

EAST GOSHEN MUNICIPAL AUTHORITY

April 11, 2011

Monday, 7:00 PM

1. CALL TO ORDER/PLEDGE OF ALLEGIANCE/MOMENT OF SILENCE
 - a. Ask if anyone will be taping the meeting?
2. RIDLEY CREEK REPORTS
 - a. Brickhouse Environmental Project Manager Report
 - b. Pennoni Engineers Report
 - c. Cost Summary Report - Rick will provide at Mtg.
 - d. Change Orders
 - e. Pennoni – Continued Construction Services
3. RIDLEY CREEK INV
 - a. Brickhouse Environmental #5893 \$ 5,750.00
4. CHAIRMAN’S REPORT/OTHER MEMBERS REPORTS
5. APPROVAL OF MINUTES
 - a. March 14, 2011
6. APPROVAL OF INVOICES
7. LIAISON REPORTS
8. FINANCIAL REPORTS
 - a. March Report
9. OLD BUSINESS
 - a. Pennoni Project Budgets
10. GOALS
 - a. 2011 Goals
11. NEW BUSINESS
12. CAPACITY REQUESTS - None
13. SEWER REPORTS
 - a. Director of Public Works Report – March 2011
 - b. East Goshen Township Flows for 2010
 - c. Miller Environmental, Inc. Report
14. ANY OTHER MATTER
 - a. Authorize Secretary to execute certificate
15. CORRESPONDENCE AND REPORTS OF INTEREST

- a. DEP 3/29/11 approval letter for Lockwood
- b. Tru-Team - 1,000 foot letter
- c. Stein – 1,000 foot letter
- d. Newsletter date memo

16. PUBLIC COMMENT

17. ADJOURNMENT

18. EXECUTIVE SESSION - LEGAL

19. ADJOURNMENT

Reminder – NEWSLETTER ARTICLE SUBMISSION DUE DATES:

Article Due Date

Delivery date

February 09, 2011 – Joe

April 1, 2011

May 11, 2011 – Fran

July 1, 2011

August 10, 2011 – Jack

October 1, 2011

November 9, 2011- Dana

January 1, 2011



Project Accomplishments

BE Project No. 09-2532-0

East Goshen/Ridley Creek Sewage Treatment Plant Upgrade/Expansion

March 2011 Services

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

- 3-7-11 Prepare diagram illustrating connectivity of various equipment control panels throughout the upgraded RCSTP.
- 3-8-11 Emails and telephone call with Eric Darcy from Watson Marlow Pump Group regarding the alum feed pumps. Correspondence with Dan Barbato regarding Clinger Corps status with punch list items and review of punch list distributed by Matt McAloon.
- 3-11-11 Visit RCSTP site to check on operational status of alum feed pumps.
Prepare Project Manager's report for the month of February.
Project status update with Dan Barbato, Jeff Bush and Bob Dina.
- 3-14-11 Telephone call with Charlie Baines, Watson Marlow pumps.
Attend the East Goshen Township Municipal Authority monthly meeting and present the February Project Manager's report.
- 3-15-11 Telephone conversation with Eric Darcy, WMPG, regarding the Watson Marlow chemical feed pumps.
Telephone conversation with Mark Wolf regarding the JWC fine screen to arrange for a JWC field technician to troubleshoot the level transducers and reduce the run time of the screen.
Site visit to RCSTP. Influent pump number 3 oil cushion check valve is "hanging up" and influent pump 3 has tripped on overload.
Met with Mark Miller to review the outstanding warranty issues. Mark identified the seam within the Screening building which is leaking water.
- 3-16-11 Coordinated with JWC to troubleshoot operation of the fine screen. Progress was made to identify the cause of the "excessive" operation of the fine screen. JWC to investigate and report alternative programming of the fine screen level transducers and/or control panel program.
Periodic telephone conversations and voice mails with Ron from Siemens Sunlight UV system with respect to operating the UV system in automatic mode. The problem remains unresolved and follow-up is scheduled for Thursday, March 17, 2011.
Clinger Corporation on site addressing punch list items including the main facility circuit breaker and power monitor system. Identified the locations of the flow meter signal wires for the influent and effluent flow meters for incorporation with the composite samplers for flow proportioned sampling.
Spent majority of time on site working with Eric Darcy of Watson Marlow Pump Group troubleshooting the alum and soda ash feed pumps. The soda ash feed pump is functional



Brickhouse Environmental

and the alum pumps need further troubleshooting. A site visit is planned for the week of March 21, 2011.

Jeff Bush from Worth and Company was on site replacing the hour meters in the Siemens panel and completing punch list items.

- 3-18-11 On site at RCSTP incorporating adjustments provided by JWC for the transducers for the fine screen. Met with Eric Dickerson, Watermark Systems, to adjust fine screen programming to operate on level.
Summarize and distribute the centrifuge acceptance test data.
- 3-21-11 Telephone call to Scott Stump to check on changes incorporated to fine screen. Run time has been reduced, however, the set point differential may warrant further adjustment. Prepared and distributed the centrifuge acceptance data and summary spreadsheet. Prepared and updated the Worth and Company change order spreadsheet. Prepared a revised change order 004 for Worth and Company. Distributed to Rick and Jeff for review and comment.
- 3-22-11 Review contract specifications related to the centrifuge performance test and reply to question raised relating to "less than desired" results of acceptance test performed on March 2 and 3, 2011.

Telephone conversation with Ronny Parayno, Siemens Sunlight UV System to troubleshoot UV system. Follow-up conversation with email to Siemens Field Service and Worth and Company.

Telephone call with Jeff Bush regarding fine screen. Worth and Company will replace the brush, provided JWC provides a replacement brush at no cost. It was agreed that the plant operator as O&M should disassemble and clean the solenoid valve to the fine screen spray nozzles. Reviewed the contract specifications for information pertaining to the setting/programmed values for the up and down stream transducers. No level settings specified in contract.

- 3-23-11 On site visit to follow-up with Plant Operator regarding UV system operating in automatic mode. Jesse Goldberg at plant in place of routine Plant Operator. Updated Jesse on progress for the UV systems and fine screen.
Dave Wolfinger, PADEP, was on site reviewing plant operations and performance. Briefly met with Mark Miller to provide an update and contact information to obtain DMR and plant data from US EPA CID Special Agent Mark Schwartz.
Coordinated between Watson Marlow Pump Group and Worth and Company to schedule a local technician to troubleshoot the alum feed pumps with support for Siemens and ICI. Reviewed contract specifications pertaining to project close out requirements. Reviewed emails from Matt McAloon pertaining to punch list items and request to meet to review punch list and contractors' document submittals towards final completion.
- 3-25-11 Visit to RCSTP to adjust program for sludge flow meter.
Compile WWTP plant data in preparation of Paul Christiansen's visit.



Brickhouse Environmental

Update Worth and Company's change order 004 and prepare draft change order 005.
Update the Worth and Company change order tracking form.

- 3-28-11 Project correspondence and rescheduling of Paul Christiansen from Siemens Jet Tech. Rescheduled site visit from April 4, 2011 to May 9, 2011. All involved parties notified by email and telephone.
- 3-29-11 Emails and telephone calls related to final project close out and warranty items.
- 3-31-11 On site from 10:00 AM through 5:00 PM working on alum and soda ash feed pump control systems with service technician.
Reviewed operations with Jesse Goldberg and Scott Stump from Miller Environmental.
Adjusted the sludge flow meter to display total flow units for tracking total liquid volumes of sludge processed.
- 4-1-11 Coordinate meeting to review status of RCSTP project close out. Work on revising change order 005 for Worth and Company.
Work on RCSTP spreadsheet summarizing data.
Prepare recommendation to collect influent data to quantify organic loadings during morning flow from 5:00 AM through Noon.



MEMORANDUM

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

FROM: Daniel Barbato, P.E.
Authority Engineer

DATE: April 7, 2011

SUBJECT: Engineer's Report

RCSTP Upgrade and Expansion

- Construction phase services continue with punchlist monitoring, review of operations and maintenance submittals, progress meetings, troubleshooting, and coordination with the Project Manager and the Township.
- A breakdown of effort expended over the past month by Pennoni is provided with the invoice detail under separate cover.
- Worth and Company and Clinger Corporation continue working on punchlist completion. A punchlist update for both contractors was distributed for review and comments were received from both Contractors. Verification of completed items is in progress. Worth and Company appears to be complete with the exception of a few small items. Clinger Corporation has multiple punchlist items including Operations and Maintenance Manual submittals. Clarification will be sent by the Project manager to Clinger regarding closeout requirements.
- A coordination meeting was held on Wednesday April 6 in the Township office. The project team met first without the contractors to discuss the current status of the two contractors. A list off open items for discussion with the contractors was developed. Key topics included punchlist completion and contractual time requirements for project completion. The second meeting immediately followed and included Worth & Company. Clinger Corporation cancelled and was not in attendance. The punchlist for Worth was reviewed and subject to field verification, only a few items remain. Worth requested AutoCAD files for their use in producing as-built plans. Pennoni will provide these files. Warranty periods were clarified as well and O&M manual status and closeout documentation. Worth anticipates closeout within the three weeks. After the meeting, Pennoni provided clarification to the Project manager on Clinger's responsibilities for as-builts and record documents.
- Pennoni submitted the NPDES permit renewal application to DEP and we received a letter from DEP stating that the application is administratively complete.

I/I Metering Project

- The Township continues to meter flows at selected locations. Meters are in operation in at locations as recommended, and we will review meter data as it is submitted.

Ridley Creek Consent Order

- The report for March was submitted to DEP in advance of the deadline. We have not received comments from DEP at the time of this report.

LCSTP Elimination, Hershey Mill PS Diversion, Reserve PS Elimination Planning

- The Lochwood Chase report was approved by DEP on March 29.
- DEP is reviewing our response to their comments for the Hersheys Mill/Reserve report. We have not received additional formal comments from DEP.
- A proposal for design of the Lochwood Chase elimination project will be submitted to the Authority in April.

Marydell PS Elimination Planning

- The draft report for the Act 537 Plan Revision was submitted to the Township for review on March 9. We are incorporating the Authority's comments, and will make the required Component 4 submissions to the East Goshen Planning Commission, West Goshen Planning Commission, Chester County Planning Commission, and Chester County Health Department after finalizing the report.

Chapter 94 Report

- The annual updates to the Chapter 94 report were submitted to DEP in advance of the deadline.

Applebrook Spray Irrigation NPDES Permit Renewal

- We will prepare the NPDES discharge permit.



2e

April 7, 2011

EGMA0707

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

Re: RCSTP Upgrade and Expansion
Continued Construction Services
October 15 to Project Close-Out

Dear Mr. Smith:

In January, the Board approved Pennoni's estimate for additional fees to support the RCSTP project based on an extended final completion date of January 31. We anticipated that the contractors would be through punchlists by that time. To date, the contractor punchlists remain in progress, and Pennoni continues to monitor punchlist activity, attend occasional progress meetings, and support troubleshooting activities. We currently estimate punchlist completion by the contractors on April 30. Based on this anticipated completion date, we have prepared the following estimate of our fees required to reach the April 30 date.

For reference, I am including the past requests for additional service for this project.

October 15- December 15: \$10,950 (avg. \$690/week)

December 15- January 31: \$3,050 (avg. \$500/week)

CURRENT PERIOD – FEBRUARY- APRIL: Matt McAloon time for on-site review of punchlists, inspections, and punchlist updates (approx. 11 hours). Steve Seacrist time for troubleshooting startup and electrical issues (approx. 5 hours). Dan Barbato time for coordination with Project Manager and coordination meetings (approx. 7 hours). This time includes a progress meeting this week for a total of 23 hours. We anticipate an additional 6 hours to the end of April.

The total request for this time period is \$2,475. This is an estimate and actual effort can vary depending on Contractor performance and other items beyond Pennoni's control. This estimated effort will not be exceeded without prior approval from the Authority.

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

Sincerely,

PENNONI ASSOCIATES INC.

A handwritten signature in black ink, appearing to read "D Barbato".

Daniel P. Barbato, P.E.
Authority Engineer



**Brickhouse
Environmental**
Consultants and Engineers

Za

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

Invoice number 5893
Date 4/4/2011

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 March 2011.

Labor

<u>Employee Type</u>	<u>Hours</u>	<u>Amount</u>
Project Manager	50.00	5,750.00
Labor Total	<u>50.00</u>	<u>5,750.00</u>
		<u>Amount</u>
Reimbursable		0.00
Expense Total		<u>0.00</u>
Invoice Total		<u><u>5,750.00</u></u>

*OK Per Rick
4-7-11*

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 Supplement

Brickhouse's contract for project management was originally anticipated to be completed week ending August 8, 2010 at 1,522 hours and \$175,030.

From April through October 2010, Brickhouse spent 100 hours on out of scope matters that were included in the total hours.

The duration was extended to week ending October 10, 2010 and attendance at the October 11, 2010 Authority meeting which then expended the original 1,522 hours.

The Board subsequently approved Brickhouse Environmental to continue to serve the Authority's needs as requested on a T&M basis.

Monthly Project Management Subtotals Beyond the Original Budget

Month	Project Subtotals		
	Pro. Mgt. Hours	Cumulative Hours	Cumulative Fees
October 2010	36.25	36.25	\$4,168.75
November 2010	86.50	122.75	\$14,116.25
December 2010	136.00	258.75	\$29,756.25
January - February 4, 2011	97.75	356.50	\$40,997.50
February - March 4, 2011	58.00	414.50	\$47,667.50
March - April 1, 2011	50.00	464.50	\$53,417.50
			\$5,750.00

Project Cumulating Totals

Project Management Hours	Fee
1,986.50	\$227,747.50

5a

draft
EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY
MEETING MINUTES
March 14, 2011

The East Goshen Township Municipal Authority held their regularly scheduled meeting on Monday March 14, 2011 at 7:00 p.m. at the East Goshen Township building. Members in attendance were: Chairman Joseph McCawley, Jack Yahraes, Fran Beck, Dana Pizarro, and Kevin Cummings. Also in attendance were: Rick Smith, Township Manager; Scott Towler from Brickhouse Environmental; Dan Barbato from Pennoni; Bob Adams, Authority Solicitor; Carmen Battavio Township Supervisor, Dan Daly (Planning Commission) and Ellen Carmody (Historical Commission).

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 – Lochwood 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>NPDES – National Pollutant Discharge Elimination System</i>
<i>SSO – Sanitary System Overflow</i>	<i>WAS – Waste Activated Sludge</i>

1. CALL TO ORDER AND PLEDGE OF ALLEGIANCE

Chairman Joe McCawley called the meeting to order at 7:00 p.m. and led those present in the Pledge of Allegiance. There was a moment of silence to remember our Armed Forces.

2. RIDLEY CREEK REPORTS

A. Brickhouse Report

Scott reported that progress towards finalizing the electrical punch list items was accomplished. The short circuit and arc flash studies were completed, reviewed by Pennoni Associates, Inc. and approved as noted. Main outstanding electrical include:

- The arc flash study requires amendment to include MCC number 1 (existing unit)
- Verification that the Power Quality Meter (PQM) in the Main Distribution Panel (MDP) is functioning.
- Certificate of electrical inspection for the project
- Record drawings and documents
- O&M manuals (delivery time is not specified in contract)

The main outstanding items related to the mechanical/general punch list include:

- Lakeside fine screen transducer
- Hour meters for Siemens control panel
- Verify all alarms are working
- SBR 1 & 3 corbel cracks

Recent warranty items identified to be resolved:

- Siemens Sunlight UV system does not function in the automatic mode as of March 11, 2011. Siemens Sunlight provided a technician on site March 2nd and 3rd to replace the UV sensor for bank number 2.
 - Siemens was contacted to resolve the issue on March 14, 2011

- Watson Marlow alum and soda ash chemical feed pumps do not function remotely through the Siemens SBR control panel.
 - Watson Marlow Engineering has been contacted.
 - A field service visit has been requested
- JWC fine screen requires adjustment

Allied Control Services, Inc. was on site on March 3, 2011 from 8:00 AM to 11:30 AM to provide training on the control panel, disc filter feed pumps, effluent flow equalization tanks, sludge holding tanks, chemical feed systems and ancillary equipment.

Alfa Laval was on site on March 2nd and 3rd to conduct the centrifuge acceptance test. Samples were collected and analyzed in accordance with the specifications and submitted to Lancaster Laboratory for analysis.

Minimal progress has been achieved towards reducing the filamentous bacterium resulting in poor settleability and foam on the surface of the SBR basins. Restatement of the communication between the Watson Marlow chemical feed pumps and Siemens SBR control panel will provide for increase sodium hypochlorite dosages into the SBRs. Addition of sodium hypochlorite for filamentous bacterium control was halted on March 4, 2011 and will commence once the alum feed pumps are functional in remote mode.

The treatment plant was recorded as having received the following flows on March 10, 2011 (a rain event of 2 ½ inches of rain):

Influent wastewater:	1,000,264 gallons
Intermediate Flow:	764,856 gallons
Final Effluent discharge Flow	970,000 gallons

Scheduled Events:

Paul Christiansen from Siemens will be on site April 5th, 6th and 7th to provide technical support and training.

- Current plant operating information will be provided prior to Paul's visit
- The SBR performance warranty test has been postponed until the treatment facility can be restored to original intended design set points.

The project remains sustainably complete with final closeout pending.

B. Pennoni – Dan Barbato, reported the following:

RCSTP Upgrade and Expansion

- Construction phase services continue with punch list monitoring, final review of operations and maintenance submittals, and troubleshooting, and coordination with the Project Manager and the Township.
- A breakdown of effort expended over the past month by Pennoni is provided with the invoice detail under separate cover.
- Worth and Company and Clinger Corporation are working on punch list completion. A punch list update for both contractors was distributed for review on March 9. Remaining punch list items are minor with the exception of Operations and Maintenance Manual submittals from Clinger, and Clinger's Arc Flash/Short Circuit Study.

- O&M submittals from Worth are complete.
- Pennoni has completed the application paperwork for the renewal of the discharge permit, which expires in September. Letters of intent for the renewal (Act 14) will be filed to the required parties (Chester County Health Dept., Chester County Planning Commission and East Goshen Board of Supervisors) followed by submittal of the paperwork to DEP in the next week.

I / I Metering Project

- The Township continues to meter flows at selected locations. Meters are in operation at new locations as recommended, and we will review all meter data as it is submitted. Data has been received through January.

Ridley Creek Consent Order

- The next report is due to DEP in March of 2011. The March report is in progress and we expect to be ready to submit to DEP before the end of the month.

LCSTP Elimination, Hershey Mill PS Diversion, Reserve PS Elimination Planning

- Response to DEP comments and revised reports were submitted to DEP in February, prior to the deadline. We received a few informal questions and are addressing these. No formal comments have been received yet from DEP on the revised reports.

Marydell PS Elimination Planning

- The draft report for the Act 537 Plan Revision was submitted to the Township for review on March 9. Following the Authority's review, we will make the required Component 4 submissions to the East Goshen Planning Commission, West Goshen Planning Commission, Chester County Planning Commission, and Chester County Health Department.

Chapter 94 Report

- The annual updates to the Chapter 94 report are in progress. We will schedule a meeting with the Township to review developments and changes over the past year, and gather data needed to complete the report.

C. Cost Summary Report

- * 95.32% of the work is completed. The Balance on Budget is \$467,736.01. They need to finish paving and get the audit done.

D. Change Orders – None

3. RCSTP INVOICES

- A. Brickhouse Environmental #5815, \$6,670.00. Fran moved to approve payment. Jack seconded the motion. There was no further discussion. The motion passed unanimously.
- B. Pennoni, #465223, \$6,737.00. Dana moved to approve payment. Kevin seconded the motion. There was no further discussion. The motion passed unanimously.
- C. Expansion Expense, \$32.94. Jack moved to approve payment. Fran seconded the motion. There was no further discussion. The motion passed unanimously.

1 D. Gawthrop Greenwood, PC #87034. Kevin moved to approve payment. Dana seconded
2 the motion. There was no further discussion. The motion passed unanimously.
3

4 **4. CHAIRMAN'S REPORT**

5 A. None .
6

7 **5. APPROVAL OF MINUTES**

8 A. Jack moved to approve the minutes of the February 14, 2011 meeting as corrected. Fran
9 seconded the motion. The motion passed unanimously.
10

11 **6. APPROVAL OF INVOICES**

12 A. Pennoni, #465221, \$2,762.50. Fran moved to approve payment. Dana seconded the
13 motion. Kevin commented that they are at budget. Dan explained that Evan gave estimates,
14 and DEP asked for unexpected items. Dan explained the details of DEP
15 comments/questions. Kevin would like earlier discussion on additional items. Dan said that
16 most of the items have occurred since the last meeting. He estimated a supplemental cost of
17 \$1,500.00. There was no further discussion. The motion passed unanimously.

18 B. Pennoni #465229, \$1,491.25. Kevin moved to approve payment of the three invoices.
19 Jack seconded the motion. There was no further discussion. The motion passed
20 unanimously.

21 C. Pennoni #465288, \$1,970.00. Fran moved to approve payment. Dana seconded the
22 motion. There was no further discussion. The motion passed unanimously.

23 D. Pennoni #465289, \$1,542.50. Dana moved to approve payment. Jack seconded the
24 motion. There was no further discussion. The motion passed unanimously.

25 E. Pennoni #465228, \$535.00. Dana moved to approve payment. Fran seconded the
26 motion. There was no further discussion. The motion passed unanimously.

27 F. Gawthrop Greenwood, PC #87032, \$760.00. Jack moved to approve payment. Fran
28 seconded the motion. There was no further discussion. The motion passed unanimously.
29

30 **7. LIAISON REPORTS**

31 A. Board of Supervisors – Carmen reported that the Hershey's Mill "Save the Dam"
32 committee is scheduling some fundraisers.

33 B. Planning Commission – Dan introduced himself as a new Commission member. The
34 Commission is reviewing the Wireless Communications Ordinance and Sign Ordinance to
35 update them.

36 C. Historical Commission – Ellen reported that March 5th was National History Day. A
37 student from East Goshen Elementary won 1st place in documentary. On March 12th, the
38 Chester County Historical Society held a seminar on Section 106 which applies to situations
39 similar to the Liberty Tower proposal. March 30th there will be a GPS program on the Battle
40 of Paoli. A small section took place in East Goshen. June 4th is Living History Day. It will
41 have a Civil War theme this year. They are converting the Plank House.

42 D. Bob Adams mentioned that the Board of Supervisors approved the parking lot near the
43 YMCA with access from Paoli Pike which will provide 103 additional parking spaces for
44 the YMCA.
45

46 **8. FINANCIAL REPORTS**

47 Financial reports were reviewed.
48

49 **9. OLD BUSINESS**

1 None

2
3 **10. NEW BUSINESS**

4 A. None

5
6 **11. CAPACITY REQUESTS**

7 None

8
9 **12. SEWER REPORTS**

10 A. Mark Miller reported the following:

11 Meters – The meters were read on a daily basis. No adjustments were needed. The
12 portable meters were read on a biweekly basis and data was sent to Pennoni. We had
13 to move the meter at Ridley in order to get precise data.

14
15 CC Collection – The pumping stations were visited on a daily basis and bar screens
16 were cleaned. The Muffin Monster at the Ash Bridge pumping station needs to be
17 pulled and repaired.

18 We were notified of three sewer lateral blockages during the month. At two of the
19 blockages we found cleanout pipes pulled out of the tee's.

20
21 Ridley Creek Plant – We averted a major sewage spill. The valve on the EQ Tank
22 split. Fortunately it happened at 7:30 AM and was noticed by the operator. Within
23 15 minutes our crew was on site with three 4 inch pumps and was able to transfer the
24 sludge to the two VCO tanks. PA Aqua was notified. Once they arrived, we had
25 them pull two loads out. The tank has been completely cleaned and a new valve has
26 been installed.

27
28 Lochwood Plant – Mark contacted the DEP regarding the drilling of two monitor
29 wells. He explained that there is no way they can drill the wells until the ground
30 dries out. The gentleman Mark spoke with was in agreement. Mark was told that
31 the well drilling can wait until the ground can support the drilling rig without
32 destroying the fields.

33
34 Pa One Calls – 45 PA One Calls were received for the month of February.

35
36 Alarms – They responded to 18 alarms during the month of February.

37
38 B. Miller Environmental reported:

39 Ridley:

- 40 ● Fine screen is still in hand.
- 41 ● #2 Digester was jetted, but still not reading accurately.
- 42 ● Modifications at the centrifuge would make polymer replacement
43 more efficient.
- 44 ● Generators are still alarming on Wednesdays.
- 45 ● ACS and Alfa Laval training was conducted.
- 46 ● Alum pumps still need to be fixed; the Nocardia control is on hold

47 Lochwood:

- 48 ● Wells were sampled and charts were developed for future events
- 49 ● A check valve needs to be installed.

- Spraying began in March
- e-DMR registration completed; January was hard copy, Feb will be electronic
- Several cracked rainbirds
- Several initial odor complaints

13. ANY OTHER MATTER

None

14. CORRESPONDENCE

A. Joe acknowledged receipt of notice regarding final land development plan for Toll Brothers Applebrook Meadows development.

15. PUBLIC COMMENT

None

16. ADJOURNMENT

There being no further business, Fran moved to adjourn the meeting. Jack seconded the motion. The meeting was adjourned at 8:10 p.m. The Authority went into Executive Session at 8:10 pm

Respectfully submitted,

Ruth Kiefer, Recording Secretary

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April 7, 2011

EGMA0703/04

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

Re: Project Budgets
Lochwood Chase, Hersheys Mill, and The Reserves Act 537 Plans

Dear Mr. Smith:

As we discussed at the previous Board meeting, we worked on the Act 537 plan reports for the Lochwood Chase STP Elimination, and Hershey's Mill/Reserves diversions in the March. At the time of the meeting, I explained that DEP had requested several items that required us to expend fees beyond our project budgets. The unanticipated efforts for these projects include:

- Preparation of resolutions for West Goshen
- Submission of additional forms and paperwork to Chester County Health Department
- Interface between DEP and Chester County Health department to facilitate communication and review of the reports.
- Response to additional questions from Chester County Health Department
- Response to DEP questions regarding easements, condemnation, property owners, and final alignment of sewer (design phase questions).

In lieu of requesting additional budget for the projects, I propose to transfer some of the additional time from the "Plan Update" phases to the "Additional Meeting" phase for each project. In the budget for both projects (our job numbers EGMA 0703 and 0704), there is an "Additional Meeting" phase with a budget of \$1,500. These budgets are unused to date. Our additional expenditures are greater than \$1,500, but in an effort to keep the projects within budget would be satisfied with using just the budget in these phases. We believe that using the meetings phase is appropriate as much of our time constituted telephone conferences with DEP and the reviewing agencies.

If this approach is acceptable, I will transfer time from the Plan Update phase to the Meetings phase and issue the final invoices.

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

Sincerely,

PENNONI ASSOCIATES INC.

OK with me

TRick 4-8-11

Daniel P. Barbato, P.E.
Authority Engineer

**2011
EAST GOSHEN MUNICIPAL AUTHORITY GOALS
APRIL REPORT**

ON-GOING

1. Submit an article for each newsletter.
 - a. Need by 2/9/11 - Joe - Completed
 - b. Need by 5/4/11 - Fran
 - c. Need by 8/3/11 - Jack
 - d. Need by 11/2/11 - Dana
 - e. February 2012 - Kevin
2. Attend West Goshen Meetings quarterly – more often if needed.
 - a. 1st Quarter (March) Jack
 - b. 2nd Quarter (June) Fran
 - c. 3rd Quarter (September) Dana
 - d. 4th Quarter (December) Joe
3. Respond to capacity requests in 45 days or less.
4. Implement I & I Plan
5. Conduct a sewer facilities tour after RCSTP construction is complete

RIDLEY CREEK PROJECT

1. Monitor construction.
2. Invite Board of Supervisors and all other ABC members to tour the plant.
3. Open House at the RCSTP
4. Have Siemens conduct a training session for Miller and Township Employees on the new SBR unit. (This would be in lieu of us going to the Siemens' facility in the mid-west.)

ACT 537 PLANNING

1. Obtain Act 537 Plan approval for the Lockwood STP Abandonment Project.
Completed 3/29/11
2. Obtain Act 537 Plan approval for the Greenhill PS Redirection and the Reserve PS Abandonment Project.
3. Obtain Act 537 Plan approval for the Marydell PS Abandonment project.
4. Obtain construction permits, solicit bids and start construction of the Marydell PS Abandonment project.

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

13a

April 8, 2011

To: Municipal Authority
From: Mark Miller
Ref. March Monthly Operations Report

Meters: The meters were read on a daily basis with no problems to report.

Portable Meters: The meters were read on a weekly basis. The Saratoga and New Kent meters required some cleaning of the probes.

C.C.Collection: The pumping stations were visited on a daily basis. We had to make repairs to a lateral on Clover Lane. We found that the lateral settled eight foot out of the manhole. Pictures attached.

Loch wood Plant: No problems to report.

R.C. Collection: The Hunt Country pumping station was visited on a routine basis. We called out for a lateral blockage in Bowtree. We removed three large sticks from the lateral, the last piece that pulled out sealed the fate of the culprits.

R.C. Plant: We completed the restoration of temporary parking lot.

Alarms: We responded to 16 alarms during the month of March.

Pa. One Calls: The Public Works Dept. responded to 60 PA One calls.

135

2011 flowmeters -all-stations separate month worksheets.xls12MAR 4/1/2011 9:56 AM

2011 MARCH 1ST QUARTER

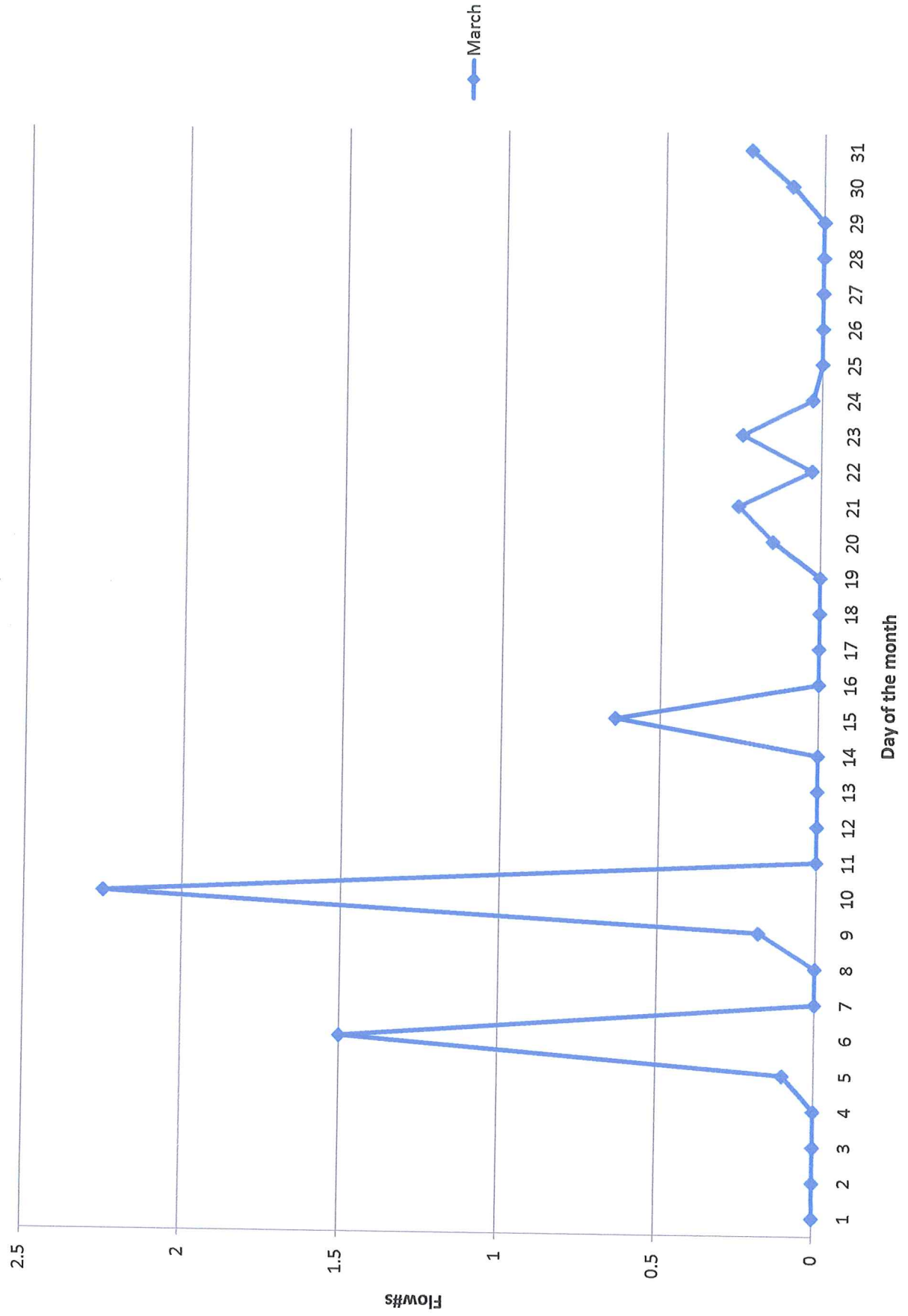
2011 flowmeters -all-stations separate month worksheets.xlsMAR

2011 SUMMARY OF METER READINGS

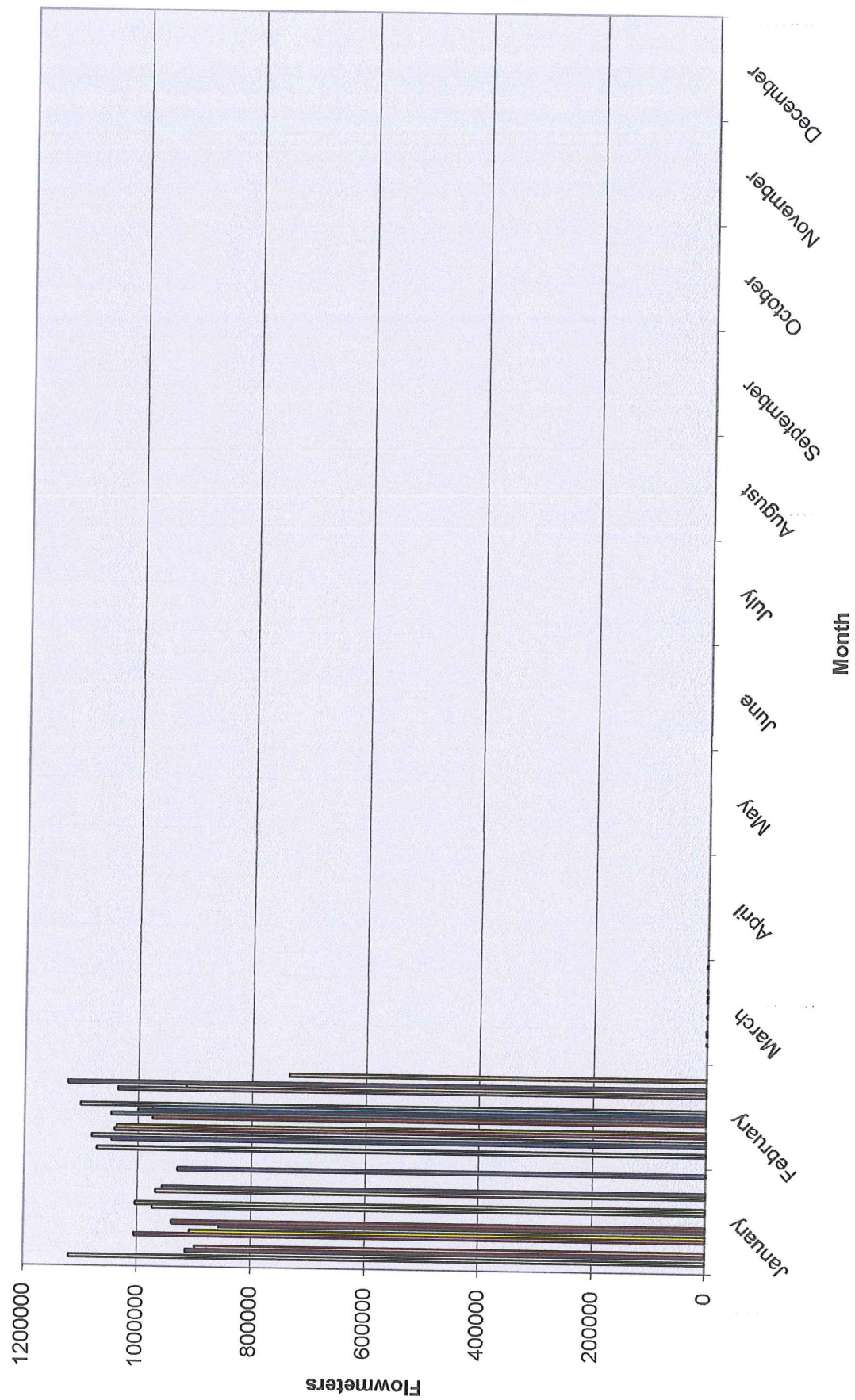
	WESTTOWN WAY	ELLIS LANE	PAOLI PIKE	WILSON DRIVE	SUMMIT	HERSHEY MILL	ASHBRIDGE	HICKS	RESERVOIR	SHERMAN	BARKWAY
JANUARY	1,081,404	97,651	47,105	57,700	20,400	53,493	62,585	278,133	701,586	5,463	11,131
FEBRUARY	1,292,596	149,342	63,312	71,587	20,400	58,624	77,370	309,956	793,370	5,474	11,651
MARCH	1,481,027	147,579	69,796	65,367	20,400	88,101	116,511	298,938	943,470	5,812	13,905
APRIL											
MAY											
JUNE											
JULY											
AUGUST											
SEPTEMBER											
OCTOBER											
NOVEMBER											
DECEMBER											
Total Flows											
Monthly Ave	1,285,009	131,524	60,071	64,885	20,400	66,739	85,489	295,676	812,809	5,583	12,229

To
West Goshen 1,028,529

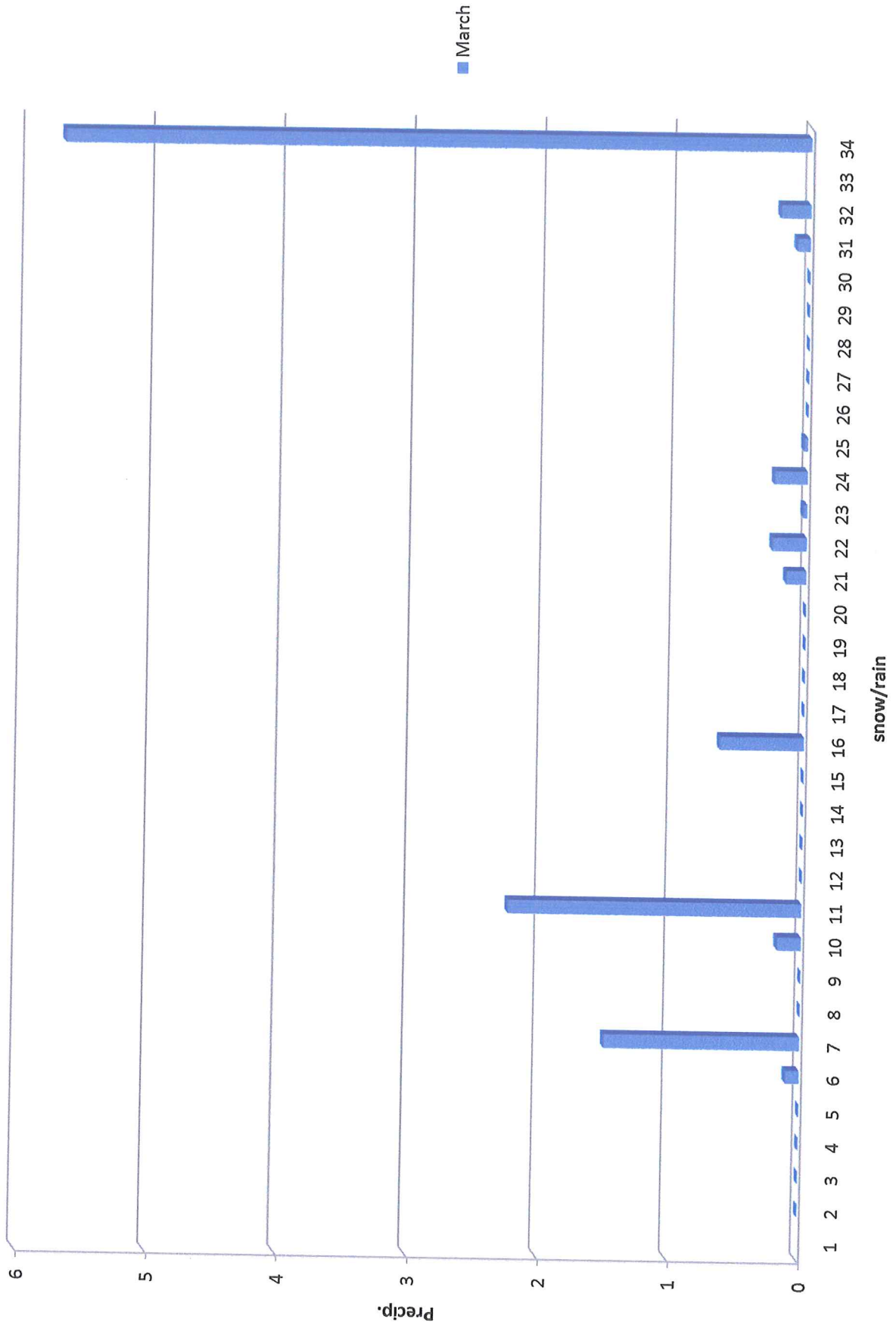
Flowmeters March 2011



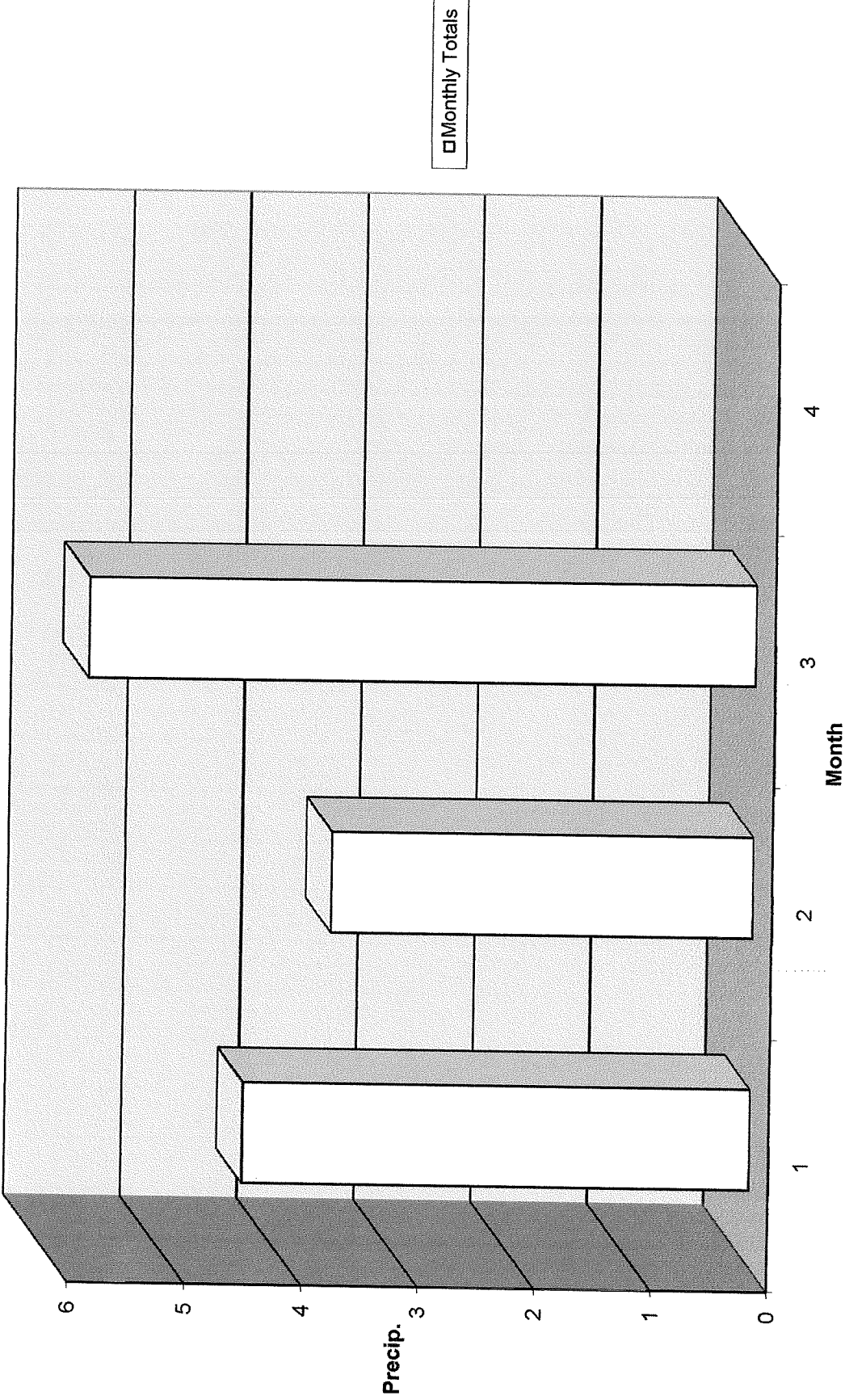
Monthly Totals 2010 Jan-Dec



March Precip. 5.72 - 2011



Monthly Totals 2011 (Jan-Dec)



14a

EAST GOSHEN TOWNSHIP MUNICIPAL AUTHORITY

Certification of Officers and Principal Office

TO THE SECRETARY OF THE COMMONWEALTH OF PENNSYLVANIA:

Pursuant to 53 Pa.C.S.A. Section 5603 (f), the undersigned secretary of the Chester County Water Resources Authority (the "Authority") hereby certifies the following:

1. The names and addresses of the officers of the Authority are:

Joseph M. McCawley, Jr.
1621 Eldridge Drive
West Chester, PA 19380

Chairman

Dana Pizarro
1602 Ivy Lane
West Chester, PA 19380

Vice Chairman

Jack E. Yahraes
911 Vista Drive
West Chester, PA 19380

Treasurer

Francis X. Beck, Jr.
1225 Foxglove Lane
West Chester, PA 19380

Secretary

2. The principal office of the Authority is:

East Goshen Township
1580 Paoli Pike
West Chester, PA 19380-6199

Francis X. Beck, Jr., Secretary

Date: _____



pennsylvania

DEPARTMENT OF ENVIRONMENTAL PROTECTION

SOUTHEAST REGIONAL OFFICE

15 a

MAR 29 2011

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

Re: Act 537 Plan Update
Lockwood Chase STP Elimination
Status: ISSUED
DEP Code 1-15919-223-3m
APS ID 689467, AUTH ID 719365
East Goshen Township
Chester County

Dear Mr. Smith:

We have completed our review of your municipality's updated Official Sewage Facilities Plan (Plan) titled "Update Revision for the Lockwood Chase Sewage Treatment Plant Elimination," as prepared by Pennoni Associates, Inc., dated January 2009 and revised January 2010, with additional information submitted on February 22, 2011. The review was conducted in accordance with the provisions of the Pennsylvania Sewage Facilities Act.

Approval of the Plan is hereby granted.

The Plan provides for the decommissioning of the Lockwood Chase Sewage Treatment Plant and associated spray irrigation fields. The existing sewer in front of 923, 924, and 926 Dolphin Drive will be reconstructed to reverse the direction of flow. Approximately 945 feet of new gravity sewer will be constructed to connect the Lockwood Chase system to the existing sanitary sewers in Tanglewood Drive, as shown on the plot plan entitled "Lockwood Chase STP Diversion," prepared by Pennoni Associates, Inc., dated February 5, 2010, and last revised on May 17, 2010. The existing sanitary sewers in Tanglewood Drive convey sewage to the Hershey Mill Pump Station, and ultimately to the West Goshen Township Sewer Authority's Chester Creek Wastewater Treatment Facility.

MAR 29 2011

Any person aggrieved by this action may appeal, pursuant to Section 4 of the Environmental Hearing Board Act, 35 P.S. Section 7514, and the Administrative Agency Law, 2 Pa.C.S. Chapter 5A, to the Environmental Hearing Board, Second Floor, Rachel Carson State Office Building, 400 Market Street, P.O. Box 8457, Harrisburg, PA 17105-8457, 717.787.3483. TDD users may contact the Board through the Pennsylvania Relay Service, 800.654.5984. Appeals must be filed with the Environmental Hearing Board within 30 days of receipt of written notice of this action unless the appropriate statute provides a different time period. Copies of the appeal form and the Board's rules of practice and procedure may be obtained from the Board. The appeal form and the Board's rules of practice and procedure are also available in braille or on audiotape from the Secretary to the Board at 717.787.3483. This paragraph does not, in and of itself, create any right of appeal beyond that permitted by applicable statutes and decisional law.

IF YOU WANT TO CHALLENGE THIS ACTION, YOUR APPEAL MUST REACH THE BOARD WITHIN 30 DAYS. YOU DO NOT NEED A LAWYER TO FILE AN APPEAL WITH THE BOARD.

IMPORTANT LEGAL RIGHTS ARE AT STAKE, HOWEVER, SO YOU SHOULD SHOW THIS DOCUMENT TO A LAWYER AT ONCE. IF YOU CANNOT AFFORD A LAWYER, YOU MAY QUALIFY FOR FREE PRO BONO REPRESENTATION. CALL THE SECRETARY TO THE BOARD (717.787.3483) FOR MORE INFORMATION.

If you have any questions, please contact Ms. Kelly A. Sweeney of this office.

Sincerely,



Jenifer Fields, P.E.
Regional Manager
Water Management

cc: Chester County Planning Commission
Chester County Health Department
Mr. Barbato - Pennoni Associates, Inc.
Mr. Scott - West Goshen Township Sewer Authority
Ms. Sweeney
Ms. Moore
Mr. McHale - RCSOB, 11th Floor, Sewage Facilities
Planning Section
Re 30 (GJS11WQM)79-15

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

156a

March 30, 2010

Dear Property Owner:

The purpose of this letter is to inform you that Tru-Team Inc. has submitted a Conditional Use application with the Township for their property at 1422 Paoli Pike. The owners are applying to adaptively reuse the existing historic building as a business office in accordance with §240-38.5.A(3)(a) of the Township Code. Specifically the building will be used as a physician's office.

Pursuant to Township policy, all property owners within 1000 feet of the subject property are notified of these types of applications. The tentative dates and times upon which this application will be discussed are as follows; and are subject to change.

April 6, 2011- Planning Commission meeting at 7:30 pm (workshop at 7:00 pm)
(Applicant's presentation)

April 14, 2011 - Historic Commission meeting at 7:00 pm

May 4, 2011 - Planning Commission Meeting at 7:30 (workshop at 7:00 pm)

May 24, 2011 - Board of Supervisors meeting at 7:00 pm
(Conditional Use Hearing)

All meetings and workshops are held at the Township Building and are open to the public. The Conditional Use application is available for review during normal business hours. Please give me a call at 610-692-7171 if you have any questions or need additional information.

Sincerely,



Mark A. Gordon
Township Zoning Officer

cc: Board of Supervisors
Planning Commission
Historical Commission

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

~~158~~
15c

March 29, 2011

Dear Property Owner:

The purpose of this letter is to inform you that Michael and Leisa Stein, 1519 Richard Drive, West Chester PA, 19380, have submitted an application to the Township requesting relief from the Township Zoning Ordinance. Mr. and Mrs. Stein are requesting that the Zoning Hearing Board grant them ten (10) feet of dimensional relief from the Side Yard requirement of the zoning ordinance in order to construct a detached two car garage on their property.

Specifically, Mr. and Mrs. Stein are seeking relief from the minimum side yard requirement of §240-28.D.(3)(b), to allow a side yard setback of ten (10) feet for the proposed garage.

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

This application is scheduled to be discussed during the meetings outlined below:

April 6, 2011 - Planning Commission meeting (workshop at 7:00 pm, meeting at 7:30 pm)

April 19, 2011 - Board of Supervisors meeting (7:00 pm)

May 5, 2011 - Zoning Hearing Board (**Zoning Hearing, 7:30 pm**)

All meetings are held at the Township Building and are open to the public and are subject to change. The variance application is 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

152

Memo

To: East Goshen Township Chairmen and Employees

From: Tia Piccolo

Date: April 1, 2011

Re: 2011 Summer Newsletter and remaining 2011 Deadlines

Thank you for your input on the East Goshen Township Spring Newsletter. It is now available on our website at www.eastgoshen.org, and if you have not received it in your homes already it is scheduled to be delivered on or before April 1, 2011.

The Summer edition is scheduled to be in homes by July 1, 2011.

If you have any articles, comments, suggestions, etc. you would like me to include in the next edition, please have them to me no later than Wednesday May 4, 2011.

Please limit your submission to one page or less so we have room to include all information. We cannot accept submissions longer than one page. To ensure all submissions are uniform, please submit your word document to me via e-mail with the normal 1" margins on top bottom and sides. Use the Font Calibri 11 pt.

My e-mail address is: tpiccolo@eastgoshen.org

The TENTATIVE remaining newsletter deadlines for 2011 are as follows:

May 4th – Summer edition

August 3rd – Fall edition

November 2nd – Winter edition

Thank you,

Tia Piccolo