. No change in status was noted in the valve vault. There was also no change in status in Manhole Number 1 or the Storm Water Bio retention pool adjacent to Manhole number 1.

Masonry block was completed in the screen building during the week of October 14th. In addition the installation of the roof trusses was completed.

No change in status was recorded for the Influent Force Main to the SBR's. Pressure testing of the butterfly valve and gate valve adjacent to the SBR tank is planned once all the valves and piping are installed. The knife valves on SBR tank # 3 and 4 for the Effluent Discharge Main were installed. The installation of the effluent decant manifold piping has also begun. The contractors are in the process of installing all of the piping. The Effluent Collection Box was removed and reinstalled at a lower elevation on October 20th.

In reference to the SBR basins, a letter dated October 22nd was issued from the Authority to Worth and Company adjusting the date of substantial completion to June 30, 2010.

1 On October 29th, piping and fusing machine was delivered to the treatment building. The
2 bond beam located within the treatment building walls adjacent to the transition between
3 SBR tank and treatment building was installed after the wall and roof beams were
4 constructed. Worth and Company had their sub-contractor removed previously installed
5 block, install the bond beam, then re-install the block wall.
6 Evan added that the mason forgot some material in the foundation and the addition of the
7 beam should support as needed.

8
9 Installation of electrical conduit under the floor slab of the treatment building has been
10 completed. On October 22nd, the main electrical disconnect enclosure was delivered to site
11 and set in place. Also on this day, the electrical wires from the generator to the new
12 transformer were installed.

13
14 **4. RCSTP INVOICES**

- 15 A. Pennoni -- Inv. #422066, 10/30/09 - \$6,577.00.
16 Jack moved to approve payment to Pennoni in the amount of \$6,577.00 for RSCTP
17 expansion project. Dana seconded the motion. No further discussion or public
18 comment was heard. The motion passed unanimously.
- 19 B. Brickhouse Enviromental, 10/30/2009- \$ 7,072.50.
20 Jack moved to approve payment to Brickhouse Enviromental for the RCSTP
21 expansion in the amount of \$ 7,075.50. Dana seconded the motion. No further
22 discussion or public comment was heard. The motion passed unanimously.

23
24 **5. APPROVAL OF MINUTES**

25 The minutes of October 12, 2009 were reviewed. Jack moved that the minutes of October
26 12, 2009 be approved as corrected. Dana seconded the motion. No further discussion or
27 public comment was heard. The motion passed unanimously.

28
29 **6. ENGINEERING REPORT** – Evan reported that construction phase services continue as
30 planned and include progress meeting with the contractors and Township every other
31 Thursday, observation services continue including coordination and communication with
32 Brickhouse and the Township, receipt, review and return of contractor submittals, along with
33 negotiation and approval of payment requests- are also taken care of at these meetings.

34
35 Ridley Creek hydraulic model development has begun with a draft report to be presented to
36 the Township in 10 days. The final report is due to the DEP by December 1, 2009 per the CO
37 & A.

38
39 In reference to Chapter 94 reporting, a second letter dated September 30th was received from
40 the DEP regarding the annual report for the Lochwood Chase STP. DEP comments are
41 focused on plant and flow measurements. A response was submitted to the DEP on October
42 26th, 2009. The DEP is requiring additional metering in all sanitary sewage collection
43 systems. The recommendation is to identify location in the township-wide collection system
44 that can be cost effectively metered in order to comply.

45
46 Evan added that billing is to resume and continued services will proceed with no differences.
47 The scope of work will remain the same. The estimated fee is \$99,700. Jack noted that he
48 would prefer for Mike and Joe to be present and if possible would like to wait until the

1 December MA meeting to approve. Rick noted that in order for Evan to continue, a decision
2 should be made now.

3
4 Jack made a motion to authorize our engineer to continue to provide his services to use until
5 such time to formalize this. Dana seconded the motion. No further discussion or public
6 comment was heard. The motion passed unanimously.

7
8 **7. APPROVAL OF INVOICES**

9
10 A. Pennoni – Inv. #422065, 10/30/09 - \$1,384.00.
11 Jack moved to approve payment to Pennoni in the amount of \$1,384.00 for RSCTP
12 expansion project. Dana seconded the motion. No further discussion or public
13 comment was heard. The motion passed unanimously.

14 B. Pennoni – Inv. #422064, 10/30/09 - \$303.75.
15 Dana moved to approve payment to Pennoni in the amount of \$303.75 for RSCTP
16 expansion project. Jack seconded the motion. No further discussion or public
17 comment was heard. The motion passed unanimously.

18 C. Pennoni – Inv. #422063, 10/30/09 - \$1,860.00.
19 Dana moved to approve payment to Pennoni in the amount of \$1,860.00 for RSCTP
20 expansion project. Jack seconded the motion. No further discussion or public
21 comment was heard. The motion passed unanimously.

22 D. Pennoni – Inv. #422062, 10/30/09 - \$956.50.
23 Dana moved to approve payment to Pennoni in the amount of \$956.50 for the RSCTP
24 expansion project. Jack seconded the motion No further discussion or public
25 comment was heard. The motion passed unanimously.

26 E. Pennoni – Inv. #422061, 10/30/09 - \$767.75
27 Dana moved to approve payment to Pennoni in the amount of \$767.75 for the RSCTP
28 expansion project. Jack seconded the motion No further discussion or public
29 comment was heard. The motion passed unanimously.

30 F. Gawthrop Greenwood, PC – 9/30/09 - \$643.02.
31 Dana moved to approve payment to Gawthrop Greenwood in the amount of \$643.02
32 for General Authority Services. Jack seconded the motion No further discussion or
33 public comment was heard. The motion passed unanimously.

34
35 **8. LIAISON REPORTS**

36 Meghann Hedgecock, PC –reported that Clearview re-opened a conditional use/residential
37 variance.

38
39 **9. FINANCIAL REPORT**

40 Rick reviewed the financial report briefly in Mike’s absence.

41
42 **10. SEWER REPORTS**

43 Routine maintenance continues. See reports for further information.

44
45 **11. PUBLIC COMMENT – none**

46
47 **12. ADJOURNMENT**

1 Jack moved that the meeting adjourn. Dana seconded the motion. No further discussion or
2 public comment was made. The motion carried unanimously. The meeting adjourned at
3 8:42 PM.
4

5
6
7

Respectfully submitted by: _____
Linda Jones, Recording Secretary



MEMORANDUM

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

FROM: Evan R. Andrews, P.E.
Authority Engineer

DATE: December 8, 2009

SUBJECT: Engineer's Report

RCSTP Upgrade and Expansion

- Construction phase services continue including: progress meetings with the Contractors and Township every other Thursday; observation services continue including coordination and communication with Brickhouse and the Township; receipt, review, and return of Contractor submittals; negotiation, review, and approval of Payment Requests.
- Current Project Schedule anticipates substantial completion in June 2010.

I/I Metering Project

- Metering at the intersection of Saratoga Drive and Paoli Pike and Tallmadge Drive and Paoli Pike has been recommended. The sewers upstream of these two locations run parallel to Ridley Creek. The goal of this metering is to locate the part(s) of the collection system upstream that might be the source of continuous flow observed at the Chester Road meter.
- It was also recommended that the location of the Towne Drive meter to the Ridley Creek Interceptor be relocated immediately upstream of the 8-inch sewer from Achom Drive. This location will be a substitute for the 2009 Paoli Pike East metering since the 8-inch diameter Paoli Pike East line does not appear to have any significant I/I problems.

RCSTP System Hydraulic Characterization

- Ridley Creek hydraulic model was completed and submitted to the DEP on November 16, 2009, ahead of the CO&A due date of December 1, 2009 per the CO&A.
- The model was run for four different flow scenarios: (1) Current Dry Weather; (2) Current Wet Weather; (3) Future Dry Weather; and (4) Future Wet Weather. "Future" was defined as including: completion of the RCSTP upgrade and expansion; the planned elimination of the LCSTP; Diversion of the Hershey Mill, Reserve and Marydell Pump Stations; and the West Goshen Diversion.
- The model indicates that all sewers within the RCSTP service area have adequate capacity to convey current and future dry and wet weather flows, even in the highly conservative scenario in which all peak wet weather flows at the various 2008 metering locations occur at exactly the same time.

- It is acknowledged that the Ridley Creek Interceptor has experienced SSOs upstream of the RCSTP. This is believed to be caused by peak wet weather flows exceeding the capacity of the existing influent pump station when the equalization tank is full and recycling flow back to the pump station. The new pump station will have a capacity three times that of the existing pump station which is expected to eliminate these SSOs.

Ridley Creek Consent Order

- Flow meters to be set by the Township at the locations noted above under "I/I Metering Project".
- The next deadline is the Semi-Annual Report due March 31, 2010.

Chapter 94 Reporting

- DEP is requiring additional metering in all sanitary sewage collection systems including East Goshen. Our recommendation is to identify locations in the township-wide collection system that can be cost-effectively metered in order to comply with the requirements of Chapter 94 and propose such locations to DEP with the Annual Report due March 31, 2010.
- Chapter 94 also requires that all STPs receiving 100,000 gpd or more have influent meters by January 1, 2010. A meter is included in the RCSTP upgrade and expansion but will likely not be on-line by this date. It will therefore be necessary to place a temporary meter at the RCSTP until the permanent meter is operational, possibly in March.

West Goshen Diversion Project

- A memo summarizing the identification and evaluation of diversion locations from the Chester Creek collection system to the Ridley Creek collection system has been prepared. The conclusion is that a "slip-stream" diversion is the most cost-effective alternative.
- The Township Manager has advised West Goshen of the planning effort to divert approximately 300,000 gpd from their Chester Creek STP as well as the Hershey Mill, Reserve and Marydell pump station diversions. A response has not been received.

LCSTP and Pump Station Diversion Planning

- DEP is requiring a "Plot Plan" to be included in the final submittal of the Act 537 Plan Update Revision. Our original proposal excluded surveying with the understanding that existing mapping would be adequate for the PADEP's needs. We have been informed that the existing mapping is not acceptable.
- We have contacted DEP and confirmed that the additional surveying is eligible for Grant Funding upon DEP receipt and approval of an amended Task Activity Report (TAR) including the survey effort. An amended TAR will therefore be prepared and submitted to DEP.
- Upon authorization of the surveying effort by the Authority, the survey can be completed in approximately 2 to 3 weeks. The revised planning documents would then be ready for review/approval of West Goshen and the Township through resolutions of adoption in January.



INVOICE
Philadelphia, PA
215-222-3000 Fax: 215-222-3588

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 # : 424688
Invoice Date : 11/24/2009
Project : EGMA0703
Project Name : LCSTP Decommissioning Planning

For Services Rendered through: 11/15/2009

Prepare responses to DEP including Plot Plan requirements. Survey of connection between the Lochwood Chase sewer and the sewer on Tanglewood Drive is required by DEP.

Phase : 02 -- Act 537 Plan Update
Total Phase : 02 -- Act 537 Plan Update

Labor : 511.50
Expense : 0.00
Phase Total : 511.50

Amount Due This Invoice

511.50

Fee : 23,700.00
Prior Billings : 18,425.75
Current Billings : 511.50
Total Billings : 18,937.25

Phase : 02 -- Act 537 Plan Update

Labor Class	Hours/Units	Rate	Amount
Authority Engineer	2.00	105.00	210.00
Graduate Engineer	4.50	67.00	301.50
Labor Total:	6.50		511.50

Total Phase : 02 -- Act 537 Plan Update

Labor : 511.50
Expense : 0.00

Total Project : EGMA0703 -- LCSTP Decommissioning Planning

Labor : 511.50
Expense : 0.00

OIC
RS
12/9

East Goshen Municipal Authority
 EGMA0703 Invoice Summary
 Invoice Date 11-24-2009

Project: LCSTP Decommissioning Planning
 Pennoni Job No.: EGMA0703
 Invoice No: 424688
 Invoice Period: 10/19/2009 to 11/15/2009
 Initial Authorization: \$ 23,700.00 Date: 5/14/2007
 Changes: \$ - Date:
 Contract Amount: \$ 23,700.00
 Previously Invoiced: \$ 18,425.75
 Current Invoice: \$ 511.50
 Invoiced to Date (\$): \$ 18,937.25
 Invoiced to Date (%): 80%
 Remaining Budget (\$): \$ 4,762.75
 Remaining Budget (%): 20%

Budget by Phase:		01	02
Phase No.		DEP	Act 537 Plan
Phase Name:		Coordination	Update
Phase Budget:	\$	3,700.00	\$ 20,000.00
Previously Invoiced:	\$	2,583.75	\$ 15,842.00
Current Invoice:	\$	-	\$ 511.50
Invoiced to Date (\$):	\$	2,583.75	\$ 16,353.50
Invoiced to Date (%):		70%	82%
Remaining Budget (\$):	\$	1,116.25	\$ 3,646.50
Remaining Budget (%):		30%	18%

Comments: Prepare responses to DEP including Plot Plan requirements.
 Survey of connection between the Lochwood Chase sewer
 and the sewer on Tanglewood Drive is required by DEP.



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

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

Invoice #: 424689
 Invoice Date: 11/24/2009
 Project: EGMA0704
 Project Name: Pump Station Special Study

For Services Rendered through: 11/15/2009

Prepare responses to DEP including Plot Plan requirements. Per DEP; survey of connection between the Hershey Mill force main and the Cornwallis Drive sewer; and between the Reserve Pump Station across private property and Forest Lane to the sewer at Ridley Creek; is required.

Phase : 01 -- Planning Study
 Total Phase : 01 -- Planning Study

Labor : 662.25
 Expense : 0.00
 Phase Total : 662.25

Amount Due This Invoice

662.25

Fee : 14,000.00
 Prior Billings : 10,498.75
 Current Billings : 662.25
 Total Billings : 11,161.00

Phase : 01 -- Planning Study

Labor Class	Hours/Units	Rate	Amount
Authority Engineer	2.00	105.00	210.00
Graduate Engineer	6.75	67.00	452.25
Labor Total:	8.75		662.25

Total Phase : 01 -- Planning Study

Labor : \$662.25
 Expense : \$0.00

Total Project : EGMA0704 -- Pump Station Special Study

Labor : \$662.25
 Expense : \$0.00

OK
 12/5
 12/9

East Goshen Municipal Authority
 EGMA0704 Invoice Summary
 Invoice Date 11-24-2009

Project: Hershey Mill and Reserve Pump Station Diversion
 Special Planning Study
Pennoni Job No.: EGMA0704
Invoice No.: 424689
Invoice Period: 10/19/2009 to 11/15/2009
Initial Authorization: \$ 14,000.00 **Date:** 7/9/2007
Changes: \$ - **Date:**
Contract Amount: \$ 14,000.00
Previously Invoiced: \$ 10,498.75
Current Invoice: \$ 662.25
Invoiced to Date (\$): \$ 11,161.00
Invoiced to Date (%): 80%
Remaining Budget (\$): \$ 2,839.00
Remaining Budget (%): 20%

Budget by Phase:		01	02
Phase No.		Act 537 Special Study	Meetings Allowance
Phase Name:			
Phase Budget:	\$	12,500.00	\$ 1,500.00
Previously Invoiced:	\$	10,498.75	\$ -
Current Invoice:	\$	662.25	\$ -
Invoiced to Date (\$):	\$	11,161.00	\$ -
Invoiced to Date (%):		89%	0%
Remaining Budget (\$):	\$	1,339.00	\$ 1,500.00
Remaining Budget (%):		11%	100%

Comments: Prepare responses to DEP including Plot Plan requirements. Per DEP; survey of connection between the Hershey Mill force main and the Cornwallis Drive sewer; and between the Reserve Pump Station across private property and Forest Lane to the sewer at Ridley Creek; is required.



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 Philadelphia, PA 19182-7328

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

Invoice #: 424694
 Invoice Date: 11/24/2009
 Project: EGMA0903
 Project Name: RCSTP Sewer Modeling

For Services Rendered through: 11/15/2009

Development of hydraulic model, dry and wet-weather analysis, future flow analysis, and report writing. Report was reviewed by the Township and subsequently submitted to DEP ahead of the CO&A compliance date. Remaining effort associated with preparation of next semi-annual report in March 2010.

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

Labor : 11,265.00
 Expense : 0.00
 Phase Total : 11,265.00

Amount Due This Invoice

11,265.00

Fee : 28,300.00
 Prior Billings : 14,070.00
 Current Billings : 11,265.00
 Total Billings : 25,335.00

Phase : **** -- Professional Services

Labor Class	Hours/Units	Rate	Amount
Authority Engineer	10.50	105.00	1,102.50
Senior Engineer	1.75	97.00	169.75
Project Engineer	46.50	90.00	4,185.00
Associate Engineer	60.25	77.00	4,639.25
Engineering Technician I	20.50	57.00	1,168.50
Labor Total:	139.50		11,265.00

Total Phase : **** -- Professional Services

Labor : \$11,265.00
 Expense : \$0.00

Total Project : EGMA0903 -- RCSTP Sewer Modeling

Labor : \$11,265.00
 Expense : \$0.00

O/C
 PS
 12/9

East Goshen Municipal Authority
 EGMA0903 Invoice Summary
 Invoice Date 11-24-2009

Project: RCSTP Sewer Modeling
 Pennoni Job No.: EGMA 0903
 Invoice No: 424694
 Invoice Period: 10/19/2009 to 11/15/2009
 Initial Authorization: \$ 28,300.00 Date: 9/17/2009
 Changes: \$ -
 Contract Amount: \$ 28,300.00
 Previously Invoiced: \$ 14,070.00
 Current Invoice: \$ 11,265.00
 Invoiced to Date (\$): \$ 25,335.00
 Invoiced to Date (%): 90%
 Remaining Budget (\$): \$ 2,965.00
 Remaining Budget (%): 10%

Budget by Phase:

Phase No.		RCSTP Sewer
Phase Name:		Modeling
Phase Budget:	\$	28,300.00
Previously Invoiced:	\$	14,070.00
Current Invoice:	\$	11,265.00
Invoiced to Date (\$):	\$	25,335.00
Invoiced to Date (%):		90%
Remaining Budget (\$):	\$	2,965.00
Remaining Budget (%):		10%

Comments: Development of hydraulic model, dry and wet-weather analysis, future flow analysis, and report writing. Report was reviewed by the Township and subsequently submitted to DEP ahead of the CO&A compliance date. Remaining effort is associated with preparation of the next semi-annual report in March 2010.

COPY



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
10/31/2009
Client No: 6604-01M
Statement No. 74708

General Authority Services

Fees

		Hours	
10/12/2009	RFA		
	Review packet for Authority meeting of 10/12/09; attend regular meeting of Municipal Authority.	2.50	
	For Current Services Rendered	2.50	475.00

		Recapitulation		Total
<u>Timekeeper</u>		<u>Hours</u>	<u>Hourly Rate</u>	
Robert F. Adams		2.50	\$190.00	\$475.00

Previous Balance	\$643.02
Total Current Charges	475.00
Balance Due	<u>\$1,118.02</u>

ok RS
11-10-09

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
Attorneys at Law

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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
11/30/2009
Client No: 6604-01M
Statement No. 75677

General Authority Services

Fees

		Hours	
11/16/2009	RFA		
	Review message from Evan Andrews regarding consent order and agreement with DEP; review system hydraulic characterization report regarding RCSTP.	0.70	
11/17/2009	RFA		
	Review letter from Evan Andrews regarding DEP.	0.30	
	For Current Services Rendered	1.00	190.00

Recapitulation

<u>Timekeeper</u>		<u>Hours</u>	<u>Hourly Rate</u>	<u>Total</u>
Robert F. Adams		1.00	\$190.00	\$190.00
	Previous Balance			\$1,118.02
	Total Current Charges			190.00
11/13/2009	Cost Expense Payment			-54.02
11/13/2009	Fee Payment			-589.00
	Total Payments			-643.02
	Balance Due			<u>\$665.00</u>

ok
RS
12/9

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.

**2009
EAST GOSHEN MUNICIPAL AUTHORITY GOALS
DECEMBER REPORT**

ON-GOING

1. Submit an article for each newsletter.
 - a. Need by 2/11/08 Mike **Completed**
 - b. Need by 5/13/09 Fran **Completed**
 - c. Need by 8/12/09 Joe **Not Completed**
 - d. Need by 11/9/08 Dana **Completed**
2. Attend West Goshen Meetings quarterly – more often if needed.
 - a. 1st Quarter (3/4/09) Mike **Completed**
 - b. 2nd Quarter (6/30/09) Jack **Completed**
 - c. 3rd Quarter (9/2/09) Dana **Completed**
 - d. 4th Quarter (12/2/09) Fran
3. Respond to capacity requests in 45 days or less.
 - a. **Angelini, 957 Cornwallis Drive 1 EDU - 14 days**
4. Implement I& I Plan – **Currently on Schedule**
5. Conduct an annual facilities tour in June. **Put on hold until after construction is complete**

RIDLEY CREEK PROJECT

Monitor Construction – Excavation and steel complete for SBR slab. SBR panels are currently being poured by Dutchland. Slab poured, commenced excavation for lift station. Lift station installed, Valve Vault installed. SBR panels installed. Poles moved, SBR tank almost completed. Project Manager on board on 4/28. Screen Building under construction. Repairs being done on SBR Walls. Treatment Building under construction. SBR Wall Tank testing in progress. SBR and screen installed. **Roof in place, floor poured and wall erected in SBR Treatment Building. SBR equipment installed. Screen Building under roof. Motor control center installed.**

ACT 537 PLANNING

1. Obtain Act 537 Plan approval for the Lockwood STP Abandonment Project – Board of Supervisors scheduled to adopt resolution on 2/17. BoS approved resolution on 3/3/09. Submitted to DEP on 3/5/09. Received 3/26/09 comment letter. **Need to provide survey plans for DEP.**
2. Obtain Act 537 Plan approval for the Greenhill PS Redirection and the Reserve PS Abandonment Project Board of Supervisors scheduled to adopt resolution on 2/17. BoS approved resolution on 3/3/09. Submitted to DEP on 3/5/09. Received 3/27/09 comment letter. **Need to provide survey plans for DEP. Letter outlining project sent to West Goshen Township.**
3. Obtain Act 537 Plan approval for the Marydell PS Abandonment project. Met with DEP to review project on 2/5. Submitted Task Activity Report to DEP on 2/9/09. Task Activity report approved by DEP on 2/27/09. **Need to provide survey plans for DEP. Letter outlining project sent to West Goshen Township.**

2002

4. Obtain Act 537 Plan approval for the Reservoir Road PS Diversion Project. Submitted 2007 Sewer Study to DEP on 2/9/09. Received 3/3/09 comment letter from DEP. **Letter outlining project sent to West Goshen Township.**

FUNDING

Apply for funding for above projects once Act 537 approval has been obtained. Started preparation of a PA H2O grant for RCSTP. Applied for H2O Grant on 2/11/09. **Awarded a grant for \$464,195 on 7/14/09.. Submitted executed grant agreement on 11/10/09.**



PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

December 1, 2009

EGMA0809

Rick Smith, Township Manager
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Re: Marydell Pump Station Diversion Project Planning
Amendment for Surveying Services

Dear Mr. Smith:

As we have discussed, the PADEP is requiring a "Plot Plan" to be included in the final submittal of the Act 537 Plan Update Revision for both the Lochwood Chase and Pump Station Diversion planning efforts. It is therefore our expectation that the same will be required of the Marydell Pump Station Diversion. Our original proposal excluded surveying with the understanding that existing mapping would be adequate for the PADEP's needs. We have been informed that the existing mapping is not acceptable.

The "Plot Plan" for PADEP must include the following items:

- Existing and proposed buildings. All buildings on the tract and adjacent lots along the proposed route of the sewer (including properties across streets) must be plotted.
- Lot lines of individual lots and size of lots adjacent to the proposed route of the sewer.
- Remainder of tract. Any property that is not included in the plan but is under the same ownership and is adjacent to the proposed route of the sewer must be plotted.
- The point of connection to the existing collection system.
- Existing utilities.
- Existing and proposed rights-of-way.
- Existing buildings, streets, roads, access roads, highways, etc.
- Open space areas.
- Wetland areas and flood plain (to be taken from existing mapping).

The plot plans that are prepared will be reused for the design of the diversion and therefore will serve a "dual purpose". Note also that the surveying is an eligible cost under the PADEP program that provides grants up to 50% of the cost of the Update Revision upon review and acceptance of the completed Update Revision by PADEP.

202

EGMA0809
Rick Smith

December 1, 2009

Page 2

Marydell Pump Station Diversion Surveying

The proposed route of the Marydell Diversion, a gravity sewer, begins at the pump station and runs east under Boot Road parallel to Paoli Pike to the intersection with Tallmadge Drive. The route will then pass under Paoli Pike to the Township sewer on the north side of the intersection. The proposed route is approximately 1,600 ft long.

The survey will include the collection of plan and topographic information for a width of approximately 75 ft wide along the proposed route; locating utilities identified by the PA One-Call System; locating the connection points; plotting the affected and adjacent properties using deed information; and descriptions of the proposed rights of way.

The survey effort will start immediately upon the Authority's authorization and is expected to take approximately two to three weeks to complete (conditions permitting).

Our estimated fee for the surveying, to be billed on a time and material basis, is \$6,500.00. The work will be done on an hourly basis at the rates established in our Engineering Services Agreement.

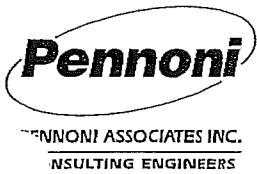
Should you have any questions or need additional information, please do not hesitate to call.

Very truly yours,

PENNONI ASSOCIATES INC.



Evan R. Andrews, P.E.
Authority Engineer



12. NEW BUSINESS
b.
2 pages

December 1, 2009

EGMA0703

Rick Smith, Township Manager
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Re: Lochwood Chase Sewage Treatment Plant (LCSTP) Planning
Amendment for Surveying Services

Dear Mr. Smith:

As we have discussed, the PADEP is requiring a "Plot Plan" to be included in the final submittal of the Act 537 Plan Update Revision. Our original proposal excluded surveying with the understanding that existing mapping would be adequate for the PADEP's needs. We have been informed that the existing mapping is not acceptable.

The "Plot Plan" for PADEP must include the following items:

- Existing and proposed buildings. All buildings on the tract and adjacent lots along the proposed route of the sewer (including properties across streets) must be plotted.
- Lot lines of individual lots and size of lots adjacent to the proposed route of the sewer.
- Remainder of tract. Any property that is not included in the plan but is under the same ownership and is adjacent to the proposed route of the sewer must be plotted.
- The point of connection to the existing collection system.
- Existing utilities.
- Existing and proposed rights-of-way.
- Existing buildings, streets, roads, access roads, highways, etc.
- Open space areas.
- Wetland areas and flood plain (to be taken from existing mapping).

The plot plans that are prepared will be reused for the design and construction of the diversion and therefore will serve a "dual purpose". Note also that the surveying is an eligible cost under the PADEP program that provides grants up to 50% of the cost of the Plan Update upon review and acceptance of the completed Plan Update by PADEP.

The proposed route of the Lochwood Chase Diversion, a gravity sewer, begins at 920/922 Dolphin Drive and heads south between the properties to Township Open Space. From there the route runs between 1547 and 1549 Tanglewood Drive to the Township sewer in the street. The proposed route is approximately 600 ft long. The survey will also include the existing sewer

202

EGMA0703
Rick Smith

December 1, 2009

Page 2
LCSTP Surveying

from 923/926 Dolphin drive to the diversion point (approximately 350 ft) since this sewer will need to be replaced so it drains to the diversion rather than the LCSTP.

The survey will include the collection of plan and topographic information for a width of approximately 75 ft wide along the proposed route; locating utilities identified by the PA One-Call System; locating the connection points; plotting the affected and adjacent properties using deed information; and descriptions of the proposed rights of way.

The survey effort will start immediately upon the Authority's authorization and is expected to take approximately two to three weeks to complete (conditions permitting).

Our estimated fee for the surveying, to be billed on a time and material basis, is \$6,000.00. The work will be done on an hourly basis at the rates established in our Engineering Services Agreement.

Should you have any questions or need additional information, please do not hesitate to call.

Very truly yours,

PENNONI ASSOCIATES INC.



Evan R. Andrews, P.E.
Authority Engineer



PENNONI ASSOCIATES INC.
CONSULTING ENGINEERS

December 1, 2009

EGMA0704

Rick Smith, Township Manager
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Re: Hershey Mill and Reserve Pump Station Diversion
Amendment for Surveying Services

Dear Mr. Smith:

As we have discussed, the PADEP is requiring a "Plot Plan" to be included in the final submittal of the Act 537 Plan Special Planning Study. Our original proposal excluded surveying with the understanding that existing mapping would be adequate for the PADEP's needs. We have been informed that the existing mapping is not acceptable.

The "Plot Plan" for PADEP must include the following items:

- Existing and proposed buildings. All buildings on the tract and adjacent lots along the proposed route of the diversion (including properties across streets) must be plotted.
- Lot lines of individual lots and size of lots adjacent to the proposed route of the diversion.
- Remainder of tract. Any property that is not included in the plan but is under the same ownership and is adjacent to the proposed route of the diversion must be plotted.
- The point of connection to the existing collection system.
- Existing utilities.
- Existing and proposed rights-of-way.
- Existing buildings, streets, roads, access roads, highways, etc.
- Open space areas.
- Wetland areas and flood plain (to be taken from existing mapping).

The plot plans that are prepared will be reused for the design and construction of the diversion and therefore will serve a "dual purpose". Note also that the surveying is an eligible cost under the PADEP program that provides grants up to 50% of the cost of the Special Planning Study upon review and acceptance of the completed Special Planning Study by PADEP.

The proposed route for the Hersheys Mill Diversion, a force main, begins at the Township force main approximately 5,600 ft downstream from the pump station and heads east under a gas pipeline and Ridley Creek to a point of connection to the existing Township sewer behind 960 Cornwallis Drive. The proposed route is approximately 600 ft long.

2582

The proposed route of the Reserve Diversion, a gravity sewer, begins at the pump station and runs south through private property on Forest Lane, under Forest Lane and through Township open space along Ridley Creek to an existing Township sewer behind 107/109 Rossmore Drive. The proposed route is approximately 1,070 ft long.

The survey will include the collection of plan and topographic information for a width of approximately 75 ft wide along the proposed route; locating utilities identified by the PA One-Call System; locating the connection points; plotting the affected and adjacent properties using deed information; and descriptions of the proposed rights of way.

The survey effort will start immediately upon the Authority's authorization and is expected to take approximately two to three weeks to complete (conditions permitting).

Our estimated fee for the surveying, to be billed on a time and material basis, is \$14,500.00. The work will be done on an hourly basis at the rates established in our Engineering Services Agreement.

Very truly yours,

PENNONI ASSOCIATES INC.



Evan R. Andrews, P.E.
Authority Engineer

12. NEW BUSINESS

17 East Gay Street, Suite 100, P.O. Box 562 p. 610.696.8225
West Chester, PA 19381-0562 www.gawthrop.com



Gawthrop Greenwood, PC
Attorneys at Law

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

November 5, 2009

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

11/7 - 6/11/09

Re: **2010 Fees For Legal Services**

Dear Rick:

Please be advised that Gawthrop Greenwood has no plans to change the rates or the terms of engagement upon which we currently service East Goshen Municipal Authority. Our rates were last adjusted in January of 2009 and we are pleased to have the continuing opportunity to provide legal services to the Municipal Authority in 2010 at our current rates and very much value our long-standing relationship with East Goshen Township and its officials and staff. I would expect that for purposes of budgeting you would be safe in assuming that our experience in 2010 will be similar to the amount of work we did in 2009.

Very truly yours,

Robert F. Adams

RFA/cb

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

13. SEWER REPORT
2.
8 pgs

December 7, 2009

To: Municipal Authority
From: Mark Miller
Re: November 2009 Monthly Report

Meter: Meters were recently calibrated. We have installed the portable meters at the locations the Evan requested.

C.C. Collection: The pump stations were visited on a daily basis and the collection baskets were cleaned. We recently cleaned the wet wells, this entailed scraping and pressure washing the walls and vacuuming the grease debris.

We had a couple of problems with electronics at the Hershey Mill Pump Station. I contacted M&S Services and found that the control board was failing and replaced it with one that we had in stock. We televised and cleaned over 6000 feet of pipe. While televising we inspected each lateral, we found 17 laterals that needed some type of repair.

R.C. Collection: The Hunt Country Pumping Station was visited on a daily basis. The wet well was pressure washed and cleaned. No problems to report.

Lochwood Plant: The aerators were brought to the landside and greased. The bar screen was pulled and washed down.

Ridley Creek Plant: The sewer cleaner was utilized to assist the plant operator with cleaning of the weirs. As you know we have hired Frank Walker to process Sludge. We have also addressed Artesian's safety issues as it pertained to eye wash stations and a portable shower. In order to keep the job site clean we put down road milling on the driveway.

PA One Calls: 103 PA One Call's for the month of November.

2008 FLOWMETERS

2009 NOVEMBER 4TH QUARTER

Precip Inches	WESTTOWN WAY		ELLIS LANE		PAOLI PIKE		WILSON DRIVE		SUMMIT		NET FLOWS
	DATE	READING	GPD	READING	GPD	READING	GPD	READING	GPD	GPD	
0.00	11/01/09										
0.00	11/02/09	1,368,520	1,344,000	11,051,932	12444.33	6,152,242	69,623	7,631,277	74,177	20,400	1,075,757
0.00	11/03/09	1,369,839	1,319,000	11,062,738	108060.00	6,159,798	75,560	7,639,992	87,150	20,400	1,048,230
0.00	11/04/09	1,371,104	1,265,000	11,073,763	110250.00	6,167,133	73,350	7,648,921	89,290	20,400	992,110
0.03	11/05/09	1,372,381	1,277,000	11,084,382	106190.00	6,175,018	78,850	7,658,102	91,810	20,400	1,000,150
0.00	11/06/09	1,373,622	1,241,000	11,094,699	103170.00	6,182,718	77,000	7,666,443	83,410	20,400	977,420
0.00	11/07/09									20,400	0
0.00	11/08/09									20,400	0
0.00	11/09/09									20,400	0
0.03	11/10/09	1,378,438	1,204,000	11,134,258	98897.50	6,212,143	73,563	7,693,052	66,523	20,400	965,018
0.25	11/11/09	1,378,720	1,282,000	11,144,426	101680.00	6,220,531	83,880	7,702,423	93,710	20,400	1,002,730
0.08	11/12/09	1,380,963	1,243,000	11,154,573	101470.00	6,228,866	83,270	7,711,831	94,080	20,400	964,180
0.10	11/13/09									20,400	0
0.05	11/14/09									20,400	0
0.00	11/15/09									20,400	0
0.00	11/16/09	1,385,909	1,236,500	11,197,526	107382.50	6,260,406	78,870	7,740,592	71,903	20,400	978,345
0.00	11/17/09	1,387,079	1,170,000	11,207,842	101160.00	6,268,814	84,080	7,749,419	88,270	20,400	896,490
0.00	11/18/09	1,388,314	1,235,000	11,217,915	102730.00	6,276,865	80,510	7,758,398	89,790	20,400	961,970
0.55	11/19/09	1,389,485	1,171,000	11,227,809	98940.00	6,284,374	75,090	7,766,998	86,000	20,400	910,970
0.00	11/20/09	1,390,771	1,286,000	11,239,400	115910.00	6,292,713	83,390	7,776,239	92,410	20,400	994,290
0.00	11/21/09									20,400	0
0.00	11/22/09									20,400	0
0.25	11/23/09	1,394,466	1,231,667	11,271,342	106473.33	6,316,426	79,043	7,793,922	58,943	20,400	987,207
0.00	11/24/09	1,395,716	1,250,000	11,281,260	99180.00	6,325,027	86,010	7,802,730	88,080	20,400	976,730
0.08	11/25/09	1,396,922	1,206,000	11,291,469	102090.00	6,332,897	78,700	7,811,311	85,810	20,400	939,400
0.00	11/26/09									20,400	0
0.00	11/27/09									20,400	0
0.00	11/28/09									20,400	0
0.00	11/29/09									20,400	0
0.28	11/30/09	1,403,019	1,219,400	11,340,896	98854.00	6,369,237	72,680	7,840,034	57,446	20,400	1,089,274
1.70			1,323,785		111,680		83,342		87,425	20,400	1,047,517
					DAILY LOC	INQUIRER	EG TWP				
					MONTH TO DATE						
					NORMAL MONTH TO DATE		1.70				
					YEAR TO DATE						
					NORMAL YEAR TO DATE		60				

2009 NOVEMBER 4TH QUARTER

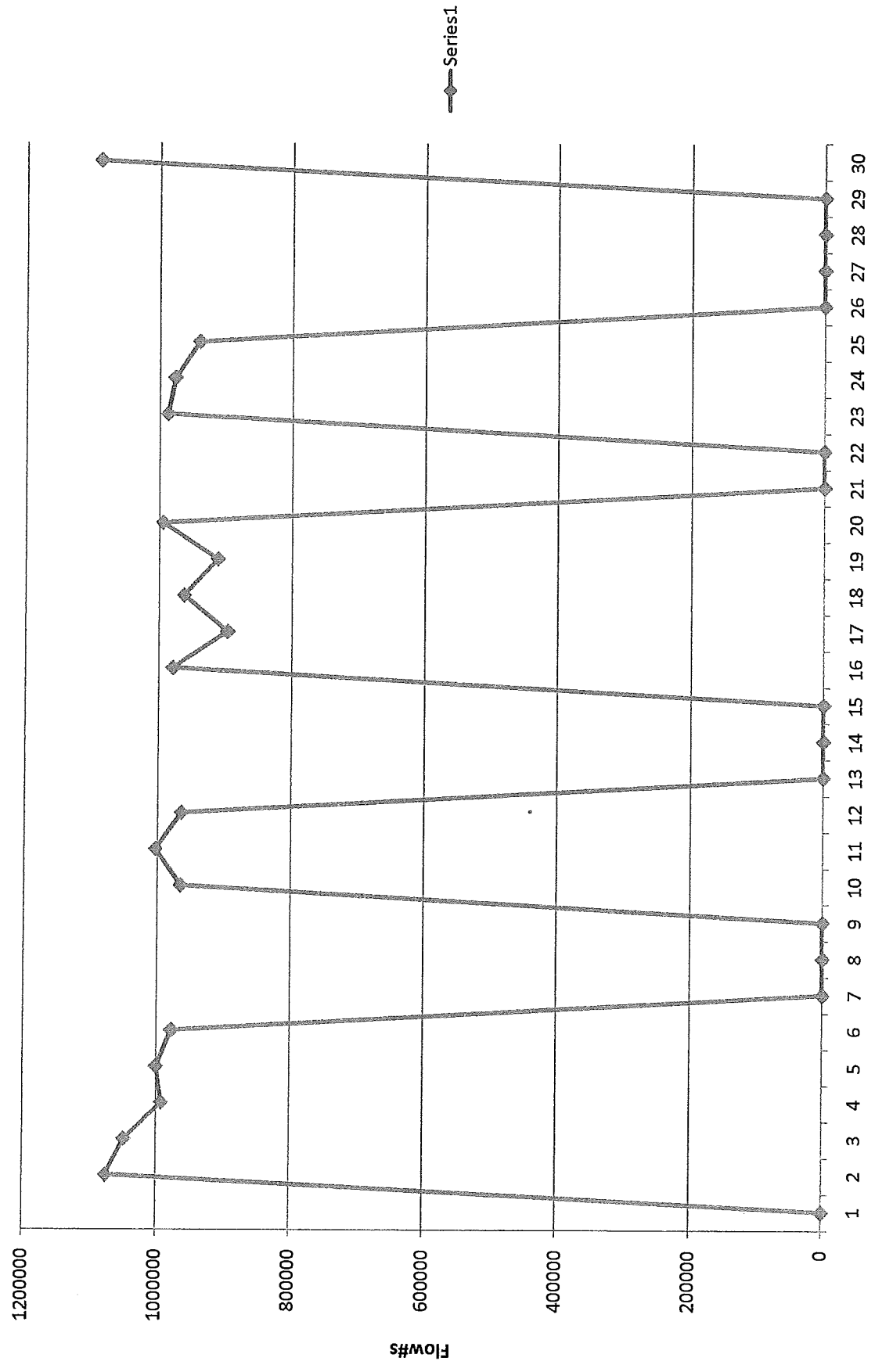
DATE	HERSHEY'S MILL		ASHBRIDGE		HICKS METER		RESERVOIR		SHERMAN		BARKWAY	
	READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD	READING	GPD
11/01/09												
11/02/09	17,259,396	76,703	615,891	102,800	2,088,822	398,873	77,938,873	810,477	243,321	5,707	1,248,835	13,437
11/03/09	17,266,348	69,520	616,799	90,800	2,123,558	347,360	78,019,288	804,150	243,880	5,590	1,249,826	9,910
11/04/09	17,273,336	69,880	617,651	85,200	2,158,828	352,700	78,100,108	808,200	244,595	7,150	1,250,969	11,430
11/05/09	17,280,072	67,360	618,466	81,500	2,194,438	356,100	78,180,743	806,350	245,147	5,520	1,252,095	11,260
11/06/09	17,286,751	66,790	619,282	81,600	2,228,864	344,260	78,258,565	778,220	245,644	4,970	1,253,170	10,750
11/07/09												
11/08/09												
11/09/09												
11/10/09	17,313,496	66,863	622,384	77,550	2,348,118	298,135	78,553,341	736,940	247,795	5,378	1,257,907	11,843
11/11/09	17,319,989	64,930	623,165	78,100	2,384,077	359,590	78,634,684	813,530	248,408	6,130	1,259,123	12,160
11/12/09	17,326,773	67,840	623,888	72,300	2,420,431	353,540	78,714,253	795,590	249,085	6,770	1,260,267	11,440
11/13/09												
11/14/09												
11/15/09												
11/16/09	17,353,162	65,973	626,991	77,575	2,542,742	305,778	79,016,571	755,795	251,473	5,970	1,265,530	13,158
11/17/09	17,359,193	60,310	627,714	72,300	2,575,922	331,800	79,092,902	763,310	251,971	4,980	1,266,570	10,400
11/18/09	17,365,298	61,050	628,419	70,500	2,607,681	317,590	79,168,046	751,440	252,484	5,130	1,267,689	11,190
11/19/09	17,371,034	57,360	629,097	67,800	2,639,461	317,800	79,241,480	734,340	253,035	5,510	1,268,670	9,810
11/20/09	17,377,068	60,340	629,884	78,700	2,672,909	334,480	79,321,666	801,860	253,499	4,640	1,269,851	11,810
11/21/09												
11/22/09												
11/23/09	17,396,180	63,707	632,244	78,667	2,752,276	264,557	79,539,160	724,980	255,140	5,470	1,273,539	12,293
11/24/09	17,402,261	60,810	632,982	73,800	2,786,217	339,410	79,616,918	777,580	255,710	5,700	1,274,747	12,080
11/25/09	17,408,716	64,550	633,689	70,700	2,820,187	339,700	79,693,847	769,290	256,490	7,800	1,275,983	12,360
11/26/09												
11/27/09												
11/28/09												
11/29/09												
11/30/09	17,444,391	71,350	637,390	123,367	2,955,864	271,354	80,065,519	743,344	261,210	9,440	1,282,848	22,863
		69,708		86,454		347,064		823,462		6,366		13,013

2009 SUMMARY OF METER READINGS

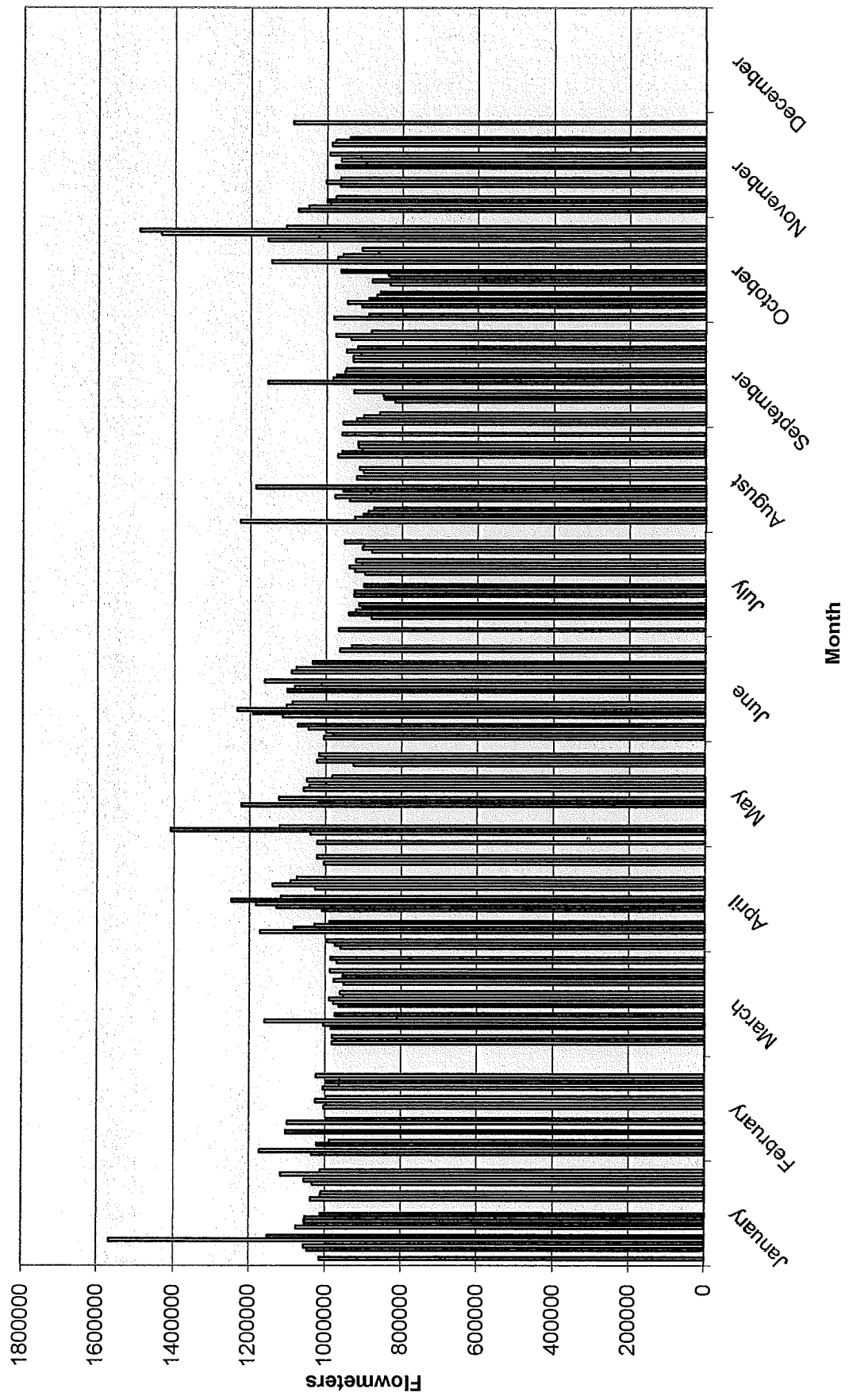
	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT	HERSHEY MILL	ASHBRIDGE	HICKS	RESERVOIR	SHERMAN	BARKWAY
JANUARY	1,277,483	95,426	42,394	63,547	20,400	65,016	67,836	307,570	763,687	6,386	12,279
FEBRUARY	1,211,464	87,515	41,270	60,703	20,400	63,382	62,862	292,756	721,327	5,850	11,963
MARCH	1,152,893	82,510	38,294	56,906	20,400	55,330	61,242	300,092	672,897	5,534	11,410
APRIL	1,273,653	106,236	39,685	58,079	20,400	59,615	77,712	314,679	744,604	6,096	11,541
MAY	1,304,080	106,881	64,480	65,970	20,400	65,744	83,088	343,439	792,633	5,869	11,521
JUNE	1,320,702	112,744	60,869	78,465	20,400	63,152	87,581	341,020	807,211	6,010	11,736
JULY	1,145,310	92,563	64,786	70,508	20,400	57,932	64,481	314,779	706,552	5,990	10,873
AUGUST	1,205,548	104,700	47,158	99,749	20,400	64,338	76,794	722,167	722,167	5,474	10,664
SEPTEMBER	1,145,397	97,724	37,981	79,651	20,400	58,006	72,494	315,816	717,067	5,708	11,321
OCTOBER	1,254,894	107,952	65,329	93,555	20,400	61,365	74,695	339,638	782,375	5,535	11,980
NOVEMBER	1,323,785	111,680	83,342	87,425	20,400	69,708	86,454	347,064	823,462	6,366	13,013
DECEMBER											
Total Flows											
Monthly Ave	1,237,746	100,539	53,235	74,051	20,400	62,144	74,113	358,093	750,362	5,893	11,664

To
West Goshen 1,009,921

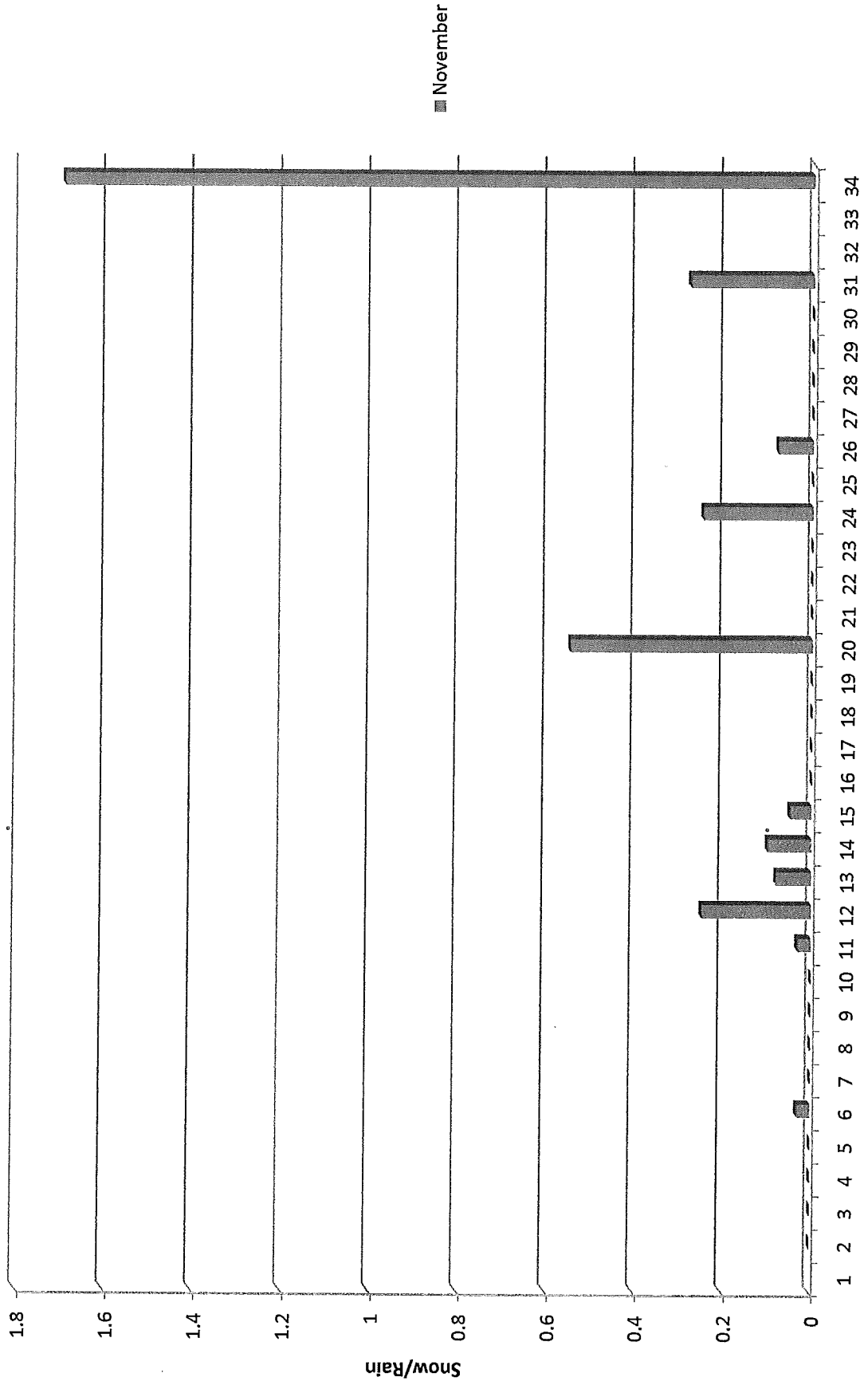
Flowmeters November 2009



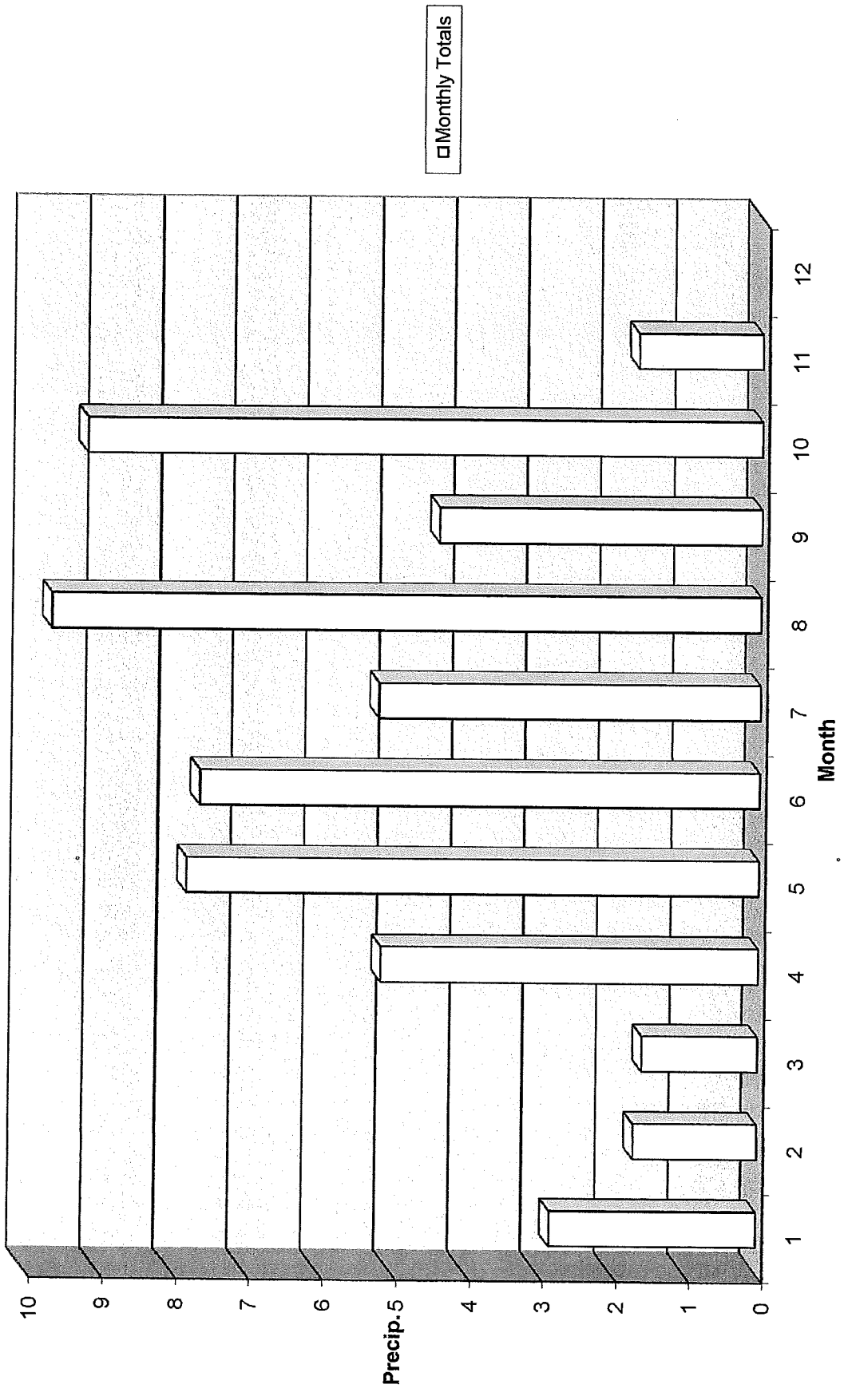
Monthly Totals 2009 Jan-Dec



November Precip. 1.7 - 2009



Monthly Totals 2009 (Jan-Dec)



East Goshen Township Flows
October
2009

NOV 18 2009

Date	West Goshen Plant Flow mgd	West. Way Pump Station mgd	Ellis Lane Meter Pit mgd	Paoli Pike Meter Pit mgd	Wilson Drive Meter Pit mgd	West. Way Meter Pit mgd	Total East Goshen Flow mgd
1	4.630	1.512	0.087	0.030	0.088	1.118	0.913
2	4.379	1.467	0.094	0.032	0.061	1.098	0.911
3	4.368	1.439	0.095	0.032	0.061	1.098	0.910
4	4.792	1.495	0.095	0.032	0.061	1.098	0.910
5	4.426	1.408	0.091	0.037	0.077	1.138	0.933
6	4.657	1.438	0.094	0.052	0.099	1.140	0.895
7	4.368	1.400	0.086	0.053	0.087	1.110	0.884
8	4.320	1.447	0.093	0.059	0.099	1.154	0.903
9	4.239	1.391	0.091	0.064	0.081	1.074	0.838
10	4.200	1.393	0.091	0.064	0.081	1.074	0.838
11	4.252	1.441	0.092	0.065	0.082	1.074	0.835
12	4.092	1.435	0.161	0.134	0.202	2.054	1.557
13	4.107	1.384	0.083	0.080	0.106	1.209	0.940
14	4.228	1.418	0.109	0.088	0.105	1.249	0.947
15	5.571	1.591	0.109	0.067	0.064	1.102	0.862
16	4.901	1.689	0.109	0.067	0.064	1.102	0.862
17	7.031	2.072	0.109	0.067	0.064	1.103	0.863
18	6.060	1.954	0.110	0.067	0.064	1.103	0.862
19	5.009	1.620	0.106	0.077	0.103	1.249	0.963
20	5.014	1.539	0.095	0.076	0.096	1.176	0.909
21	4.232	1.534	0.100	0.086	0.095	1.212	0.931
22	4.732	1.513	0.090	0.071	0.094	1.133	0.878
23	4.706	1.508	0.136	0.071	0.073	1.427	1.147
24	6.993	2.424	0.136	0.071	0.073	1.427	1.147
25	6.468	1.812	0.136	0.072	0.073	1.428	1.147
26	5.327	1.649	0.117	0.062	0.092	1.363	1.092
27	6.754	2.335	0.187	0.079	0.112	1.804	1.426
28	7.837	2.360	0.184	0.076	0.099	1.823	1.464
29	5.952	1.874	0.129	0.083	0.092	1.395	1.091
30	5.534	1.739	0.126	0.070	0.075	1.357	1.086
31	5.643	1.782	0.126	0.071	0.075	1.357	1.085
1							
Total	158.82	51.06	3.47	2.06	2.70	39.25	31.03
Avg.	5.123	1.647	0.112	0.066	0.087	1.266	1.001

NOTES:

13. SEWER REPORT
C.
2 PGS



100 YEARS OF SUPERIOR SERVICE

Artesian Water Company ▲ Artesian Wastewater Management ▲ Artesian Utility Development ▲ Artesian Water Maryland

December 8, 2009

Mr. Mark Miller, Director of Public Works
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

**RE: Lochwood Chase Wastewater Treatment Facility
October 2009 Operations Report**

Dear Mr. Miller:

The following is the October 2009 monthly operations report for East Goshen Township's Lochwood Chase Wastewater Treatment Facility.

Treatment plant operations were normal during the month of October 2009. Routine inspections and equipment preventative maintenance were completed as required. The total amount of wastewater treated and discharged during the month was 983,600 gallons, which represents an average daily flow of 31,729 gallons per day.

The influent area operated normally during the month. The comminutor unit was in service continuously and no problems were experienced with the unit's controls. The plant operator continued to remove rags and debris from the housing, clear the bypass bar screen and remove grit from the bottom of the vault on a regular basis. Debris and grit accumulations were disposed of via the trash can.

The aeration pond operated normally during the month. The pond's color was brownish with some light surface scum and duckweed buildup. Both floating aerators continued to be operated in the automatic mode with two (2) OFF cycles per day to minimize noise complaints and over-aeration.

The polishing pond operated normally as well. The pond's color remained greenish due to algae growth and there was a moderate amount of surface duckweed. The level continued to fluctuate with discharge spraying.

The chlorine contact tank and chlorine feed systems were operational throughout the month of October to meet disinfection requirements. Liquid chlorine continued to be added directly to the chlorine contact tank manually prior to each spray cycle to improve disinfection and minimize odor issues.

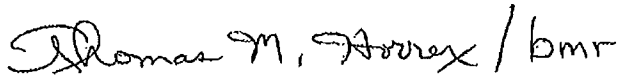
The discharge spray system operated properly during the month. The discharge pumps were cycled with each spray event and utilized in the Hand position with sprayfields No. 1 through No. 5 being opened manually to prevent backpressure on the pumps. The plant operator inspected the sprayfields in use to ensure the spray heads were in proper working order.

Results of influent and final effluent samples collected during the month indicate compliance with current permit limitations.

Should you have any questions, please do not hesitate to contact me.

Sincerely,

Artesian Utility Development, Inc.

Handwritten signature of Thomas M. Horrex, followed by the initials "/ bmr".

Thomas M. Horrex, L.O., S.E.O.
Pennsylvania Operations Supervisor

TMH/bmr

cc: Mr. Evan Andrews - Pennoni Associates
File



100 YEARS OF SUPERIOR SERVICE

Artesian Water Company ▲ Artesian Wastewater Management ▲ Artesian Utility Development ▲ Artesian Water Maryland
December 8, 2009

Mr. Mark Miller, Director of Public Works
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

**RE: Ridley Creek Wastewater Treatment Facility
October 2009 Operations Report**

Dear Mr. Miller:

The following is the October 2009 monthly operations report for East Goshen Township's Ridley Creek Wastewater Treatment Facility.

Treatment plant operations were normal during the month of October 2009. Routine inspections and equipment preventative maintenance were completed as required. The total amount of wastewater treated and discharged during the month was 8,408,000 gallons, which represents an average daily flow of 271,226 gallons per day.

The operations staff continued to visually inspect the manholes outside of the fence for signs of overflows. Investigation revealed that an overflow occurred as a result of infiltration/inflow from excessive rainfall on October 23, 2009. The Pennsylvania Department of Environmental Protection was immediately notified via telephone and via the Sanitary Sewer Overflow (SSO) reporting form by the licensed operator of the facility. Township personnel cleaned up the debris around the manhole and applied lime to help neutralize the area to correct the situation.

The influent area operated normally during the month except for high level conditions experienced during heavy rainfall events. The muffin monster, both raw lift pumps and associated controls experienced no operational problems.

The flow equalization system operated normally during the month. The Rotomat unit was in service continuously and debris generated by the unit was disposed of via the dumpster. The plant operator continued to remove sand and debris buildups from the bottom of the Rotomat box on a regular basis. The forward flow pumps and associated controls were in service continuously and Soda Ash continued to be added on a daily basis to help control pH values.

The package sewage treatment plant operated normally during the month of October. The aeration tanks were medium brown colored with a moderate amount of tan surface foam buildup. The clarifiers operated normally as well. The plant operator continued to hose and skim the surfaces to remove algae and solids buildups. Sludge wasting

202

continued to be accomplished to control the biomass. Weekly samples of the Mixed Liquor Suspended Solids (MLSS) in both aeration tanks revealed the solids concentrations are rising slowly. The sand filters were operational throughout the month with water being used to assist in the lifting of sand. The chlorine contact tank and the ultraviolet light disinfection system were in service continuously during the month.

The belt filter press was operated for two hundred thirty-eight (238) hours during the month of October to dewater approximately two hundred sixty-two thousand (262,000) gallons of waste activated sludge to produce three (3) dumpster loads of dried sludge for disposal.

The Applebrooke subdivision transfer pump was shut off during the month of October. The pump will be left off throughout the winter and not restarted until next spring. It is anticipated that the pump will be relocated into the new treatment plant and the flow meter will be replaced before the system is reactivated.

The operations staff began completing some of the safety issues found during the recent safety audit conducted at the facility this month. These items included marking trip hazards, labeling chemical tanks, installing temporary signage, hanging eye wash bottles, hanging life flotation rings and updating the MSDS binders.

The treatment plant expansion / modification project continued during the month. Work involving the operations staff including attending progress meetings, troubleshooting blower vibration issues and monitoring the installation of new equipment.

Results of influent and final effluent samples collected during the month indicate compliance with current permit limitations.

Should you have any questions, please do not hesitate to contact me.

Sincerely,

Artesian Utility Development, Inc.

Thomas M. Horrex / bmr

Thomas M. Horrex, L.O., S. E.O.
Pennsylvania Operations Supervisor

TMH/bmr

cc: Mr. Evan Andrews - Pennoni Associates
File

November 9, 2009

Mr. Louis (Rick) Smith
Township Manager
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Re: Mark Miller

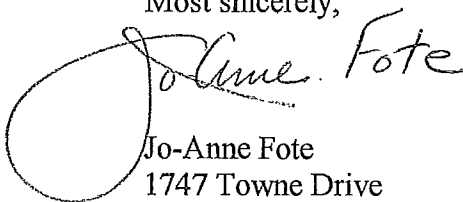
I am quite late in sending this letter to you, however, it is no less sincere.

I am writing to express my gratitude to Mark Miller, Director of Public Works. In mid September, Mark did a fabulous job in planting trees behind my house, which backs up to the Township's Sewer Treatment Plant. Mark is an outstanding employee and you are fortunate to have such a conscientious individual to represent the Township. Mark knows I am trying to sell my house, and knows the extent of the push back that I am receiving from potential buyers as they could not get past the visual disruption of the Treatment Plant's construction in July, August and September. Mark worked diligently to get the mound of dirt removed and grass/trees planted so that the visual improvement could possibly help to sell my house. On very hot days, Mark met with myself and neighbor, to ensure that the landscaping was effective, consistent and a visual improvement.

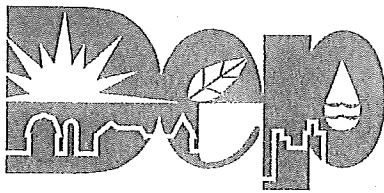
Any time that I have contacted Mark about the Treatment Plant, Mark has always been patient, kind and considerate, also returning all phone calls.

Although I have expressed my sincere gratitude to Mark, please accept my words of appreciation and thank you for working with me and my neighbor, Mr/Mrs. Snyder, to plant beautiful trees that will grow and block the Treatment Plant.

Most sincerely,



Jo-Anne Fote
1747 Towne Drive
West Chester, PA 19380
Email: jadf54@aol.com
610-715-3698



Pennsylvania Department of Environmental Protection

FYI FYI

2 East Main Street
Norristown, PA 19401

November 5, 2009

Southeast Regional Office

Phone: 484-250-5970

Fax: 484-250-5971

NOTICE OF VIOLATION

Mr. Louis F. Smith, Jr.
Township Manager
East Goshen Municipal Authority
1580 Paoli Pike
West Chester, PA 19380

Re: Water Management/Sewage/Operations
Hershey Mills Pump Station
East Goshen Township
Chester County

Dear Mr. Smith:

On October 26, 2009, the Department of Environmental Protection (Department) received notification of a sanitary sewer overflow at the Hershey Mill Pump Station in East Goshen Township, Chester County. However, the sanitary sewer overflow occurred on October 24, 2009.

The above-referenced discharge to the waters of the Commonwealth constitutes a violation of Sections 201 and 202 of the Clean Streams Laws of Pennsylvania, the Act of June 22, 1937, P.L. 1987, as amended. Furthermore, you are in violation of 25 Pa. Code Section 91.33. Immediate notification to this office, in conjunction with containment and cleanup, is required by the Department's regulations in the event of an incident that causes or has the potential to cause such a discharge. These violations constitute unlawful conduct under Section 611 of the Clean Streams Law and subject you to the enforcement provisions of Section 605 of the Clean Streams Law, 35 P.S. Section 691.605, which includes the assessment of civil penalties.

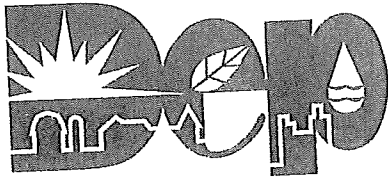
This Notice of Violation is neither an order nor any other final action of the Department. It neither imposes nor waives any enforcement action available to the Department under any of its statutes. If the Department determines that an enforcement action is appropriate, you will be notified of the action.

If you have any questions, please call me at 484-250-5142.

Sincerely,

David Wolfinger
Water Quality Specialist
Water Management

cc: Mr. Magge
Compliance and Monitoring
Re 30 (joh09wqm)309-7



FEYI

2 East Main Street
Norristown, PA 19401
November 10, 2009

Phone: 484-250-5970
Fax: 484-250-5971

Southeast Regional Office

NOTICE OF VIOLATION

Mr. Louis F. Smith, Jr.
Township Manager
East Goshen Township Municipal Authority
1580 Paoli Pike
WestChester, PA 19380

Re: Lockwood Chase STP
Permit No. 1580430
East Goshen Township
Chester County

Dear Mr. Smith:

Our records indicate that the Discharge Monitoring Reports (DMRs) required by your National Pollutant Discharge Elimination System (NPDES) Permit or Water Quality Management Permit, No. 1580430, have been submitted late for 12 months out of the last 42 months. Your permit requires the submission of DMRs to this office within 28 days from the end of each monitoring period.

These violations constitute unlawful conduct under Section 611 of the Clean Streams Law and subject you to the enforcement provisions of Section 605 of the Clean Streams Law, 35 P.S. Section 691.605, which includes the assessment of civil penalties.

As part of the Department of Environmental Protection's (DEP) Electronic Government initiative, DEP is offering a new method for wastewater facilities to submit the monthly DMRs and all supplemental forms as required by NPDES permits and some Water Quality Management permits. Permittees can now utilize DEP's electronic DMR (eDMR) system. Upon registration, permittees use an eDMR template generated specifically for their permit to enter parameter values for submission to DEP. The secure website is accessed with a User Identification Number and Password. When permittees utilize the eDMR system, they no longer need to submit paper DMRs to DEP and EPA. All supplemental forms can be uploaded into the eDMR system.

DEP would like to resolve the late DMR submission violations and prevent a recurrence of this type of violation. Therefore, in lieu of the assessment of civil penalties for the late DMR submission violations, DEP is willing to resolve these open violations upon your registration and continued use of DEP's eDMR system. Enclosed is the Department's eDMR fact sheet for additional information. The required registration information and forms can be obtained by accessing the following DEP's website:

<http://www.depweb.state.pa.us/watermgmt/cwp/view.asp?a=1465&Q=520789>

November 10, 2009

- 2 -

Mr. Louis F. Smith, Jr.

Within fifteen (15) days of the date of this letter, DEP requests a written response that indicates how you will resolve the late DMR submission violations. Should you choose to utilize DEP's eDMR system, we will also require the submission of a copy of the completed forms that you have submitted within thirty (30) days of the date of this letter.

This letter does not waive, either expressly or by implication, the power or authority of the Commonwealth of Pennsylvania to prosecute for any and all violations of law arising prior to or after the issuance of this letter or the conditions upon which the letter is based.

This letter shall not be construed so as to waive or impair any rights of the DEP, heretofore or hereafter existing.

Sincerely,



Robert D. Bauer
Water Quality Specialist Supervisor
Water Management

Enclosure

cc: Compliance and Monitoring
Re 30 (GJS09)302



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Electronic Discharge Monitoring Report (eDMR) System

Overview

As part of DEP's Electronic Government initiative, DEP is offering a new method for wastewater facilities to submit the monthly Discharge Monitoring Reports (DMRs) and all supplemental forms as required by National Pollutant Discharge Elimination System (NPDES) permits and some Water Quality Management permits - permittees can now utilize DEP's electronic DMR (eDMR) system. Upon registration, permittees use an eDMR template generated specifically for their permit to enter parameter values for submission to DEP. The secure Web site is accessed with a User Identification Number and Password. When permittees utilize eDMR, they no longer need to submit paper DMRs to DEP and EPA. All supplemental forms can be uploaded into the eDMR system. A user with authorization as a "Certifier" can submit the monthly package to DEP.

Eligible Types of Permit Holders

- Water Quality Management Permit, Industrial Waste and Sewage, Land Application
- NPDES Permit, Industrial Wastewater (Major and Minor)
- NPDES Permit, Industrial Storm Water (Individual Permits)
- NPDES Permit, Sewage, Municipal and Non-Municipal (Major and Minor)
- PAG-03, Stormwater Associated with Industrial Activities
- PAG-05, Discharges from Gasoline Contaminated Ground Water Remediation Systems
- PAG-10, Discharges from Hydrostatic Testing of Tanks and Pipelines

Access

The eDMR system is accessed through DEP's Web site at www.dep.state.pa.us/edmr. Access is restricted by authorized security for the following types of accounts:

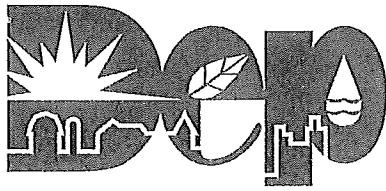
Viewer - This role enables the user to view reporting requirements, the status of submitted eDMRs and the submitted data.

Preparer - This role provides the user with all privileges of the Viewer role plus the ability to complete and save the eDMR forms.

Certifier - This role provides the user with all privileges of the Viewer and Preparer roles plus the ability to submit eDMRs using a Personal Identification Number (PIN) as part of a digital signature.

Value and Benefits

- Reduction in paperwork for the facility
- Reduction in manual data entry by DEP
- Allows data uploads from proprietary software applications
- Electronic attachment functionality
- Electronic receipt of all submissions
- Track status and history of online submissions
- Secure, convenient, and easy!



FYI

**2 East Main Street
Norristown, PA 19401**

November 10, 2009

Southeast Regional Office

Phone: 484-250-5970

Fax: 484-250-5971

NOTICE OF VIOLATION

Mr. Louis F. Smith, Jr.
Township Manager
East Goshen Township Municipal Authority
1580 Paoli Pike
West Chester, PA 19380

Re: Ridley Creek STP
Permit No. PA0050504
East Goshen Township
Chester County

Dear Mr. Smith:

Our records indicate that the Discharge Monitoring Reports (DMRs) required by your National Pollutant Discharge Elimination System (NPDES) Permit or Water Quality Management Permit, No. PA0050504, have been submitted late for 16 months out of the last 42 months. Your permit requires the submission of DMRs to this office within 28 days from the end of each monitoring period.

These violations constitute unlawful conduct under Section 611 of the Clean Streams Law and subject you to the enforcement provisions of Section 605 of the Clean Streams Law, 35 P.S. Section 691.605, which includes the assessment of civil penalties.

As part of the Department of Environmental Protection's (DEP) Electronic Government initiative, DEP is offering a new method for wastewater facilities to submit the monthly DMRs and all supplemental forms as required by NPDES permits and some Water Quality Management permits. Permittees can now utilize DEP's electronic DMR (eDMR) system. Upon registration, permittees use an eDMR template generated specifically for their permit to enter parameter values for submission to DEP. The secure website is accessed with a User Identification Number and Password. When permittees utilize the eDMR system, they no longer need to submit paper DMRs to DEP and EPA. All supplemental forms can be uploaded into the eDMR system.

DEP would like to resolve the late DMR submission violations and prevent a recurrence of this type of violation. Therefore, in lieu of the assessment of civil penalties for the late DMR submission violations, DEP is willing to resolve these open violations upon your registration and continued use of DEP's eDMR system. Enclosed is the Department's eDMR fact sheet for additional information. The required registration information and forms can be obtained by accessing the following DEP's website:

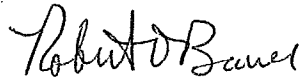
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This letter does not waive, either expressly or by implication, the power or authority of the Commonwealth of Pennsylvania to prosecute for any and all violations of law arising prior to or after the issuance of this letter or the conditions upon which the letter is based.

This letter shall not be construed so as to waive or impair any rights of the DEP, heretofore or hereafter existing.

Sincerely,



Robert D. Bauer
Water Quality Specialist Supervisor
Water Management

Enclosure

cc: Compliance and Monitoring
Re 30 (GJS09)302



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Electronic Discharge Monitoring Report (eDMR) System

Overview

As part of DEP's Electronic Government initiative, DEP is offering a new method for wastewater facilities to submit the monthly Discharge Monitoring Reports (DMRs) and all supplemental forms as required by National Pollutant Discharge Elimination System (NPDES) permits and some Water Quality Management permits - permittees can now utilize DEP's electronic DMR (eDMR) system. Upon registration, permittees use an eDMR template generated specifically for their permit to enter parameter values for submission to DEP. The secure Web site is accessed with a User Identification Number and Password. When permittees utilize eDMR, they no longer need to submit paper DMRs to DEP and EPA. All supplemental forms can be uploaded into the eDMR system. A user with authorization as a "Certifier" can submit the monthly package to DEP.

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Value and Benefits

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- Reduction in manual data entry by DEP
- Allows data uploads from proprietary software applications
- Electronic attachment functionality
- Electronic receipt of all submissions
- Track status and history of online submissions
- Secure, convenient, and easy!

BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP

CHESTER COUNTY
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

FYI

FILE COPY

November 13, 2009

Pennsylvania Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

Attention: Mr. Robert D. Bauer
Water Quality Specialist Supervisor
Water Management

Re: Lockwood Chase STP
Permit No. 1580430
East Goshen Township
Chester County

Dear Mr. Bauer:

We are in receipt of your letter dated November 10, 2009 indicating that the Discharge Monitoring Reports (DMRs) required by our National Pollutant Discharge Elimination System (NPDES) Permit or Water Quality Management Permit No. 1580430, have been submitted late for 12 months out of the last 42 months.

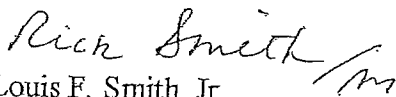
East Goshen Township will take immediate steps to rectify the late DMR violations and prevent recurrence of this type of violation. Service for the Lockwood Chase Sewage Treatment Plant is contracted out to Artesian by East Goshen Township. We will notify Artesian of the proper procedure to ensure that going forward these violations do not occur.

We would also ask DEP to provide East Goshen Township with a list of the reports that are in violation so that we may correct the situation.

If you have any questions or need additional information, please do not hesitate to call me at 610-692-7171 or email me at rsmith@eastgoshen.org.

Thank you for your help in this matter.

Sincerely,



Louis F. Smith, Jr.
Township Manager

rms

BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP

CHESTER COUNTY
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

November 16, 2009

Pennsylvania Department of Environmental Protection
2 East Main Street
Norristown, PA 19401

Attention: Mr. Robert D. Bauer
Water Quality Specialist Supervisor
Water Management

Re: Ridley Creek STP
Permit No. PA00500504
East Goshen Township
Chester County

Dear Mr. Bauer:

We are in receipt of your letter dated November 10, 2009 indicating that the Discharge Monitoring Reports (DMRs) required by our National Pollutant Discharge Elimination System (NPDES) Permit or Water Quality Management Permit No. PA0050504, have been submitted late for 16 months out of the last 42 months.


East Goshen Township will take immediate steps to rectify the late DMR violations and prevent recurrence of this type of violation. Service for the Ridley Creek Sewage Treatment Plant is contracted out to Artesian by East Goshen Township. We will notify Artesian of the proper procedure to ensure that going forward these violations do not occur.

We would also ask DEP to provide East Goshen Township with a list of the reports that are in violation so that we may correct the situation.

If you have any questions or need additional information, please do not hesitate to call me at 610-692-7171 or email me at rsmith@eastgoshen.org.

Thank you for your help in this matter.

Sincerely,



Louis F. Smith, Jr.
Township Manager

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BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP

CHESTER COUNTY
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

FYI

November 16, 2009

Thomas M. Horrex, L.O., S.E.O.
Pennsylvania Operations Supervisor
Artesian Wastewater Management
P.O. Box 15004
Wilmington, DE 19850

ALL COPY

Re: Ridley Creek STP	Lochwood Chase STP
Permit No. PA 00500504	Permit No. 1580430
East Goshen Township	East Goshen Township
Chester County	Chester County

Dear Mr. Horrex:

Please see enclosed letters from PA DEP to East Goshen Township indicating Discharge Monitoring Reports (DMRs) violations for Lochwood Chase STP and Ridley Creek STP.

Also enclosed you will find the list of bid specs for Ridley Creek and Lochwood Chase STPs for your review. Please note that "all discharge monitoring reports shall be submitted to the DEP by certified return receipt mail."

To avoid these violations and late reporting in the future, permittees can now utilize DEP's electronic DMR (eDMR) system. Instructions are enclosed for registering and participating in the eDMR program. Please confirm that you have registered in the Electronic Discharge Monitoring Report System.

If you have any questions or need additional information please do not hesitate to call me at 610-692-7171 or email me at rsmith@eastgoshen.org.

Sincerely,



Louis F. Smith, Jr.
Township Manager

mns

enclosures

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

FYI

November 25, 2009

Dear Property Owner:

The purpose of this letter is to inform you that the National Bank of Malvern has submitted a Land Development application requesting approval to develop their property located at 1305 Paoli Pike, West Chester PA, 19380. The applicant proposes to construct a bank branch and parking on the property. Parking proposed on the North side of this property will be leased to the YMCA.

Pursuant to Township policy, property owners and residents within 1000 feet of the properties seeking zoning relief; are notified of Zoning Variance applications.

The meeting dates and times when this application will be discussed are outlined below.

December 2, 2009 - Planning Commission meeting (workshop at 7 pm, formal meeting @ 7:30 pm) The applicant will make a presentation at this meeting.

January 6, 2009 - Planning Commission meeting (workshop at 7 pm, formal meeting @ 7:30 pm)

January 19, 2010 - Board of Supervisors meeting (workshop at 7:00 pm, formal meeting @ 8:00 pm)

All meetings are held at the Township Administration Building and are open to the public. The application and plans are available for review during normal business hours.

Please give me a call at 610-692-7171 or email me at mgordon@eastgoshen.org if you have any questions or need additional information.

Sincerely,



Mark A. Gordon
Township Zoning Officer

Cc: All Township Authorities, Boards and Commissions
Rick Craig, P.E., Township Engineer, West Goshen Township
Charles Olivo, PE

BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP

CHESTER COUNTY
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

FYI

November 20, 2009

Dear Property Owner:

The purpose of this letter is to inform you that Lieberman Early and Company has submitted a Land Development and Conditional Use application for the owners of 1345 Enterprise Drive. The applicant is seeking approval to increase the parking area that serves the existing building, adding 64 parking spaces. No building expansion is proposed as part of this application.

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 when this application is scheduled to be discussed are outlined below, and subject to change.

Conditional Use Application

December 4, 2009 - Planning Commission meeting (workshop at 7:00 pm, formal meeting @ 7:30 pm)

January 5, 2010 – Board of Supervisors Hearing (workshop at 7:00 pm, formal meeting @ 8:00 pm) **Conditional Use Hearing**

Land Development Application

December 4, 2009 - Planning Commission meeting (workshop at 7:00 pm, formal meeting @ 7:30 pm)

January 6, 2010 – Planning Commission meeting (workshop at 7:00 pm, formal meeting @ 7:30 pm)

February 3, 2010 – Board of Supervisors Meeting (workshop at 7:00 pm, formal meeting @ 8:00 pm)

All meetings 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 610-692-7171 or email me at mgordon@eastgoshen.org if you have any questions or need additional information.

Sincerely,



Mark A. Gordon
Township Zoning Officer

Cc: All Township Authorities, Boards and Commissions

BOARD OF SUPERVISORS
EAST GOSHEN TOWNSHIP

CHESTER COUNTY
1580 PAOLI PIKE, WEST CHESTER, PA 19380-6199

November 12, 2009

Ms. Jo-Anne Fote
1747 Towne Drive
West Chester, PA 19380

Dear Ms. Fote:

Pursuant to your request this letter contains background information and a summary of what is planned for the Ridley Creek Sewer Plant (RCSTP).

The current RCSTP was constructed by the developer of Bowtree and Clocktower in the 1980's and subsequently dedicated to the Township. It has a capacity of 400,000 gallons per day and uses the "extended aeration activated sludge process" for wastewater treatment. Occasionally, certain components of the RCSTP, have produced odors that may be offensive to some people,

Several years ago the Township determined that it needed to upgrade the treatment process and expand the RCSTP. It has received approval from the Pennsylvania Department of Environmental Protection to increase the capacity to 750,000 gallons per day and to upgrade the treatment process to the Sequencing Batch Reactor (SBR) treatment process.

The SBR treatment process will result in the discharge of a cleaner treated wastewater (effluent) to the Ridley Creek. In addition, the Township concluded that emphasis also needed to be placed on odor control as well as on the general appearance of the RCSTP.

Construction commenced in the fall of 2008 and specific elements of the project include the following:

- Increase the capacity of the influent lift station and enclose the wet well in order to reduce odors.
- Install the influent screen within a building provided with odor control.
- Construct four new SBR tanks and a treatment building to house the new treatment equipment and controls.
- Clean, retrofit, and paint the existing treatment tanks to provide flow equalization and sludge processing.
- Use a centrifuge for sludge processing which will be located in a building with odor control.
- Replace the existing fence that encloses the RCSTP and install landscaping.

The RCSTP Project is currently under construction with completion scheduled for June of 2010.

The Township is making a significant investment to protect the health and welfare of Township residents and the protection of our environment. This investment includes the installation of odor controls in order to be to be a good neighbor to the residents living near the RCSTP.

Please give me a call at 610-692-7171 or e-mail me at rsmith@eastgoshen.org if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink that reads "Rick Smith". The signature is written in a cursive style with a small flourish at the end.

Louis F. Smith, Jr.
Township Manager



FYI

PLGIT's Procurement Card Program Reaches \$18.7 Million in Spending for the 2008/09 Cycle, the fourth year of the program!

PLGIT is pleased to announce the success of its Procurement Card Program for the 2008 - 2009 spending year. As the fourth year in the program has been completed, we are excited about the growth in overall spending and new ways that clients are using the procurement card ("P-card").

This year, 26 additional local governments and school districts enrolled in the program, bringing the total to 114 active members, with several more in the application process. The average monthly spending is over \$1,500,000 representing an increase of over 62% since August 2008. As the 2009 spending cycle ended this year, rebate checks totaling over \$105,000 were sent out to 38 participants and a total rebate of \$189,000 has been distributed since program inception. This year, two local governments received rebate payments of over \$6,800 and another received over \$66,000.

Participants are eligible for a rebate if the total spending of all procurement cards for their school or municipality is \$50,000 or greater for the year (September to August).

In addition to the current Rebate Program, the new Incentive Rebate Payment Program, which started on September 1, 2008 and will continue through December 31, 2009, rewards additional rebate dollars to local governments and school districts up to \$5,000 for the 16-month period. As of August, 2009, \$14,300 has been earned in additional rebates through this program.

About the P-card

The P-card looks and operates like a credit card but does not carry a revolving line of credit. Using a P-card to make purchases can eliminate the typical requisition, purchasing, receiving and accounts payable processes and other time consuming steps and costs involved in purchases.

When applying for the card, the tax identification number of the municipality or school is requested, not an individual's social security number. There is no cost to join the Procurement Card Program and individual card limits can be set by transaction, vendor or time period, controlling maverick purchases and contractor/vendor usage.

If you have questions, comments, or would like to learn more about the procurement card program, please call your marketing representative at 1-800-572-1472 or visit us at www.plgit.com.

*This information does not represent an offer to sell or a solicitation of an offer to buy or sell any fund or other security. Investors should consider the investment objectives, risks, charges and expenses before investing in any of the Trust's portfolios. This and other information about the Trust's portfolios is available in each portfolio's current Information Statement, which should be read carefully before investing. Copies of these Information Statements may be obtained by calling 1-800-572-1472 or are available on the Trust's website at www.plgit.com. While the PLGIT and PLGIT/ARM portfolios seek to maintain a stable net asset value of \$1.00 per share and the PLGIT/TERM portfolio seeks to achieve a net asset value of \$1.00 per share at its stated maturity, it is possible to lose money investing in the Trust. An investment in the Trust is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. Shares of the Trust's portfolios are distributed by **PFM Fund Distributors, Inc.**, member Financial Industry Regulatory Authority (FINRA) (www.finra.org). PFM Fund Distributors, Inc. is a wholly owned subsidiary of PFM Asset Management LLC. Member SIPC.*

The Pennsylvania Powercard Program (the "Program") offers a Procurement Card (a "P-Card"), issued by Harris Bank, N.A., and marketed by PFM Financial Services LLC. PLGIT is a Program sponsor and the Program is marketed to PLGIT Participants. PLGIT receives no compensation for its sponsorship and the Trust is indemnified against any liabilities or costs relating to the Program.

SMPLGIT, PLGIT-Class Shares, PLGIT/PLUS-Class Shares, PLGIT/I-Class Shares, PLGIT/TERM, PLGIT-CD, PLGIT/ARM, PLGIT/SAM, and PLGIT-CAP are service marks of the Pennsylvania Local Government Investment Trust.