

**AGENDA**  
**EAST GOSHEN TOWNSHIP**  
**BOARD OF SUPERVISORS**  
**WORKSHOP**  
**Tuesday, February 9, 2010**

**Executive Session - Personnel Matter 7:00 PM to 7:30 PM**

**Workshop – 7:30 PM**

1. Pledge of Allegiance
2. Moment of Silence
3. Invoices
4. Minutes of 1/25/10 and 2/2/10
5. Consider adoption of Resolution 10-11A appointing Mallie Falconiero to audit the Township financial accounts for 2009.
6. Review proposed ordinance change for Line Road parking and Fines
7. Metered Billing update
8. Citizen Budget Advisory Group \*
9. Hershey Mill Dam - Test Holes
10. Hershey Mill Dam - Insurance Deductable
11. Hershey Mill Dam – Next Step
12. Hershey Mill Dam - Select date for Hydrologic Study presentation
13. Traditions Update
14. Power purchases after deregulation
15. Landscaping at Township Building \*
16. RCSTP Extras \*
17. Tire Changer & Balance Machine \*
18. PSATS Resolutions & Voting delegates \*
19. CCATO Spring Convention – March 11
20. TMAACC Breakfast – March 17\*
21. Pending Legal Costs Update \*
22. Images of America Books \*
23. Snacks & Coffee Expenses \*
24. Grant Writing \*
25. Select date for Natural Lands Trust presentation
26. Pending Actions List
27. Any Other Matter
28. Liaison Reports
29. Subdivisions/Land Developments/ZHB Applications
30. Public Comment

\* Information was in packet for 2/2/10 meeting

**EAST GOSHEN TOWNSHIP  
BOARD OF SUPERVISORS MEETING  
1580 Paoli Pike  
January 25, 2010 – 6:30pm  
Draft Minutes**

**Present:** Chairman Don McConathy, Vice-Chairman Thom Clapper, Supervisor Marty Shane and Supervisor Carmen Battavio. Also present were Township Manager Rick Smith, Kathryn Yahraes (Historical Commission) and Jim McRee (Deer Committee).

**Call to Order & Pledge of Allegiance**

Don McConathy called the meeting to order at 6:30pm and led everyone in the Pledge of Allegiance to the Flag.

**Moment of Silence**

Carmen called for a moment of silence to honor the men and women serving their country in the armed forces and their families.

**Recording of Meeting**

No resident indicated they planned to record the meeting.

**Interviews for New Supervisor**

Don said the Board would be interviewing six candidates for the position of Township Supervisor to fill Joe McDonough's unexpired term. Don said that no comments from the public would be taken until the end of the interviews, and no comments would be taken on any other matter this evening. Don said the Board may or may not make a decision this evening.

The interview order was chosen by lottery as follows:

- 1) Carson Middleton
- 2) Peter Mylonas, Esq.
- 3) John A. Reidy, Ph.D.
- 4) John J. Hosey
- 5) Senya Isayeff
- 6) Howard Jones, DMD

However, since Carson Middleton was running late, he was moved to the final position and everyone else was moved up.

A summary of each interview follows.

**Peter Mylonas, Esq.**

Peter has lived in the Township since 1995. He has learned how Township government operates through his role on the Planning Commission, where he served as Chairman for two years. He is an attorney in solo practice and he is able to set his own schedule. While he does have younger children his wife is home with them full time. He is familiar with managing a business budget. He thinks the Township should strive for balance and avoid becoming overdeveloped. He

1 believes his listening skills, his ability to identify issues and to address them while applying the  
2 facts with a reasoned and logical approach would be assets to the Board. Peter said he would  
3 absolutely seek election to a full six-year term in 2011 if selected for the position. He expressed  
4 interest in liaising with the Conservancy Board, Planning Commission, and Park & Rec Boards if  
5 appointed to the position.

6  
7 **John A. Reidy, Ph.D.**

8 Dr. Reidy has been a resident for approximately 20 months. He is a retired scientist/computer  
9 programmer. He is interested in getting involved in local affairs, and when he saw the  
10 Supervisor opening advertised he thought it might be a way he could serve the community.  
11 He said he is able to look at the pros and cons of issues and approach them in a very logical  
12 manner. He knows how to compromise on issues where necessary while still getting basic  
13 requirements met. Dr. Reidy has not been involved in local government before. He has an open  
14 schedule and would have plenty of time to devote to the position. Dr. Reidy has not had  
15 experience managing a business budget. When asked if he would seek election to a full six-year  
16 term in 2011, he said his first inclination is no, but he might reconsider if he really enjoyed the  
17 position. Dr. Reidy said he would be interested in working on the Township website whether or  
18 not he is appointed as Supervisor.

19  
20 **John J. Hosey**

21 Mr. Hosey is a resident who believes his background in law, real estate, and in helping to run a  
22 family business make him a good candidate to serve with the Township. He has been a volunteer  
23 firefighter and engineer for the Goshen Fire Company since 2004. He also served as the  
24 Marketing Committee Chairman of the Greater Norristown Corporation from 2006 to 2008.  
25 Through his work in the family business he has experience with business budgets. He is  
26 currently self-employed and able to set his own schedule, with no small children to care for.  
27 Mr. Hosey said East Goshen provides a very good quality of life for the amount of taxes charged  
28 to residents. He said that from the outside it appears to be a very well-run Township. The  
29 attributes he believes he would bring to the job are his ability to approach things as logically and  
30 objectively as possible, as well as the fact that he tries to be a nice guy as much as possible.  
31 Mr. Hosey would be willing to seek election to a full six-year term in 2011, but said he is not  
32 very knowledgeable about the process.

33  
34 Don told Mr. Hosey he was quite impressed with the very eloquent letter he wrote to West  
35 Goshen(?) regarding the proposed Traditions development in West Goshen.

36  
37 **Senya Isayeff**

38 Senya has been a resident of East Goshen since 1995. He believes the role of a Supervisor is to  
39 protect the quality of life in East Goshen, primarily through control of the budget. He applied for  
40 the position because he sees a need to protect East Goshen as a wonderful place to live. He  
41 believes his energy, talents, business experience, willingness to research and study issues, and  
42 follow-through skills would make him a good candidate for the position. In addition, he is  
43 proactive, and skilled in building consensus between parties. With one child in college and  
44 another about to leave the nest he has the time to devote to the position. Senya said that the  
45 commercial zone on Route 3 is not in keeping with the character of the rest of the Township, and  
46 he would like to work to make it more attractive to the residents and those wishing to locate here.

1 He would also like to aggressively pursue businesses to locate to East Goshen to fill the vacant  
2 real estate. Senya said he would be willing to seek election to a full six-year term in 2011 if the  
3 other Supervisors found him to be a suitable candidate who was serving the Township well and  
4 pulling his weight. Senya said if he was selected he would use his extensive contacts to help  
5 East Goshen work in a more collaborate way with other local Townships and municipalities. As  
6 a Supervisor he would make it his highest goal to protect, preserve, and perpetuate the way of  
7 life in East Goshen.  
8

9 **Howard Jones, DMD**

10 Dr. Jones has been a resident of East Goshen since 1996. He knows the amount of time that  
11 would be involved in the position and is willing to make the commitment. He has considered the  
12 position very carefully and said that serving as a Supervisor is not a responsibility to take lightly.  
13 He is retired and has the time to devote to the position. He is very interested in learning more  
14 about the Township budget. He considers the residents to be like shareholders of a company,  
15 and the Board must act responsibly and answer to them. Dr. Jones said he is not afraid to speak  
16 up and share his opinion. He has an open mind, and is not afraid to be shown that sometimes he  
17 can be wrong about things. He has had experience serving the Township on the Planning  
18 Commission. In addition, he often attends Board meetings and Historical Commission meetings  
19 as an interested resident. Dr. Jones employed four specialists in his dental practice while he was  
20 still working, and he has had experience running a business budget. He has not yet decided  
21 whether or not he would run for election to a full six-year term if appointed. However, if he felt  
22 he was a strong contributor to the Board and if he still had the zest for it at that time, he would be  
23 willing to run.  
24

25 **Carson Middleton**

26 Mr. Middleton has been a resident of East Goshen since 1991. He believes that a diverse  
27 township is a strong township, and thinks it would be good to bring a youthful perspective to the  
28 Board. He currently serves on the Township's Board of Auditors, and said he would be prepared  
29 to give up that position if appointed to the Board. Mr. Middleton said that although he applied  
30 for the Supervisor vacancy, he would be willing to serve the Township in any appropriate  
31 capacity where the Board thinks he would fit in best. When asked what needs he sees in the  
32 Township, Mr. Middleton said the shopping center on the corner of Paoli Pike & Boot Road has  
33 too many vacancies. He would also like to explore finding different sources of revenue for the  
34 Township. The attributes he would bring to the Board include youth and a willingness to devote  
35 a great deal of time to the position, as well as knowledge of all levels of government. He said he  
36 does not have business budget experience. If selected for the position, he would be most  
37 interested in liaising with the Park & Rec Board, and learning about zoning issues. When asked  
38 if he would run for election to a full six-year term if appointed, Mr. Middleton said his  
39 inclination would be to say no. Carmen asked if he had any experience writing grants and  
40 Mr. Middleton indicated he had a small knowledge of this area but not much experience. Thom  
41 asked him if had the time to devote to the position, given his demanding job working for the  
42 Carole Aichele campaign. Mr. Middleton said his days could be long but he would make the  
43 time if selected. He also indicated that he was always open to new employment opportunities  
44 and was also considering going to law school.  
45  
46

1 **Public Comment**

2 *Leo Sinclair, Lochwood Lane* – Asked if the Board would make a decision tonight. Don said he  
3 would have to see what the feeling of the other Board members was. Mr. Sinclair said he  
4 recommended the Board sleep on it before making a decision. Marty said that if the Board did  
5 not make a decision this evening they would no doubt be accused by some residents of  
6 deliberating behind closed doors.  
7

8 **Remarks from the Board**

9 Carmen said he was very impressed with all six candidates, and their drive and willingness to  
10 “jump into the fire” of Township government. He said it speaks well for East Goshen to have  
11 such a diverse group of candidates willing to step up to the plate. He said he sees a good future  
12 for each of the candidates whether they get to serve on the Board or in another capacity for the  
13 Township.  
14

15 Marty said he was also very pleased with the quality of the six candidates and thinks they would  
16 all bring something different and valuable to the table, and it's almost a shame there is only one  
17 opening. He does, however, think it is very valuable for applicants to have some experience  
18 working for the Township.  
19

20 Thom thanked the candidates for applying and coming out for the public interviews. He said he  
21 was disappointed that only a small handful of residents were present to see the candidates being  
22 interviewed, as this is an important matter.  
23

24 Don thanked the candidates for their interest in the position, and said it was great to get to know  
25 them all. Those not selected as Supervisor would definitely be considered for other positions  
26 with the Township as openings come up. Don agreed with Marty that it is very helpful to have  
27 Township experience before becoming a Supervisor. He said he found his prior Planning  
28 Commission experience to be of great value in his role as Supervisor. Don regretted making an  
29 oversight and neglecting to invite John Chatley to the meeting this evening. In the event of a tie  
30 vote Mr. Chatley, would have to serve as the tie breaker.  
31

32 **Nomination of Senya Isayeff**

33 Marty moved to nominate Senya Isayeff to fill Joe McDonough's unexpired term as Supervisor.  
34 Carmen seconded the motion. Marty said it was a very difficult decision for him, and the choice  
35 ultimately came down to Senya and Peter Mylonas. Marty said that both gentlemen would be  
36 excellent Supervisors. However, knowing the time demands of the position, he felt that Peter  
37 would be at a slight disadvantage because he is still in the midst of raising a family, which in  
38 itself is a demanding job. Marty said that Peter would most assuredly be considered when there  
39 is another opening on the Board. The other deciding factor for him was the breadth of Senya's  
40 contacts, which will be invaluable to the Board. For instance, Senya was instrumental in getting  
41 the Township a rent increase for the District Court. Marty said at this time he felt that Senya  
42 would be the most appropriate choice for the Township, but he hoped Peter would be able to join  
43 the Board in the future.  
44

45 Thom said he personally had four criteria for selecting a candidate:

- 46 • Time to devote to the position

- Planning Commission experience
- Willingness to run for election
- Has a home on the public sewer system

Thom said Peter Mylonis was his choice for the position, as he alone meets all four criteria.

Carmen said he was looking for a candidate willing to serve East Goshen to the very best of his or her ability, and to fairly represent all 18,000 residents. He noted that networking is a extremely important in this position.

Don said that his previous Planning Commission experience has been very valuable to him in his role as Supervisor, so he would prefer a candidate with that background. Don then noted that he, Carmen, and Senya all live in close proximity to one another, which would merely be coincidental if Senya were to be selected. Don also commented that Senya enjoys speaking as much as Marty does, which could make for some long meetings.

*Public Comment: Leo Sinclair, Lochwood Lane* – Asked Marty if Senya Isayeff donated to his re-election campaign. Marty said no. Mr. Sinclair then asked if Senya was involved in Marty's campaign in any capacity, and Marty said yes he was, as was Peter Mylonas.

*Public Comment: Jim McRee, Oneida Lane* – Said he thinks the Supervisors' process for selecting a new Supervisor was very well done, fair and open. He said the Township could not go wrong by choosing either Peter or Senya.

*Public Comment: Kathryn Yahraes, Vista Drive* – Identified herself as Chairperson of the Historical Commission, and told the candidates there are always opportunities to serve the ABCs on a project basis, and there are frequent opportunities to serve on the ABCs as openings come up.

#### **Vote on the Motion to Appoint Senya Isayeff**

There being no further public comment, Don called the vote. The motion was passed in a 3:1 vote. Marty, Carmen and Don voted in favor in the motion to appoint Senya Isayeff. Thom was opposed.

Don told Senya that District Magistrate Chet Darlington would be present at the February 2 meeting to swear him in. Senya would not be able to cast any votes until being sworn in.

#### **Adjournment**

There being no further business, the meeting was adjourned at 9:12pm.

Respectfully submitted,

Anne Meddings  
Recording Secretary

**EAST GOSHEN TOWNSHIP  
CHESTER COUNTY, PENNSYLVANIA**

**RESOLUTION NO. 10 - 11A**

**A RESOLUTION APPOINTING MAILLIE, FALCONIERO & COMPANY, LLP  
TO REPLACE THE ELECTED AUDITORS OF EAST GOSHEN TOWNSHIP  
FOR THE PURPOSE OF MAKING AN EXAMINATION OF ALL THE  
ACCOUNTS OF EAST GOSHEN TOWNSHIP FOR THE 2009 FISCAL YEAR.**

WHEREAS, the Board of Supervisors of East Goshen Township is authorized by Section 917 of The Second Class Township Code to appoint a firm of certified public accountants to replace the elected auditors of East Goshen Township for the purpose of making an examination of all of the accounts of East Goshen Township for the 2009 fiscal year; and

WHEREAS, the Board of Supervisors of East Goshen Township caused to be advertised on Thursday, January 9, 2010 in The Daily Local, a Public Notice for Appointment of Accountant , all in accordance with Section 917 of The Second Class Township Code; and

WHEREAS, Maillie, Falconiero & Company, LLP of West Chester, Pennsylvania has submitted a proposal to perform the required audit and examination of all the accounts of East Goshen Township for the 2009 fiscal year, which proposal is deemed acceptable by the Board of Supervisors East Goshen Township.

NOW, THEREFORE, be it resolved by the Board of Supervisors of East Goshen Township, Chester County, Pennsylvania, as follows:

1. Maillie, Falconiero & Company, LLP of West Chester, Pennsylvania, is a firm of certified public accountants, is hereby appointed to replace the elected auditors of East Goshen Township for the purpose of making an examination of all of the accounts of East Goshen Township for the 2009 fiscal year. Maillie, Falconiero & Company, LLP shall have the powers given to the Board of Auditors under The Second Class Township Code, except that the audit shall be made in accordance with generally accepted auditing standards and, further, that Maillie, Falconiero & Company, LLP shall not have the power to determine compensations and they are subject to the same penalties as the elected auditors under The Second Class Township Code.

2. Maillie, Falconiero & Company, LLP shall be compensated in accordance with the proposal submitted by them for the performance of the required examinations and audits.

RESOLVED THIS 9<sup>TH</sup> day of February, 2010.

ATTEST:

East Goshen Township  
Board of Supervisors

\_\_\_\_\_  
Secretary

\_\_\_\_\_  
Chairman

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



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# Proof of Publication of Notice in the Daily Local News

Under Newspaper Advertising Act No. 587, Approved May 16, 1929

State of Pennsylvania  
County of Chester {ss:

JAN 11 2010

{No.

Term, 2010

Patricia Sigda, Legal Representative of the Daily Local News Company, a corporation, of the County and State aforesaid, being duly affirmed, deposes and says that the Daily Local News, a newspaper of general circulation, published at 250 N. Bradford, Ave., West Chester, PA, County and State aforesaid, was established November 19, 1872, and Incorporated December 11, 1911, since which date the Daily Local News has been regularly issued in said county, and that the printed notice or publication attached hereto is exactly the same as printed and published in the regular editions and issues of the said Daily Local News on the following dates viz:

January 7

A.D. 2010

Affiant further deposes that he/she is the proper person duly authorized by the Daily Local News Company, a corporation, publishers of said Daily Local News, a newspaper of general circulation, to verify the foregoing statement under oath, and that affiant is not interested in the subject matter of the aforesaid notice or advertisement, and that all allegations in the foregoing statements as to time, place and character of publication are true.

## COPY OF NOTICE OR PUBLICATION

### NOTICE

At their meeting on February 9, 2010 at 7:00 PM the East Goshen Township Board of Supervisors intend to appoint a firm of certified public accountants, who will replace the elected auditors, and will make an examination of the Township accounts for 2009.

EAST GOSHEN TOWNSHIP  
Louis F. Smith, Jr.  
Township Manager

*Patricia Sigda*

affirmed to and subscribed before me this 7

day of January 2010

*Beverly A. Wolfe*

Notary Public

Notarial Seal  
Beverly A. Wolfe, Notary Public  
East Bradford Township, Chester County  
My Commission Expires June 4th, 2013  
Member, Pennsylvania Association of Notaries

Rick Smith

East Goshen Township

1580 Paoli Pike

West Chester, PA 19380

To DAILY LOCAL NEWS COMPANY, Dr.

For publishing the notice or publication attached  
hereto on the above stated dates .....\$  
Probating same .....\$  
Total .....\$

## Publisher's Receipt for Advertising Costs

The Daily Local News Company, a corporation, publishers of the Daily Local News, a newspaper of general circulation, hereby acknowledges receipt of the aforesaid notice and publication costs and certifies that the same has been duly paid.

DAILY LOCAL NEWS, a Corporation, Publishers of the DAILY LOCAL NEWS, a newspaper of General Circulation.

WORKSHOP  
T. Spang

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**EAST GOSHEN TOWNSHIP  
MEMORANDUM**

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**TO:** BOARD OF SUPERVISORS  
**FROM:** JOE GILL, ASSISTANT MANAGER  
**SUBJECT:** SEWER BILLING  
**DATE:** 2/5/2010  
**CC:** RICK SMITH, MANAGER

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Supplemental to Supervisor McConathy's memo the following will be provided for Tuesday's discussion on Metered Billing:

1. Calculation of Fixed and Variable Components - 2009 v 2010
2. Historic Usage Summary – by Quarter by Type
3. Average Usage – by MF Type (IM, MM, Apt)
4. Average Usage – Calculation for Single Family Well Users
5. Budget Revenue Expectation by Type – 2009 v 2010

2/9/2010

**East Goshen Township  
Metered Billing Baseline**

**1. Residential individual account (SF and SF-Well):**

- a. For 2010 residential water usage will be based on the average of the 4<sup>th</sup> quarter of 2009 and 1<sup>st</sup> quarter 2010 Aqua water usage reading for each account. This ensures we have good numbers for the April 2010 billing cycle. This also reduces the issue with water spikes during the summer quarters for pool and garden use and hopefully reduces the number of new meters that residents might consider installing. The averages can be computed ahead of time and read into AMS. We will review all the data for any anomalies that need to be addressed. Some data smoothing may be required where Aqua data shows multiple quarters in one reading. These rates will apply for 4 quarters (see b. below).
- b. For 2011 and beyond we would use the 4<sup>th</sup> quarter of the previous year and 1<sup>st</sup> quarter of the current year to compute the new averages for each account for the next 4 quarters starting with the April 2011 billing cycle and repeat this process for the following years. This allows for the use of the most recent water usage data.
- c. We have three complete years of water usage (2007-2009) data in our data base so we should have a good estimate on the real numbers and what variations we might see.
- d. Each residential account is billed with a fixed component plus a variable rate based on the average customer water usage computed above.
- e. Residential well users attached to the sewer system are billed the fixed rate component plus the current average residential usage rate for these two quarters.
- f. Accounts with zero water usage during a quarter are still billed the fixed rate for the quarter.
- g. New residents are billed the fixed rate component plus the current overall average residential usage rate until their individual account rate is established.
- h. Any accounts associated with only swimming pools and/or irrigation use will not be billed for sewer.

**2. Multi-Family units - individual meter (MF-IM):**

- a. Each unit will be billed the fixed rate and a variable rate component. Customers will be billed for average water usage computed like residential.

- b. Where multiple meters are associated with complexes users will be billed for the average water usage of the complex (computed like residential) plus the fixed rate. Where a water meter serves multiple units the average water usage will be computed for that meter and applied to the individual accounts.

### 3. Multi-Family units – mass metered (MF-MM):

- a. Each unit will be billed the fixed rate and a variable rate component.
- b. Average water usage will be computed by meter similar to single family and then allocated to the users by meter serving their complex.

### 4. Apartments (one bill to owner):

- a. The owner will be billed the fixed rate component times the number of units.
- b. The owner will also be billed for the total actual water usage for the complex each quarter. While there is some variation between quarters the apartments should not have the water spike seen by SF owners. **Alternatively, we can compute the average water usage similar to single family customers.**

### 5. Commercial:

- a. Bill fixed rate plus actual water usage for each quarter as is done today.
- b. Fixed rate could be applied on a scale depending on average water usage over the previous two years. The presumption is the more water used the more demand put on the system. Base unit is 1x fixed rate component.

< 50K gallons	= 1 base unit
50 – 100K gallons	= 2 base units
101 – 500K gallons	= 3 base units
501- 999K gallons	= 4 base units
> 1 M gallons	= 5 base units

The number of users impacted by each category is shown above.

- 6. Pool accounts for multi-family and apartment complexes are currently carried under the Commercial category and are not billed for sewer. We are checking to see if there is a club house component included with these accounts in which case some sewer use will be billed.
- 7. The fixed rate component would be established annually based on the fixed costs of operating the Township sewer system. Basis would be the current year's projected budget values. The proposed fixed rate would not include any minimum water usage amount. The rate will be \$23.53. We could also provide for some water usage in this

component which would increase the fixed rate approximately \$6.50 per 1,000 gal of water included. So if we allowed for 2,000 gal of water to be included the fixed component would be ~ \$36.53. This provision would only impact customers with very low or no water use.

8. Aqua will install a second meter at a location where an existing Aqua meter exists. Aqua will read this second meter and provide the data to the Township at no additional cost. Aqua will not install a meter where existing Aqua service does not exist. If the additional meter is for pool or irrigation use the customer will not be billed.
9. For now the Township will read any additional meters that may be added by an owner for sewer billing purposes that are not installed by Aqua. Cost to do this is around \$10/meter/quarter which will be factored into the rate. If the number of meters to read begins to get excessive then the Township will look to an alternative process. We will have the Aqua meter specifications available to use for anyone wanting to install an additional meter. Aqua will not read these meters.
10. For 2010 we are allowing for a \$100,000 surplus to appear in the Sewer Operating Fund after computing the fixed and variable rates. This will help to ensure there are no significant changes in water usage that would impact the budget. There was originally a \$260K surplus projected for the fund in 2010 so this will be reduced.
11. We found three customers not currently being billed for sewer: one building at Oxford Gateway (collected past due amount), 343 Applebrook Dr. and the YMCA. The latter two accounts will be billed for past due amounts.
12. Additional information:
  - a. Water usage data:
    - i. Computed total and average water usage for each of the six categories (SF, SF-Well, MF-IM, MF-MM,, apartments and commercial) by quarter and annually for the data we have. Checked the data for outliers such as missed readings bumping up a future reading and skewing the averages. You can visually compare qtrs 1&4 with qtrs 2&3.
    - ii. Look at the number of users with minimum water usage for qtrs 4 and 1 to see if an adjustment will be needed.
    - iii. Verify with New Kent Apartments the best way to do billing. They currently have three accounts and some 20 meters so we can adjust our billing method to help the owners if they want. Or do we just use on account with the total water usage for the complex?
    - iv. We can break down Goshen Valley by Aqua meter to provide the fairest billing data.

b. AMS

- i. Run average 4/1 qtr data as a test in Feb.
- ii. Ensure format of data from the master data base can be read by AMS.  
Average water usage data will be computed and stored in the master data base.

c. Other items:

- i. Can we include Aqua account and EG account on letter to residents – either in the letter or as part of the mailing label? Aqua account number will appear on sewer bill along with EG account.
- ii. Letter to residents to be mailed around Feb 20
- iii. Post information on Web site when available.
- iv. Summary of costs to implement metered billing:
  - 1. Aqua data cost - \$0.35/quarterly record times ~4432 records equals \$1551/quarter or \$6,205/year. (only new cost to doing metered billing) Data is monthly and available electronically and hard copy.
  - 2. Postage to send out sewer bills (shared with refuse) – done today
  - 3. Cost to create/print bills (shared with Refuse) – done today
  - 4. AMS costs to modify system – less than \$500.00
  - 5. We are assuming labor is a wash in the end.
  - 6. Reading new meters - \$10/meter/quarter
  - 7. Estimate of costs to do metered billing if billing was done by Aqua - \$35,500/year. Includes:
    - a. Billing, mailing and reporting
    - b. Postage, paper and envelopes
    - c. Township would field customer calls
    - d. Provide terminal for inquiries and to post payments
    - e. Daily reports provided if needed
    - f. Monthly Billing register and Aging Report provided
    - g. Add-on costs for stuffers
    - h. Bills would be separate from Aqua water bills

Smith, Rick

HMD TEST HOLES

**From:** Rick Smith [rsmith@eastgoshen.org]  
**Sent:** Wednesday, February 03, 2010 10:26 AM  
**To:** Carmen Battavio (carmenrbattavio@aol.com); Don McConathy; Marty Shane (emshane@aol.com); senya Isayeff (senya@aesfirst.com); Thom Clapper (psuthom@verizon.net)  
**Cc:** 'Joe Gill'; 'Mark Miller'  
**Subject:** Test holes

Rich Keys can drill the holes. He can do it the end of next week. (assuming that the ground is frozen).

\$195 hour with a 5 hour minimum (\$975). To keep his price down I told him to only send the driller, which means we would need to have one or two PW people there to fill the holes in.

I would suggest drilling two holes (30 feet deep or to refusal) in the area off of Hershey Mill Road. We can then start drilling holes (15 feet deep) along the bottom of the dam. I would rill a minimum of three. If we can drill more within the five hours I would do so.

This will be on next week's agenda

Also

If you wanted more info on the soil, I spoke to Evan at Pennoni and we can have one of their soil engineers present while we where doing the drilling. We would not end up with a full blown geo-technical report, but we would end up with a write up on his assessment of the soil. Not sure what the hourly rate is for a soil engineer, but it would be additional information about the soil.

Let me know if you want me to get a proposal from Evan to have the soil engineer present?

(ATTACHMENT)

PS: I will have the hydrologic report from Advanced Geo Services this week. Copies will be in your packet.

The Natural Lands Trust report is currently be formatted by the NLT art department. We should get it in 2-3 weeks.

Rick Smith, Township Manager  
East Goshen Township

BEST CASE	\$ 2,475	(5 HRS)
WORST CASE	\$ 3,060	(8 HRS)

**Smith, Rick**

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**From:** Rick Smith [rsmith@eastgoshen.org]  
**Sent:** Wednesday, February 03, 2010 3:47 PM  
**To:** 'Andrews, Evan'  
**Cc:** 'Mark Miller'  
**Subject:** RE: Hershey Mill Dam Soils Boring Observation

Evan

It will be on the Board's agenda for next Tuesday.

Thanks

Rick Smith, Township Manager  
East Goshen Township

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**From:** Andrews, Evan [mailto:EAndrews@Pennoni.com]  
**Sent:** Wednesday, February 03, 2010 3:38 PM  
**To:** Rick Smith  
**Cc:** Mark Miller  
**Subject:** Hershey Mill Dam Soils Boring Observation

Rick;

In response to your request earlier today, Pennoni is prepared to provide the Township with an appropriately trained soils engineer/scientist to observe the borings made at the Hershey Mill Dam. Pennoni's role will be to observe and document the progress of the boring, the nature of the cuttings (soils) brought to the ground surface by the auger, and other pertinent information revealed by the boring effort. Following the field effort, Pennoni will prepare a brief letter with attachments describing our observations. This information will be used by the Township to screen alternatives to stabilize the dam and is not to be considered a geotechnical analysis and report to be relied upon for design purposes.

We are glad to be able to provide this assistance on an as-needed basis at the rates established in our annual services agreement with the Municipal Authority. We anticipate having a "project level" engineer or scientist on-site for the field work which is expected to be completed in one day. We suggest establishing a not-to-exceed budget for these services in the amount of \$1,500. for approximately 16 hours Project Engineer/Scientist time.

Please confirm that the Township would like this assistance and the date/time that the field work will be performed.

**Evan R. Andrews, P.E.**  
Senior Engineer

**Pennoni Associates Inc.**  
One Drexel Plaza  
3001 Market Street, 2<sup>nd</sup> Floor  
Philadelphia, PA 19104  
Office 215-222-3000 x3345  
Fax 215-222-0598 | Mobile 215-409-5613  
<http://www.pennoni.com> | [eandrews@pennoni.com](mailto:eandrews@pennoni.com)



Please consider the environment before printing this message.



**Smith, Rick**

H/M Dam INS.

**From:** Lafferty, John [LaffertyJ@univest.net]  
**Sent:** Wednesday, February 03, 2010 1:46 PM  
**To:** Rick Smith  
**Subject:** Deductible Quote

Hi Rick,

Thank you again for dropping off the check today. Since your policy is at minimum premium increasing the deductible will not result in a change in premium. Let me know if you have any questions.

Thanks,

John Lafferty  
CL Account Manger  
Univest Insurance  
1473 Dunwoody Drive  
West Chester, PA 19380  
(P) (484) 391-2051  
(F) (610) 251-9368  
[Laffertyj@univest.net](mailto:Laffertyj@univest.net)  
[www.univest.net](http://www.univest.net)  
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WORKSHOP  
10.  
5 pgs

**Memo**  
**East Goshen Township**  
**1580 Paoli Pike**  
**West Chester, PA 19380**  
**Voice (610) 692-7171**  
**Fax (610) 425-8950**  
**E-mail [smith@eastgoshen.org](mailto:smith@eastgoshen.org)**

Date: February 4, 2010  
To: Board of Supervisors  
From: Rick Smith, Township Manager  
Re: Hershey Mill Dam Engineering

**Background** - On September 18, 2009 we sent the RFP for the Hershey Mill Dam to 16 engineering firms and the scope of work was as follows:

***Description of Work** - The selected engineering firm (the 'Firm') will be required to provide all labor, material and equipment necessary to provide the engineering and administrative services required to obtain the required permits from DEP for the selected alternative. This would include coordination with other agencies as necessary, preparation of bid specifications, assistance with the bidding process, and recommendation of award. These services shall include at minimum the following:*

We received three responses and their cost, timeline and my comments are as follows:

ARM Group - \$42,475 - 12 weeks

In addition to the three alternatives currently under consideration they are also suggested adding a stone cap to the upstream gravity dam and using a labyrinth spillway which would be located next to the existing spillway. The labyrinth would reduce the width to one quarter of the normal spillway.

Advanced Geo Services - Concrete spillway \$85,500 - Articulated Concrete Block \$85,500 - Dam behind the Dam \$16,700 (evaluation only) - Schedule to be determined

CMX - \$69,935 - 12 weeks

Recommend a roller compacted concrete dam behind the existing dam. The estimated construction cost would be \$400,000. They would provide grant writing assistance

On November 4, 2009 we interviewed the three engineering firms. We asked all three of them for geotechnical proposals and Advanced Geo Services for a proposal to perform a hydrologic study. The cost for the geotechnical proposals ranged from \$7,450 to \$23,508. The cost for the hydrologic study was \$12,750.

On December 15, 2009 we tabled action on the geotechnical proposals and accepted the hydrologic study proposal from Advanced Geo Services. Their study (attached) indicates that there will be a reduction in the peak flow (~25%) from the 100 year storm. We will still need to modify the dam to safely pass the 100 year storm.

The residents would prefer an alternative that would keep the waterfall, trees and pond. Sheet piling or the roller compacted dam would accomplish this objective. The concrete spillway or articulated concrete block would only maintain the waterfall and pond

**Current Actions** - We intend to send a copy of the hydrologic study to PA DEP to see if they will allow us to use the lower peak flow. If they did we could then reduce the length of the concrete or articulated concrete block spillway.

We also intend to send a copy of the study to Senator Dinniman and ask him to see if PA DEP would reclassify the Dam to C-3.

Finally in order to see if a sheet piling is a viable alternative we intend to drill test holes to determine the depth to bedrock.

**Money** - We have spent or committed just over \$67,000 on the dam to date (attached). About \$17,000 was spent to develop the Emergency Action Plan. The balance (\$50,00) was spent to identify alternatives, prepare cost estimates and sediment testing.

We have submitted a request for a \$400,000 "earmark" for the Hershey Mill Dam to Congressman Sestack's office. Our \$500,000 project assumes \$100,000 for engineering, permitting & inspection, and \$400,000 for construction.

We have not identified any other funding sources, although Senator Dinniman and Representative McIlvane-Smith are looking.

We have a resident group who is going to raise money however, until an alternative is selected they do not know how much money to raise.

**Discussion** – What is the next step? As I see it we can either select a firm to do the geotechnical study or select an engineering firm to identify a solution and prosecute it.

**Recommendation** – I would suggest that we provide a copy of the hydrologic study and the test hole information to the three firms that submitted proposals and ask for updated proposals to identify a solution, then engineer a design, permit, prepare bid documents and provide bid assistance for that solution.

 **DRAFT**

February 9, 2010

Senator Andrew Dinniman  
One North Church Street  
West Chester, PA 19380

Re: Hershey's Mill Dam  
DEP Number D15-125

Dear Senator:

The Township has reviewed the breach analysis conducted by the Department of Environmental Protection and we would like to offer the following in an attempt to have the Hershey Mill Dam reclassified to C-3 and a waiver granted from the requirement that we obtain a permit for the Dam.

The class of "C" for the size classification is appropriate since the impoundment is less than 1,000 acre per feet.

However, with respect to the hazard potential category we would offer that a rating of "3" would be more appropriate for the following reasons.

On August 20, 2009, the Township drew down the impoundment behind the Hershey Mill Dam. It only took 45 minutes to drain the impoundment, and the Township Engineer determined that the volume of the water in the impoundment was 75,600 gallons. This volume equates to an average pond depth of 9½ inches based on a water surface area of 96,248 square feet.

The hazard potential is determined by two factors; "loss of life" and "economic loss".

With regards to the "loss of life" factor, the inundation map prepared by the Township Engineer indicates that no permanent structures for human habitation would be affected if the dam was breached. Accordingly, it would seem that the expected loss of life would be none.

As for the "economic loss" we would suggest that it would be minimal "with no significant effect on public inconvenience." The culverts under Greenhill Road are undersized. It is our understanding that Greenhill Road would have about 14 inches of water over it during the 100 year storm and that a breach would only increase the water level by another 3-4 inches. Therefore, it would seem that since Greenhill Road would already be under water a subsequent breach would not cause any additional public inconvenience.

We would also note that based on the recently completed study by Advanced Geo Services that the existing retention basins and road culverts in the watershed above the Dam significantly reduce the amount of run off.

495

Accordingly, based on the above rationale we would respectfully request your assistance in asking the Department reconsider its classification of the Hershey Mill Dam and classify the dam as a C-3 and grant the Township a waiver from the requirement to obtain a permit.

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

Sincerely,

 **DRAFT**

Louis F. Smith, Jr.  
Township Manager

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# Hershey Mill Dam Costs

2/4/2010

Invoice	Vendor	Charge	Item
<b>Options</b>			
4/7/08	Yerkes	\$10,670.00	Option Plans and costs
7/15/08	Rettew	\$338.66	Options, Photos and costs
8/12/08	Rettew	\$587.34	Options, Photos and costs
9/9/08	Rettew	\$968.51	Options, Photos and costs and meetings
10/7/08	Rettew	\$2,439.12	Options, Photos and costs and meetings
11/4/08	Rettew	\$1,567.07	Options, Photos and costs and meetings
11/6/08	Yerkes	\$330.00	Meeting & Options
12/2/08	Rettew	\$946.68	Meeting Attendance
12/5/08	Buckley	\$504.00	DEP's Authority
12/10/08	URS	\$3,000.00	Sediment Sampling
6/4/09	Yerkes	\$275.00	Alternative Spillway Analysis
7/15/09	Cedar Grove	\$20.00	Water test
8/6/09	Yerkes	\$275.00	Alternative Spillway analysis
8/17/09	Gannet Fleming	\$6,000.00	Cost Estimates
9/3/09	Yerkes	\$6,983.09	Photos, indunation study, costs
		<u>\$34,904.47</u>	
			\$34,904.47
<b>Emergency Action Plan</b>			
7/10/07	Yerkes	\$589.88	Inundation Study
8/7/07	Yerkes	\$1,071.38	Inundation Study
9/11/07	Yerkes	\$3,380.50	Inundation Study
10/8/07	Yerkes	\$79.88	Inundation Study
2/5/09	Yerkes	\$467.50	Inundation Study & Traffic Control Plan
4/3/09	Yerkes	\$197.50	Inundation Study & Traffic Control Plan
6/4/09	Yerkes	\$55.00	Inundation Study & Traffic Control Plan
7/6/09	Yerkes	\$1,445.00	Inundation Study & Traffic Control Plan
10/6/2009	Yerkes	\$6,275.00	Drawdown, volume, sheet piling
2/3/2010	Univest	\$2,850.00	Insurance
		<u>\$16,411.64</u>	
			\$16,411.64
<b>Notifications</b>			
9/30/08	Options Letter	\$62.00	150 letters at \$0.40
5/13/09	Tree Letter	\$62.00	150 letters at \$0.40
7/23/09	NRCS Letter	\$62.00	150 letters at \$0.40
		<u>\$186.00</u>	
			\$186.00
<b>Total Paid</b>			<b>\$51,502.11</b>
<b>Not Paid</b>			
	Advanced	\$12,750.00	
	Test Holes	\$3,000.00	
		<u>\$15,750.00</u>	
<b>Total Not Paid</b>			<b>\$15,750.00</b>
<b>Total as of 2/4/10</b>			<b>\$67,252.11</b>