

AGENDA
EAST GOSHEN TOWNSHIP
BOARD OF SUPERVISORS
Tuesday, September 1, 2015
7:00 PM

1. Call to Order
2. Pledge of Allegiance
3. Moment of Silence – Supervisor Carmen Battavio
4. Ask if anyone is recording the meeting
5. Chairman’s Report
 - a. Announce 2016 Minimum Municipal Obligation for the following Pension Plans:
 - Fire Pension Plan \$48,617
 - Township Non-Uniformed Pension Plan \$0
 - Township Non-Uniformed Defined Contribution Pension Plan \$79,748
 - Police Commission Non-Uniformed Defined Contribution Pension Plan \$9,500
6. Public Hearings - none
7. Police Report – none
 - Malvern Fire Co. – July 2015
 - Fire Marshal – none
 - Goshen Fire Co. – none
8. Financial Report – None
9. Old Business
 - a. Park Master Plan Interviews
 - Simone Collins (7:00 -7:25)
 - Thomas Comitta Associates (7:30-7:55)
 - b. Consider recommendation for 1641 Manley Road.
10. New Business
 - a. Consider authorizing Chairman to execute PennDOT Master Casting Agreement and Attachment “B”
 - b. Consider Historical Commission’s request to design plaque to honor Ben Rohrbeck
 - c. Consider authorizing Local Traffic Advisory Committee to conduct public meeting to present traffic study to Hershey Mill Estates residents and distribute ballots.
 - d. Consider removing tennis locks for the remainder of calendar year and revisit their need for 2016
 - e . Consider memo on ponds.
11. Any Other Matter - none
12. Approval of Minutes
 - a. August 4, 2015
 - b. August 11, 2015
13. Treasurer’s Report
 - a. August 27, 2015
14. Correspondence, Reports of Interest
 - a. Acknowledge 2013- 2014 Liquid Fuels Audit
 - b. Acknowledge letter indicating Sunoco Pipeline intends to apply for PA DEP permits

- 15. Public Comment – Hearing of Residents
- 16. Adjournment

The Chairperson, in his or her sole discretion, shall have the authority to rearrange the agenda in order to accommodate the needs of other board members, the public or an applicant.

Dates of Importance

Sept 07, 2015	Labor Day Township Office Closed	
Sept 09, 2015	Conservancy Board	7:00 pm
Sept 10, 2015	Historical Commission	7:00 pm
Sept 14, 2015	Municipal Authority	7:00 pm
Sept 15, 2015	Trail Open House	6:30 pm
Sept 15, 2015	Board of Supervisors Trail Plan & Alignment Update	7:00 pm
Sept 16, 2015	Futurist Committee	7:00 pm
Sept 17, 2015	Commerce Commission	7:00 pm
Sept 29, 2015	Zoning Hearing Board	7:30 pm

Newsletter Deadlines for 2015:
Winter: October 30

August 11, 2015

Mr. Louis F. Smith
Secretary
EAST GOSHEN TOWNSHIP
1580 Paoli Pike
West Chester, PA 19380

AUG 13 2015

RE: 2016 Financial Requirement and Minimum Municipal Obligation

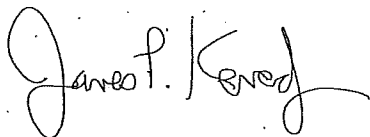
Dear Louis:

Enclosed is the Financial Requirement and Minimum Municipal Obligation (MMO) for your municipality's Pension Plan(s) for the upcoming 2016 plan year. Act 205 requires that the Chief Administrative Officer (CAO) of the pension plan(s) shall submit to the governing body of the municipality the financial requirement of the pension plan(s) for the following plan year (2016). This annual report must be presented to the governing body on or before the last business day in September (September 30, 2015).

The payroll amount used in your 2016 budget was computed by obtaining from you, the earnings for the active full-time members of the pension plan(s) as of June 30, 2015 and then doubling this figure in order to arrive at the projected annual payroll for the year in which the budget is prepared. The budgeted administrative expenses were based upon the expenses reported in the plan(s)' most recent Act 205 Actuarial Report.

These reporting requirements will be closely monitored by the Department of the Auditor General in future audits. Therefore, if you should have any questions concerning any of the above, please do not hesitate to contact our office. **Upon approval, please forward a signed copy of this budget for our records.**

Sincerely,



JAMES P. KENNEDY
President

**FINANCIAL REQUIREMENT AND MINIMUM MUNICIPAL
OBLIGATION BUDGET FOR 2016**

NAME OF MUNICIPALITY:


EAST GOSHEN TOWNSHIP

COUNTY:

CHESTER

FIRE
PENSION PLAN

1	TOTAL ANNUAL PAYROLL	\$570,000
	Estimated Payroll	
2	NORMAL COST AS A PERCENTAGE OF PAYROLL	10.79%
	(Derived from latest actuarial valuation)	1/1/15
3	TOTAL NORMAL COST	\$61,503
	(Item 1 x Item 2)	
4	AMORTIZATION REQUIREMENT	\$0
	(Derived from latest actuarial valuation)	
5	TOTAL ADMINISTRATIVE EXPENSES	\$4,488
	(Derived from latest actuarial valuation)	
6	FINANCIAL REQUIREMENT	\$65,991
	(+ Item 3 + Item 4 + Item 5)	
7	TOTAL MEMBERS CONTRIBUTIONS	\$12,826
8	FUNDING ADJUSTMENT	\$4,548
	(Derived from latest actuarial valuation)	
9	MINIMUM MUNICIPAL OBLIGATION	\$48,617
	(+ Item 6 - Item 7 - Item 8)	



Signature of Chief Administrative Officer

Date Certified to Governing Body

**FINANCIAL REQUIREMENT AND MINIMUM MUNICIPAL
OBLIGATION BUDGET FOR 2016**


NAME OF MUNICIPALITY:
COUNTY:

EAST GOSHEN TOWNSHIP
CHESTER

NON-UNIFORMED
PENSION PLAN

1	TOTAL ANNUAL PAYROLL	\$0
	Estimated Payroll	
2	NORMAL COST AS A PERCENTAGE OF PAYROLL	0.00%
	(Derived from latest actuarial valuation)	
	1/1/15	
3	TOTAL NORMAL COST	\$0
	(Item 1 x Item 2)	
4	AMORTIZATION REQUIREMENT	\$0
	(Derived from latest actuarial valuation)	
5	TOTAL ADMINISTRATIVE EXPENSES	\$5,475
	(Derived from latest actuarial valuation)	
6	FINANCIAL REQUIREMENT	\$5,475
	(+ Item 3 + Item 4 + Item 5)	
7	TOTAL MEMBERS CONTRIBUTIONS	\$0
8	FUNDING ADJUSTMENT	\$47,657
	(Derived from latest actuarial valuation)	
9	MINIMUM MUNICIPAL OBLIGATION	\$0
	(+ Item 6 - Item 7 - Item 8)	

NOTE: Since the actuarial value of assets exceeds the actuarial present value of future benefits,
there is no financial requirement or municipal obligation required for the year 2016



Signature of Chief Administrative Officer

Date Certified to Governing Body

August 11, 2015

Mr. Louis F. Smith
Secretary
EAST GOSHEN TOWNSHIP
1580 Paoli Pike
West Chester, PA 19380

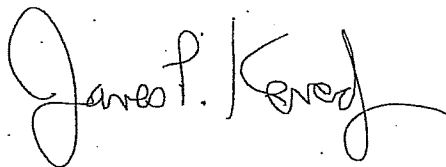
RE: 2016 Financial Requirement and Minimum Municipal Obligation

Dear Lewis:

Enclosed is the Financial Requirement and Minimum Municipal Obligation (MMO) for your municipality's Pension Plan(s) for the upcoming 2016 plan year. Act 205 requires that the Chief Administrative Officer (CAO) of the pension plan(s) shall submit to the governing body of the municipality the financial requirement of the pension plan(s) for the following plan year (2016). This annual report must be presented to the governing body on or before the last business day in September (September 30, 2015).

If you should have any questions concerning any of the above, please do not hesitate to contact me. **Upon approval, please forward a signed copy of this budget for our records.**

Sincerely,



JAMES P. KENNEDY
President

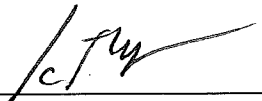
**FINANCIAL REQUIREMENT AND MINIMUM MUNICIPAL
OBLIGATION BUDGET FOR 2016**

NAME OF MUNICIPALITY:
COUNTY:

EAST GOSHEN TOWNSHIP
CHESTER

NON-UNIFORMED
DEF. CONT.

1. TOTAL ANNUAL PAYROLL (Estimated payroll)	1,500,960
2. RATE OF CONTRIBUTION AS A % OF PAYROLL (Derived from latest actuarial valuation) 1/1/15	5.00%
3. TOTAL CONTRIBUTION COST (Item 1 times Item 2)	75,048
4. TOTAL ADMINISTRATIVE EXPENSES	4,700
5. TOTAL FINANCIAL REQUIREMENT (+Item 3 +Item 4)	79,748
6. MINIMUM MUNICIPAL OBLIGATION	79,748



Signature of Chief Administrative Officer

Date Certified to Governing Body

**FINANCIAL REQUIREMENT AND MINIMUM MUNICIPAL
OBLIGATION BUDGET FOR 2016**

NAME OF MUNICIPALITY:

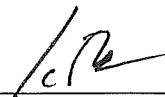
EAST GOSHEN TOWNSHIP

COUNTY:

CHESTER

NON-UNIFORMED(COMM)
DEF. CONT.

1. TOTAL ANNUAL PAYROLL (Estimated payroll)	190,000
2. RATE OF CONTRIBUTION AS A % OF PAYROLL (Derived from latest actuarial valuation) 1/1/15	5.00%
3. TOTAL CONTRIBUTION COST (Item 1 times Item 2)	9,500
4. TOTAL ADMINISTRATIVE EXPENSES	0
5. TOTAL FINANCIAL REQUIREMENT (+Item 3 +Item 4)	9,500
6. MINIMUM MUNICIPAL OBLIGATION	9,500



Signature of Chief Administrative Officer

Date Certified to Governing Body

**Malvern Fire Company EMS
2015 Statistics**

2015		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Totals
Calls		238	212	234	237	222	243	225						1611
Call Types	Emer. Transfer	0	0	0	0	0	0	0						0
	Event Standby	0	0	0	0	0	0	0						0
	Fire	6	9	11	14	22	13	17						92
	Medical	221	196	211	217	190	218	200						1453
	MVA	11	6	12	6	9	12	8						64
	Relocate	0	1	0	0	0	0	0						1
	Routine	0	0	0	0	1	0	0						1
	Strike	0	0	0	0	0	0	0						0
ALS/BLS	ALS	178	158	168	173	149	169	141						1136
	BLS	60	54	66	64	73	74	84						475
Municipalities	Charlestown Twp.	6	8	11	1	3	7	6						42
	E. Goshen Twp.	59	40	41	49	39	49	47						324
	E. Whiteland Twp.	28	26	33	33	40	35	26						221
	Easttown Twp.	3	1	3	2	3	1	2						15
	Honey Brook Twp.	1	0	0	0	0	0	0						1
	Malvern Boro.	20	19	27	21	18	24	21						150
	Out of County	1	4	0	0	0	0	0						5
	Tredyffrin Twp.	30	15	13	19	21	17	12						127
	W. Goshen Twp.	3	4	1	1	1	0	0						10
	W. Pikeland Twp.	0	0	1	0	0	1	0						2
	W. Whiteland Twp.	0	1	0	0	0	0	1						2
	Westtown Twp.	7	0	0	1	1	0	1						10
Willistown Twp.	80	94	104	110	96	109	109						702	
Hospital - Outcome	AI	0	0	1	1	0	0	0						2
	BMH	4	2	2	0	3	1	1						13
	BMRH	0	0	0	0	1	0	0						1
	CCH	9	11	10	15	7	11	13						76
	Care Transferred	0	0	0	1	0	0	0						1
	Fire Standby	5	10	11	14	17	13	17						87
	Heli	0	0	0	0	1	0	0						1
	Lift Assist	2	6	7	0	2	1	2						20
	No Services	12	13	9	12	14	13	9						82
	PMH	158	133	167	163	145	166	147						1079
	PVH	0	1	1	0	0	0	1						3
	Public Service	0	0	0	0	2	0	0						2
	Recalled	39	25	20	27	20	26	30						187
	Refusals	5	5	4	2	9	7	3						35
	Released to BLS	0	2	0	2	1	2	1						8
	RH	0	2	0	0	0	0	0						2
	Tx/No Transport	4	2	2	0	0	3	1						12
Assist/Assisted	Berwyn	5	1	2	3	6	0	3						20
	Elverson	1	0	0	0	0	0	0						1
	E. Whiteland	32	25	34	24	33	37	26						211
	GFAC	4	2	0	0	1	1	2						10
	Goshen	54	39	42	49	34	44	43						305
	Kimberton	0	2	0	0	0	1	0						3
	Medic 91	2	2	0	0	1	0	3						8
	Newtown Square	0	0	0	0	1	0	1						2
	Out of Area	1	0	0	0	0	0	0						1
	Paoli	45	24	24	36	25	30	22						206
Washington Hose	0	0	0	0	1	0	1						2	



Malvern Fire Company

424 East King Street
Malvern, PA 19355

Main 610-647-0693
Fax 610-647-0249

www.malvernfireco.com

Monthly Fire Operations Report - July 2015

Calls for Month: 37		Year Total: 215		
Call Type	Malvern	Willistown	East Goshen	Other
Automatic Fire Alarm	7	15	0	0
EMS Assist	1	1	0	0
Fuel Spill	1	0	0	0
Gas Leak - Inside	0	0	0	1
Investigation - Inside	1	1	0	0
Motor Vehicle Accident	0	1	0	1
Structure Fire	0	1	1	4
Vehicle	1	0	0	0
MONTH TOTAL	11	19	1	6
YEAR TOTAL	59	115	7	34

Mutual Aid	Given	Received	Month Total	Year Total
Berwyn Fire Co.	2	1	3	9
CCH Medic 91	0	0	0	1
East Whiteland Fire Co.	3	1	4	26
Fame Fire Co.	0	0	0	1
Goshen Fire Co.	2	1	3	17
Goodwill Fire Co.	0	0	0	2
Kimberton Fire Co.	0	0	0	1
Lionville Fire Co.	0	0	0	3
Newtown Sq. Fire Co.	0	0	0	2
Paoli Fire Co.	0	1	1	9
Radnor Fire Co.	0	0	0	4
Uwchlan EMS	0	0	0	1
West Whiteland Fire Co.	0	0	0	1

Total Value of Property & Contents	Total Month Loss	Total Year Loss	Total Saved
\$2,575,000	\$1,200	\$476,200	\$2,098,800

Number of Personnel Attending Calls	Year Total	Hours in Service	Year Total
278	1,632	125.48	1,057.10

Number of Training Sessions	Year Total	Hours in Service	Year Total
3	33	70.5	902.75

Number of Special Assignments	Year Total	Hours in Service	Year Total
13	26	834.5	1,036.5

Total Hours in Service (Month)	Total Hours in Service (Year)
1030.48	2,996.35

Memo

East Goshen Township

Date: August 26, 2015
To: Board of Supervisors
From: Rick Smith, Township Manager
Re: 1641 Manley Road

On April 22, 2014 Bill Mullray received approval to construct a single family dwelling on a lot at 1641 Manley Road. Since he was proposing to remove more than 20% of the trees on a wooded lot §205-61 of the Township Code requires him to plant replacement trees on an inch for inch basis for any trees removed over the 20%. The Code mandates three inch replacement tree unless a smaller size is specifically approved by the Board. The Board approved two inch trees in order to reduce the expense to Mullray. Since Mullray removed 123 inches of trees he was required to plant 62 two inch trees. The Code requires the replacement trees to be planted on the lot being developed or at some other location approved by the Board. The new owner of 1641 did not want the replacement trees.

Mr. and Mrs. Ed Last own the property immediately east of 1641 Manley Road. In order to obtain sight distance for the driveway for the new home, Mullray had to remove a number of trees that were located within the right of way of Manley Road. The trees that were removed screened the Last's home from Manley Road and the Last's would like to have this screening restored.

I previously recommended that the Board require Mullray to plant 20 trees on the Last's property in order to restore the screening and that the Conservancy Board and Park & Recreation Commission each be given 21 trees to be planted at locations of their choosing.

At your meeting on July 21, 2015 the Board tabled action on this matter pending receipt of the locations were the Conservancy Board and Park & Rec Commission would plant their respective trees.

The Conservancy Board intends to plant their trees in the Open Space on East Boot Road. The Park & Rec Commission did not make a decision. They wanted to wait for the Conservancy Board, in order to avoid any conflict, and I expect they will make a decision at their meeting on September 3rd.

Mullray has \$31,355.77 remaining in the escrow account for this project. He would like to close out this project. The only outstanding items are confirmation that the sight distance is in compliance with the approved plan and planting the replacement trees.

Suggested Motion: I move that we authorize Bill Mullray to plant 20 trees on the Last property, 21 trees in the Open Space on East Boot Road as recommended by the Conservancy Board and 21 trees at locations chosen by the Park & Recreation Commission. And furthermore, that we authorize the release of the balance of funds on the escrow account once the trees have been planted, staked and initially watered; and the Code Department confirms that the sight distance is in compliance.

Cc: Ed Last
Bill Mullray

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

Voice (610) 692-7171

Fax (610) 692-8950

E-mail rsmith@eastgoshen.org

Date: August 21, 2015

To: Board of Supervisors

From: Rick Smith, Township Manager

Re: Penn DOT Master Casting Agreement

Penn DOT will be opening bids for the repaving on Greenhill Road, in mid-September and the road will be paved this fall. We have four sanitary sewer manholes in Greenhill Road, which will need to be raised. It is more cost effective to have Penn DOT raise the manholes as part of their paving contract.

Accordingly, we need to enter into an agreement with Penn DOT in order to have this work incorporated into the project.

Suggested Motion: I move that we adopt Resolution 2015-72 and authorize the Chairman to execute the Master Casting Agreement and Attachment B with Penn DOT.

UCL43M

2015-72

MUNICIPAL RESOLUTION

BE IT RESOLVED by authority of the BOARD OF SUPERVISORS
(Borough Council, Board of Supervisors, etc.)

of ~~the~~ EAST GOSHEN TOWNSHIP
(Name of Municipality)

CHESTER
(Name of County)

County, and it is hereby resolved by authority of the same, that

the CHAIRMAN of said Municipality/
(Chairman or Designated Title)

Authority be authorized and directed to sign the attached

Agreement on its behalf and the TOWNSHIP SECRETARY
(Sec. or Designated Title)

be authorized and directed to attest the same.

ATTEST:

EAST GOSHEN TOWNSHIP
(Name of Municipality)

-

(Signature and Title)

BY

(Signature and Title)

I, LOUIS F SMITH, JR TOWNSHIP SECRETARY of the

EAST GOSHEN TOWNSHIP do hereby certify that

the foregoing is a true and correct copy of the Resolution

adopted

at a regular meeting of the

held the _____ day of _____ 20 _____

DATE: _____

(SEAL)

PA DOT MASTER CASTING AGREEMENT

**MASTER AGREEMENT FOR ADJUSTMENT OF
INCORPORATED UTILITY FACILITIES**

2014-2017

THIS AGREEMENT, numbered 0601078 in COMMONWEALTH files, made and entered into this _____ day of _____, by and between the COMMONWEALTH of Pennsylvania, acting through the Department of Transportation, hereinafter called the COMMONWEALTH,

A N D

East Goshen Township, a Legal Entity qualified to do business in the COMMONWEALTH of Pennsylvania, with its principal place of business located at 1580 Paoli Pike, West Chester, PA 19380, acting through its proper officials hereinafter called UTILITY.

W I T N E S S E T H

WHEREAS, the COMMONWEALTH proposes to improve, construct and/or reconstruct Section(s) of certain State Routes within the Counties of Bucks, Chester, Delaware and Montgomery located within Engineering District Number 6-0, Pennsylvania, pursuant to plans and specifications prepared or approved therefore by and on file with the Pennsylvania Department of Transportation; and,

WHEREAS, in the course of COMMONWEALTH'S project, certain of UTILITY'S castings may require adjustment and/or replacement; and,

WHEREAS, UTILITY may request COMMONWEALTH to include within said improvement and/or construction project the adjustment of certain of its castings by the execution of a Project Letter Agreement for each individual project, a copy of which is attached hereto as Attachment "B"; and,

WHEREAS, at the COMMONWEALTH'S option, the COMMONWEALTH is willing to include in such improvement and/or construction project, the requested casting adjustments, subject to reimbursement by the UTILITY; and,

WHEREAS, such adjustment(s) shall be made in accordance with and subject to the provisions of 67 PA Code, Chapter 459, Pennsylvania Department of Transportation Regulations Governing Occupancy of Highways by Utilities.

WHEREAS, all utility work performed pursuant to this Agreement must comply with the "Buy America" provisions in 23 U.S.C. §313 and 23 CFR Part 635.410.

NOW, THEREFORE:

In consideration of the foregoing premises and the mutual promises hereinafter set forth, and with intent to be legally bound hereby, the Parties hereto agree as follows:

1. If UTILITY desires to include the adjustment of all or a certain number of its castings in COMMONWEALTH'S improvement and/or construction project, UTILITY will execute a Letter Agreement, setting forth its requested adjustments, in the form which is attached hereto and incorporated herein as Attachment "B".

2. COMMONWEALTH will, at its option, provide for the adjustment of the UTILITY'S castings in accordance with the terms and conditions hereof.

3. Where replacement of castings is required, UTILITY shall provide the castings and deliver them on the site for installation by the COMMONWEALTH, subject to Paragraphs 4 and 5 of this Agreement.

4. The COMMONWEALTH shall perform the work required to adjust the castings to the proper elevation, on a full brick and mortar bed, in the following Counties: Bucks, Chester, Delaware and Montgomery at the following costs:

Type A - One-step adjustment of casting – applies where change in grade:

- (1) Does not exceed 3 inches or
- (2) Exceeds 3 inches but protrusion into roadway of casting reset to proposed final grade does not present a hazard to vehicular traffic.

Type B - Two-step adjustment of casting – applies where change in grade:

- (1) Exceeds 3 inches and
- (2) Protrusion into roadway of casting reset to proposed final grade presents a hazard to vehicular traffic.

Type C - One piece fabricated adjustable riser with one turnbuckle.

For adjustments of 0 inch to 3 inches.

Type D - One piece fabricated adjustable riser with one turnbuckle.

Adjustments greater than 3 inches.

9999-9950 0 to 15 inch diameter Casting Adjustment for Resurfacing - Type A - Concrete Base

Amount \$484.00 each (Contract Item No. 9999-9950)

9999-9951 0 to 15 inch diameter Casting Adjustment for Resurfacing - Type A - Flexible Base

Amount \$464.00 each (Contract Item No. 9999-9951)

9999-9952 16 to 36 inch diameter Casting Adjustment for Resurfacing - Type A - Concrete Base

Amount \$553.00 each (Contract Item No. 9999-9952)

- 9999-9963 0 to 15 inch diameter Casting Riser Adjustment - Type C
Amount \$250.00 each (Contract Item No. 9999-9963)
- 9999-9964 16 to 54 inch diameter Casting Riser Adjustment - Type C
Amount \$404.00 each (Contract Item No. 9999-9964)
- 9999-9965 0 to 15 inch diameter Casting Riser Adjustment - Type D
Amount \$279.00 each (Contract Item No. 9999-9965)
- 9999-9966 16 to 54 inch diameter Casting Riser Adjustment - Type D
Amount \$465.00 each (Contract Item No. 9999-9966)
- 9999-9967 201 Box Adjustment for Resurfacing
Amount \$808.00 each (Contract Item No. 9999-9967)

NOTE: Where agreed, the COMMONWEALTH shall purchase certain castings and perform any necessary work in accordance with the Department of Transportation's Publication 408 (2003), Section 104.03 titled "Extra Work" and the COMMONWEALTH shall be reimbursed by UTILITY in accordance with aforesaid section.

An example of the bid items for the above as they will appear in the Highway Contract is attached to this Agreement and incorporated herein as Attachment "A".

5. If UTILITY determines prior to bidding or during the course of construction, that one or more of its castings require replacement, the UTILITY may authorize the COMMONWEALTH to acquire the casting(s) on the open market or from the UTILITY.

6. Upon completion of the work by the COMMONWEALTH to the satisfaction of the UTILITY, the COMMONWEALTH shall certify to the UTILITY the adjustment costs, and the UTILITY shall pay to the COMMONWEALTH said costs within 60 days of receipt of an invoice from COMMONWEALTH.

7. Where the UTILITY supplies materials to the COMMONWEALTH, and/or performs any additional work either with its own contractor or its own forces, the UTILITY shall cooperate with the COMMONWEALTH in such a manner as not to interfere with or hinder the progress of the COMMONWEALTH'S construction and/or improvement project. In this connection, UTILITY will indemnify, save harmless and, if requested, defend the COMMONWEALTH, and all of its officers, agents and employees from losses resulting from any suits, actions or claims of any character, name and description, brought for or on account of any injuries or damages received or sustained by any person, persons, or property, during or as a result of the performance of the work on the aforesaid construction and improvement project if and only to the extent that the cause of such injury or damage is determined with finality to have been the conduct of UTILITY or UTILITY'S contractor, servants, agents and employees, whether the same be due to the use of defective materials, defective workmanship, neglect in safeguarding the work or to any act, omission, neglect or misconduct of UTILITY'S contractor, servants, agents and employees during the performance of said work.

8. (a) In the event of a controversy or claim arising from this Agreement, the UTILITY must, within six (6) months after the cause of action accrues, file a written notice of controversy or claim with the COMMONWEALTH'S Contracting Officer, identified below, for a determination. The Contracting Officer shall send his written determination to the UTILITY. The decision of the Contracting Officer shall be final and conclusive unless, within thirty (30) days after receipt of such written determination, the UTILITY then files a claim with the Board of Claims of the Commonwealth of Pennsylvania. Pending a final judicial resolution of a controversy or claim, the UTILITY shall proceed diligently with the performance of the Agreement in a manner consistent with the interpretation of the Contracting Officer; and the UTILITY shall compensate the COMMONWEALTH pursuant to the terms of the Agreement.

(b) The Contracting Officer for this Agreement is
District Executive
Pennsylvania Department of Transportation
Engineering District 6-0
7000 Geerdes Blvd
King of Prussia, PA, 19406

(c) In accordance with Section 1724(a)(2) of the Commonwealth Procurement Code, as amended, 62 Pa. C.S. § 1724(a)(2), the parties hereto expressly agree to utilize the Board of Claims to arbitrate disputes arising from this Agreement. If the UTILITY is dissatisfied with a final determination issued by the Contracting Officer in accordance with Paragraph 8(a), then it may file a statement of claim with the Board of Claims within six (6) months of the issuance of the Contracting Officer's determination or within six (6) months of the date the claim is deemed denied, whichever occurs first, as provided by Sections 1724(c) and 1725(a) of the Commonwealth Procurement Code, as amended, 62 Pa. C.S. §§ 1724(c), 1725(a).

9. Where the COMMONWEALTH performs casting adjustments by its contractor as provided above, the COMMONWEALTH agrees to require its contractor to indemnify and save the UTILITY and all of its officers, agents, and employees harmless from all suits, actions, or claims of any character, name, and description, relating to personal injury or property damage received or sustained during the performance of the work on the Project by or from the COMMONWEALTH'S contractor, its officers, agents, and employees, whether the same be due to the use of defective materials, defective workmanship, neglect in safeguarding the work or by or on account of any act, omission, neglect, or misconduct of the contractor, its officers, agents, and employees during the performance of said work and during the effective period of this Agreement.

Notwithstanding the arbitration provision in Paragraph 8, where the COMMONWEALTH performs casting adjustments by its own forces as provided above, the COMMONWEALTH agrees to pay for any loss, liability, or expense, related to any personal injury or property damage claim, which arises out of or relates to the COMMONWEALTH'S acts or omissions with respect to such work, where a final determination of liability on the part of the COMMONWEALTH is established by a court of law or where settlement has been agreed to by the COMMONWEALTH. This provision shall not be construed to limit the COMMONWEALTH'S rights, claims, or defenses which arise as a matter of law or pursuant to any other provision of this Agreement. This provision shall not be construed to limit the sovereign immunity of the COMMONWEALTH.

10. It is agreed by the Parties hereto that, upon completion of said improvement and construction project, the aforesaid UTILITY facilities affecting the section of State highway so improved shall be subject to the terms and conditions of the COMMONWEALTH'S existing permit issued to UTILITY therefor and that UTILITY shall maintain and keep in good repair the said facilities adjusted under the terms of this Agreement in accordance with applicable State laws, except as otherwise provided hereafter.

11. Notwithstanding anything contained herein to the contrary in the event the Pennsylvania Public Utility Commission assumes jurisdiction of a specific project under the Public Utility Code of 1978, Act of July 1, 1978, P.L. 598, as amended, the Parties hereto agree to be bound by any orders of the Commission or decisions of an appropriate tribunal after the exhaustion of all appeals from such orders.

12. In the event that the UTILITY withdraws its request at a time subsequent to the awarding of the contract for construction, then in that case the UTILITY shall reimburse COMMONWEALTH for all necessary costs, if any, incurred by the COMMONWEALTH for necessary labor and materials, if any, employed in the adjustment of the UTILITY'S castings up to the time of withdrawal. UTILITY shall also be responsible for the cost of necessary materials ordered by the COMMONWEALTH for adjustment of the UTILITY'S castings prior to UTILITY'S withdrawal if the order for said materials cannot be cancelled and if the materials cannot be used elsewhere in the project. Costs incurred by the COMMONWEALTH for engineering requested by UTILITY shall be reimbursed to COMMONWEALTH by separate agreement.

13. In the event COMMONWEALTH decides not to construct the project or decides to delay the construction beyond the contemplated construction season, upon notification in writing to UTILITY of such cancellation or delay, the Project Letter Agreement (Attachment B) shall become null and void and neither Party shall be responsible to the other for any further costs. The failure of the COMMONWEALTH to give such notice in writing may be waived by the UTILITY and shall not preclude the discharge of UTILITY from all its obligations hereunder.

14. In the event COMMONWEALTH elects to adjust UTILITY'S castings with its own forces, rather than by contract, notice thereof in writing shall be given UTILITY by COMMONWEALTH, and UTILITY shall have the right to cancel or withdraw its agreement to have COMMONWEALTH include the adjustment of UTILITY'S castings in COMMONWEALTH'S improvement and/or construction project.

15. The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101—3104, applies to this Agreement. Therefore, this Agreement is subject to, and **East Goshen Township** shall comply with, the clause entitled Contract Provisions – Right to Know Law 8-K-1532, attached as **Attachment “C”** and made a part of this Agreement. As used in this Agreement, the term “Contractor” refers to **East Goshen Township**.

16. It is further agreed that casting adjustment costs set forth in Paragraph 4 shall take effect for projects let by the COMMONWEALTH from October 1, 2014, and shall continue through September 30, 2017. This agreement shall not exceed a three year term.

IN WITNESS WHEREOF, the COMMONWEALTH and the UTILITY have caused this Agreement to be duly executed, ensealed and attested by their proper officials, pursuant to due and legal action authorizing the same to be done, the day and year first above written.

ATTEST:

EAST GOSHEN TOWNSHIP

by _____
Signature Date

by _____
Signature Date

Title

Title

If a Corporation, the President or Vice President must sign and the Secretary, Treasurer, Assistant Secretary or Assistant Treasurer must attest; if a sole proprietorship, only the owner must sign; if a partnership, only one partner need sign; if a limited partnership, only the general partner must sign.

If a Municipality or Authority a resolution for signature authority must be attached.

=====

Do not write below this line – for Commonwealth use only

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION**

by _____
District Utility Manager Date

**APPROVED AS TO LEGALITY
AND FORM**

PRELIMINARILY APPROVED

by _____
Chief Counsel Date

by _____
Assistant Counsel Date

by _____
Deputy Attorney General Date

Funds Commitment Document Number _____

by _____
Deputy General Counsel Date

Certified Funds Available under SAP
Number _____

SAP Cost Center _____

GL Account _____

Amount _____

\$ _____

SAP Vendor Number _____

Preapproved form:
GC No. 18-FA-52.1
Appv'd OAG 04/16/2014

by _____
Signature Date
Comptroller

**ATTACHMENT A
2014-2017**

ITEM 9999-9950	0 to 15 inch diameter Utility Casting Adjustment for Resurfacing - Type A - Concrete Base
9999-9951	0 to 15 inch diameter Utility Casting Adjustment for Resurfacing - Type A - Flexible Base
9999-9952	16 to 36 inch diameter Utility Casting Adjustment for Resurfacing - Type A - Concrete Base
9999-9953	16 to 36 inch diameter Utility Casting Adjustment for Resurfacing - Type A - Flexible Base
9999-9954	37 to 54 inch diameter Utility Casting Adjustment for Resurfacing - Type A - Concrete Base
9999-9955	37 to 54 inch diameter Utility Casting Adjustment for Resurfacing - Type A - Flexible Base

This work shall consist of the resetting or grade adjustment of an existing utility casting for a vertical height of 8 inches or less, in accordance with Section 606 (Grade Adjustment of Existing Miscellaneous Structures) and within reasonably close conformity to the lines and grades shown on the drawings or established by the engineer. The casting diameter shall be determined by measuring the diameter of the lid. The base course replaced shall be of the same type removed, either concrete or flexible.

The resetting or adjustment shall be completed in a one-step operation with no temporary work anticipated. Any other change to castings shall be the responsibility of the contractor and shall be repaired or replaced at his expense.

The existing castings shall be carefully removed and cleaned, the casting reset to the proper elevation on a brick and mortar bed in accordance with (the Utility Company's specifications if attached) Section 606. Inserts, extensions or risers are not acceptable under this item. Castings requiring replacement will be provided for and delivered to the site by the Utility Company for installation by the contractor.

This item will not include any adjustment to the conical section of a manhole. That work, if required, will be paid under Item 9999-9962 Utility Manhole Neck Rebuilding.

This work will be measured by the unit each, after completion and acceptance by the Utility and the Department.

This work will be paid for at the respective predetermined contract unit price each, which price will be indicated in the proposal by the Department, complete in place as specified.

ATTACHMENT A (cont'd)
2014-2017

ITEM 9999-9956	0 to 15 inch diameter Utility Casting Adjustment for Resurfacing - Type B - Concrete Base
9999-9957	0 to 15 inch diameter Utility Casting Adjustment for Resurfacing - Type B - Flexible Base
9999-9958	16 to 36 inch diameter Utility Casting Adjustment for Resurfacing - Type B - Concrete Base
9999-9959	16 to 36 inch diameter Utility Casting Adjustment for Resurfacing - Type B - Flexible Base
9999-9960	37 to 54 inch diameter Utility Casting Adjustment for Resurfacing - Type B - Concrete Base
9999-9961	37 to 54 inch diameter Utility Casting Adjustment for Resurfacing - Type B - Flexible Base

This work shall consist of the resetting or grade adjustment of an existing utility casting for a vertical height of 8 inches or less, in accordance with Section 606 (Grade Adjustment of Existing Miscellaneous Structures) and within reasonably close conformity to the lines and grades shown on the drawings or established by the engineer. The casting diameter shall be determined by measuring the diameter of the lid. The base course replaced shall be of the same type removed, either concrete or flexible.

The adjustment (resetting) will be completed in a two-step operation when a casting reset at the proposed final grade will protrude more than 3 inches and may cause damage to vehicular traffic or be a safety hazard prior to paving. The first adjustment will be to a temporary grade that will permit traffic to move safely over the casting. The second adjustment will be to the final grade for paving. The contractor is permitted to use steel plates in lieu of the temporary (first) adjustment for a period not exceeding five calendar days. The contractor shall be required to provide a means of access to each utility facility so that one man may enter the facility within 30 minutes without special equipment or tools. The facility location and name of utility shall be temporarily marked for emergency use. Any other change to the castings shall be the responsibility of the contractor and shall be repaired or replaced at his expense.

The existing castings shall be carefully removed and cleaned, the casting reset to the proper elevation on a brick and mortar bed in accordance with the utility specifications if attached or with Section 606. Inserts, extensions or risers are not acceptable under this item. Castings requiring replacement will be provided for and delivered to the site by the Utility Company for installation by the contractor.

This item will not include any adjustment to the conical section of a manhole. That work, if required, will be paid under Item 9999-9962 Utility Manhole Neck Rebuilding.

This work will be paid for at the respective predetermined contract unit price each, which price will be indicated in the proposal by the Department complete in place as specified.

ATTACHMENT A (cont'd)
2014-2017

ITEM 9999-9962 Utility Manhole Neck Rebuilding

This work shall consist of rebuilding manhole necks any size or type for a vertical distance in excess of eight inches and resetting the existing casting within reasonable close conformity to the lines and grades shown on the drawings or established by the engineer. Only those requiring rebuilding, as determined by the Utility Company and engineer, will be measured for payment.

The existing casting will be carefully removed and cleaned. The neck shall be adjusted using brick and mortar as required. The casting shall then be set and sealed with mortar on the neck at the proper elevation for paving. If the utility and the engineer determine that the existing manhole deck is in unsatisfactory condition or cannot be adjusted, then the neck shall be removed and rebuilt as required. Any exposed brick shall be parged. All work shall be in accordance with (the Utility Company's specifications if attached) Section 600 (Incidental Construction).

This work shall be measured by the vertical foot with a minimum measurement of one foot. Where a manhole is rebuilt for a height of more than one foot, the additional height will be measured and paid to the next foot.

This work will be paid for at the respective predetermined contract unit price each, which price will be indicated in the proposal by the Department, complete in place as specified.

**ITEM 9999-9963 0 to 15 inch diameter Utility Casting
Adjustment for Resurfacing - Type C**

**9999-9964 16 to 54 inch diameter Utility Casting
Adjustment for Resurfacing - Type C**

This work shall consist of the resetting or grade adjustment of an existing utility casting by means of a one-piece prefabricated adjustment riser for a vertical height of greater than 0 inches and less than 3 inches in accordance with Section 606 (Grade Adjustment of Existing Miscellaneous Structures) and within reasonable close conformity to the lines and grades shown on the drawing or established by the engineer. The casting diameter shall be determined by measuring the diameter of the lid.

The resetting or adjustment shall be completed in a one-step operation with no temporary work anticipated. Any other change to casting shall be the responsibility of the contractor and shall be repaired or replaced at his expense.

This work will be paid for at the respective predetermined contract unit price each, which price will be indicated in the proposal by the Department, complete in place as specified.

ATTACHMENT A (cont'd)
2014-2017

- ITEM 9999-9965 0 to 15 inch diameter Utility Casting
Adjustment for Resurfacing - Type D
- 9999-9966 16 to 54 inch diameter Utility Casting
Adjustment for Resurfacing - Type D
-

This work shall consist of the resetting or grade adjustment of an existing utility casting by means of a one-piece prefabricated adjustment riser for a vertical height of greater than 3 inches and less than 4 inches in accordance with Section 606 (Grade Adjustment of Existing Miscellaneous Structures) and within reasonable close conformity to the lines and grades shown on the drawing or established by the engineer. The casting diameter shall be determined by measuring the diameter of the lid.

The resetting or adjustment shall be completed in a one-step operation with no temporary work anticipated. Any other change to casting shall be the responsibility of the contractor and shall be repaired or replaced at his expense.

This work will be paid for at the respective predetermined contract unit price each, which price will be indicated in the proposal by the Department, complete in place as specified.

- Item 9999-9967 201 Box Adjustment for Resurfacing
-

This work shall consist of the resetting or grade adjustment of an existing utility 201 Box casting, in accordance with Section 606 (Grade Adjustment of Existing Miscellaneous Structures) and within reasonably close conformity to the lines and grades shown on the drawings or established by the engineer. The base course replaced shall be of the same type removed, either concrete or flexible.

The adjustment (resetting) will be completed in a two-step operation when a casting reset at the proposed final grade will protrude more than 3 inches and may cause damage to vehicular traffic or be a safety hazard prior to paving. The first adjustment will be to a temporary grade that will permit traffic to move safely over the casting. The second adjustment will be to the final grade for paving. The contractor is permitted to use steel plates in lieu of the temporary (first) adjustment for a period not exceeding five calendar days. The contractor shall be required to provide a means of access to each utility facility so that one man may enter the facility within 30 minutes without special equipment or tools. The facility location and name of utility shall be temporarily marked for emergency use. Any other change to the castings shall be the responsibility of the contractor and shall be repaired or replaced at his expense.

The existing casting will be carefully removed and cleaned, the casting reset to the proper elevation in accordance with the utility specifications if attached or with Section 606 (Grade Adjustment of Existing Miscellaneous Structures). Inserts, extensions or risers are not acceptable under this item. Castings requiring replacement will be provided for and delivered to the site by the Utility Company for installation by the contractor.

This work will be paid for at the respective predetermined contract unit price each, which price will be indicated in the proposal by the Department complete in place as specified.

Purchase of Sewer and Water Castings

Where it is determined prior to the Notice to Proceed Date, that the sewer and water castings are needed for adjustments due to type of resurfacing alternate selected, the contractor will be ordered to purchase the castings and will be reimbursed the amount of the invoice price plus ten percent for handling.

Where it is determined during construction, that the sewer and water castings are needed for adjustments, and upon concurrence by the Utility Company, the contractor will be ordered to purchase the castings in accordance with Section 104.03 (Extra work).

The existing casting shall be carefully cleaned, the casting adjusted to the proper elevation by placing the riser over the cover for initial fit and 100% contact, then tighten the turnbuckle with wrench for swedge fit in accordance with (the Utility Company's specifications if attached) Section 606. Turnbuckle will be installed so as not to protrude into manhole crawl area.

Only one (1) riser will be applied to each casting adjustment and will not be applied to existing risers.

Units with two-piece risers, vertical elevating bolts, or with more than one (1) turnbuckle will not be accepted.

This item will not include any adjustment to the conical section of a manhole. That work, if required, will be paid under Item 9999-9962 Utility Manhole Neck Rebuilding.

This work will be measured by the unit each, after completion and acceptance by the Utility and the Department.

This work will be paid for at the respective predetermined contract unit price each, which price will be indicated in the proposal by the Department, complete in place as specified.

Agreement No.
SAP Customer No.

ATTACHMENT B
2014-2017 PROJECT LETTER AGREEMENT
Incorporated Work

This Project Letter Agreement, numbered _____ in COMMONWEALTH files, made and entered into this _____ day of _____, between the undersigned Parties pursuant to the terms and conditions of the Master Agreement for the adjustments of Incorporated Utility Facilities, bearing No. _____ in COMMONWEALTH'S files, dated _____, between the undersigned Parties in consideration of the mutual promises herein contained, and with intent to be legally bound hereby, agree that the COMMONWEALTH, in accordance with this Project Letter Agreement dated as above, will make adjustments to the Utility's castings to accommodate construction on State Route/Work Order No. _____ in _____ County.

The estimated number of castings to be adjusted and the cost of each are shown on the attached listing. Casting adjustment costs are established by said Master Agreement, and are estimated to be a total cost of \$ _____. The Utility agrees to reimburse the COMMONWEALTH for this work in accordance with the Master Agreement. In the event the actual number of castings to be adjusted changes from the estimated number shown above, the Utility agrees to reimburse COMMONWEALTH for the actual number of adjusted castings based on the unit costs shown in the Master Agreement and Exhibit 1, incorporated herein and made a part hereof, to this Letter Agreement.

The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101—3104, applies to this Agreement. Therefore, this Agreement is subject to, and **Utility Name** shall comply with, the clause entitled Contract Provisions – Right to Know Law, attached as **Exhibit "2"** and made a part of this Agreement. As used in this Agreement, the term "Contractor" refers to **Utility Name**.

WHEREAS, all utility work performed pursuant to this Agreement must comply with the "Buy America" provisions in 23 U.S.C. §313 and 23 CFR Part 635.410.

All terms and conditions of said Master Agreement not inconsistent herewith, shall remain in full force and effect.

IN WITNESS WHEREOF, the COMMONWEALTH and the UTILITY have caused this Agreement to be duly executed, ensealed and attested by their proper officials, pursuant to due and legal action authorizing the same to be done, the day and year first above written.

ATTEST:

by _____
Signature Date

by _____
Signature Date

Title

Title

If a Corporation, the President or Vice President must sign and the Secretary, Treasurer, Assistant Secretary or Assistant Treasurer must attest; if a sole proprietorship, only the owner must sign; if a partnership, only one partner need sign; if a limited partnership, only the general partner must sign.

If a Municipality or Authority a resolution for signature authority must be attached.

=====

Do not write below this line – for Commonwealth use only

**COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION**

by _____
District Utility Manager Date

APPROVED AS TO LEGALITY
AND FORM

PRELIMINARILY APPROVED

by _____
Chief Counsel Date

by _____
Assistant Counsel Date

Funds Commitment Document Number

Certified Funds Available under SAP
Number _____

SAP Cost Center _____

GL Account _____

Amount

\$ _____

SAP Vendor Number _____

by _____
Signature Date

Comptroller

Preapproved form:
OGC No. 18-FA-52.1
Appv'd OAG 04/16/2014

**ATTACHMENT B
2014-2017
Suburban**

S.R.

County:

Utility:

**EXHIBIT 1
PROJECT LETTER AGREEMENT
INCORPORATED WORK**

Hereinafter set forth is the listing of anticipated castings which are being incorporated herein by this Agreement.

<u>Number of Castings</u>	<u>Bid Item</u>	<u>Unit Price</u>	<u>Total Cost</u>
	9999-9950	484.00	
	9999-9951	464.00	
	9999-9952	553.00	
	9999-9953	527.00	
	9999-9954	864.00	
	9999-9955	824.00	
	9999-9956	816.00	
	9999-9957	694.00	
	9999-9958	814.00	
	9999-9959	860.00	
	9999-9960	1,330.00	
	9999-9961	1,474.00	
	9999-9962	391.00	
	9999-9963	250.00	
	9999-9964	404.00	
	9999-9965	279.00	
	9999-9966	465.00	
	9999-9967	808.00	

Contract Provisions – Right to Know Law

- a. The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, (“RTKL”) applies to this Contract. For the purpose of these provisions, the term “the Commonwealth” shall refer to the contracting Commonwealth agency.
- b. If the Commonwealth needs the Contractor’s assistance in any matter arising out of the RTKL related to this Contract, it shall notify the Contractor using the legal contact information provided in this Contract. The Contractor, at any time, may designate a different contact for such purpose upon reasonable prior written notice to the Commonwealth.
- c. Upon written notification from the Commonwealth that it requires the Contractor’s assistance in responding to a request under the RTKL for information related to this Contract that may be in the Contractor’s possession, constituting, or alleged to constitute, a public record in accordance with the RTKL (“Requested Information”), the Contractor shall:
 1. Provide the Commonwealth, within ten (10) calendar days after receipt of written notification, access to, and copies of, any document or information in the Contractor’s possession arising out of this Contract that the Commonwealth reasonably believes is Requested Information and may be a public record under the RTKL; and
 2. Provide such other assistance as the Commonwealth may reasonably request, in order to comply with the RTKL with respect to this Contract.
- d. If the Contractor considers the Requested Information to include a request for a Trade Secret or Confidential Proprietary Information, as those terms are defined by the RTKL, or other information that the Contractor considers exempt from production under the RTKL, the Contractor must notify the Commonwealth and provide, within seven (7) calendar days of receiving the written notification, a written statement signed by a representative of the Contractor explaining why the requested material is exempt from public disclosure under the RTKL.
- e. The Commonwealth will rely upon the written statement from the Contractor in denying a RTKL request for the Requested Information unless the Commonwealth determines that the Requested Information is clearly not protected from disclosure under the RTKL. Should the Commonwealth determine that the Requested Information is clearly not exempt from disclosure, the Contractor shall provide the Requested Information within five (5) business days of receipt of written notification of the Commonwealth’s determination.
- f. If the Contractor fails to provide the Requested Information within the time period required by these provisions, the Contractor shall indemnify and hold the Commonwealth harmless for any damages, penalties, costs, detriment or harm that the Commonwealth may incur as a result of the Contractor’s failure, including any statutory damages assessed against the Commonwealth.

Contract Provisions – Right to Know Law

- a. The Pennsylvania Right-to-Know Law, 65 P.S. §§ 67.101-3104, (“RTKL”) applies to this Contract. For the purpose of these provisions, the term “the Commonwealth” shall refer to the contracting Commonwealth agency.
- b. If the Commonwealth needs the Contractor’s assistance in any matter arising out of the RTKL related to this Contract, it shall notify the Contractor using the legal contact information provided in this Contract. The Contractor, at any time, may designate a different contact for such purpose upon reasonable prior written notice to the Commonwealth.
- c. Upon written notification from the Commonwealth that it requires the Contractor’s assistance in responding to a request under the RTKL for information related to this Contract that may be in the Contractor’s possession, constituting, or alleged to constitute, a public record in accordance with the RTKL (“Requested Information”), the Contractor shall:
1. Provide the Commonwealth, within ten (10) calendar days after receipt of written notification, access to, and copies of, any document or information in the Contractor’s possession arising out of this Contract that the Commonwealth reasonably believes is Requested Information and may be a public record under the RTKL; and
 2. Provide such other assistance as the Commonwealth may reasonably request, in order to comply with the RTKL with respect to this Contract.
- d. If the Contractor considers the Requested Information to include a request for a Trade Secret or Confidential Proprietary Information, as those terms are defined by the RTKL, or other information that the Contractor considers exempt from production under the RTKL, the Contractor must notify the Commonwealth and provide, within seven (7) calendar days of receiving the written notification, a written statement signed by a representative of the Contractor explaining why the requested material is exempt from public disclosure under the RTKL.
- e. The Commonwealth will rely upon the written statement from the Contractor in denying a RTKL request for the Requested Information unless the Commonwealth determines that the Requested Information is clearly not protected from disclosure under the RTKL. Should the Commonwealth determine that the Requested Information is clearly not exempt from disclosure, the Contractor shall provide the Requested Information within five (5) business days of receipt of written notification of the Commonwealth’s determination.
- f. If the Contractor fails to provide the Requested Information within the time period required by these provisions, the Contractor shall indemnify and hold the Commonwealth harmless for any damages, penalties, costs, detriment or harm that the Commonwealth may incur as a result of the Contractor’s failure, including any statutory damages assessed against the Commonwealth.

g. The Commonwealth will reimburse the Contractor for any costs associated with complying with these provisions only to the extent allowed under the fee schedule established by the Office of Open Records or as otherwise provided by the RTKL if the fee schedule is inapplicable.

h. The Contractor may file a legal challenge to any Commonwealth decision to release a record to the public with the Office of Open Records, or in the Pennsylvania Courts, however, the Contractor shall indemnify the Commonwealth for any legal expenses incurred by the Commonwealth as a result of such a challenge and shall hold the Commonwealth harmless for any damages, penalties, costs, detriment or harm that the Commonwealth may incur as a result of the Contractor's failure, including any statutory damages assessed against the Commonwealth, regardless of the outcome of such legal challenge. As between the parties, the Contractor agrees to waive all rights or remedies that may be available to it as a result of the Commonwealth's disclosure of Requested Information pursuant to the RTKL.

i. The Contractor's duties relating to the RTKL are continuing duties that survive the expiration of this Contract and shall continue as long as the Contractor has Requested Information in its possession.

Memo

East Goshen Township

Date: August 17, 2015
To: Board of Supervisors
From: Rick Smith, Township Manager
Re: Ben Rohrbeck

I received the following e-mail from Chris Reardon.

As most of you know by now, Ben Rohrbeck, one of the true 'founding members' of the Historic Goshenville Blacksmith Shop, has passed away. Thank you for having the flag lowered, as a long serving member of the Historical Commission, a volunteer at all of our historic presentations, and as a Korean War vet. he is completely deserving of the honor!

The members of the Historical Commission have asked that you consider the mounting of a small plaque in the Blacksmith Shop to honor Ben. It is thanks to his hard work, his research, his donation of tools and other artifacts, his mentoring of numerous 'apprentice' blacksmiths and volunteers, and his hundreds of hours spent educating the children and adults in our community that has made Historic Goshenville come alive. We believe that a plaque is the least we can do to recognize his efforts.

With your permission, we will design and submit the plaque to you for approval, and then work with the appropriate maker to have it made. We further propose to have the plaque unveiled at our Historic Event on the first Saturday in June 2016. We hope that one or more of the Board of Supervisors would be available to present it.

Local Traffic Advisory Committee
1580 Paoli Pike
West Chester, PA 19380

August 20, 2015

Board of Supervisors
East Goshen Township
1580 Paoli Pike
West Chester, PA 19380

Re: Hershey Mill Estates

Dear Board Members:

At their meeting on August 20, 2015 the Local Traffic Advisory Committee (LTAC) discussed the possibility of installing speed humps in Hershey Mill Estates in order to deter cut thru traffic and reduce the speed of vehicles. The LTAC concluded that three speed humps could be installed on Tanglewood Drive. The approximate locations for the speed humps are 1523, 1541 and 1566 Tanglewood Drive. The Township Traffic Engineer will mark the centerline of each speed hump on the street prior to the Board's meeting on September 1, 2015.

It was the consensus of the LTAC to recommend that the Board of Supervisors authorize the LTAC to conduct a public meeting to present this information to the residents and following this meeting distribute ballots to the residents.

Enclosed is a copy of Orth-Rodgers report for your use along with LTAC Process.

Sincerely,



Louis F. Smith, Jr.
Township Manager

Enclosure

Cc: Joe Devine, President Hershey's Mill Estates HOA

REC 7-2-15

MEMORANDUM

Hershey's Mill Estates – East Goshen Township
Traffic Calming Investigation

Per the October 21, 2014 HOA request and subsequent October 29, 2014 meeting of the LTAC at the Township building, Burns Engineering has compiled the results of traffic data collected at the intersections of Rt. 352 & Tanglewood Drive, Greenhill Road & Foxglove Lane and Hershey's Mill Road & Tanglewood Drive. Additional speed data was gathered near the intersections of Tanglewood & Candytuft and Tanglewood & the pool access.

License plate surveys were conducted at the access points to the community back on March 30 (PM peak period) and March 31 (AM peak period), 2015 while Immaculata University was in session. The survey was conducted between the hours of 7:00-9:30 AM and 4:00-6:00 PM in conjunction with roadway peak traffic periods and a review of the University's class schedules which indicated 13 – 8:00 AM, 2 – 9:00 AM and 26 – 9:30 AM classes being held. During the PM period, 1 – 4:00 PM, 11 – 4:30 PM, 1 – 5:00 PM, 1 – 5:30 PM and 5 – 6:00 PM classes were scheduled. These schedules indicate the majority of the commuting students might be seen during the survey period.

The license plate survey results indicate that we saw 15 AM cut-through motorists (out of a total 62 inbound motorists) and 6 PM cut-through motorists (out of a total 102 inbound motorists) observed.

Utilizing PennDOT's *Traffic Calming Handbook, Publication No. 383* (July 2012) criteria, the following factor was evaluated:

Cut-through: *When cut-through traffic is the primary issue, the cut-through traffic on the local residential street should be 40% or more of the total one hour, single direction volume. In addition, a minimum of 100 cut-through trips in one hour, in one direction, should be set as a minimum requirement.*

As identified above, the 2 and 2.5 hour periods indicate 24.2% AM period cut-throughs and 5.9% PM cut-throughs. **48.3%** of just the AM peak hour inbound trips are cut-throughs while 6.6% of the PM peak hour motorists are cutting through. The minimum number of 100 cut-throughs are not present, but due the low volumes experienced in the community, we feel this is not a relevant value to consider.

Another factor that was investigated was the **speed** of motorists traveling along Tanglewood Drive. Motorists' speeds were taken by use of a radar gun and found to be the following:

- Tanglewood Drive – eastbound 33 MPH 85th percentile speed
- (near Candytuft Lane) – westbound 31 MPH 85th percentile speed

Tanglewood Drive (near pool access) – eastbound 35 MPH 85th percentile speed
– westbound 32 MPH 85th percentile speed

The following criteria from the *Traffic Calming Handbook* was evaluated:

Speeding: When speeding is the primary concern, the 85th percentile speed should exceed 10 mph over the posted speed limit before traffic calming is considered.

- 85th percentile speed. (The 85th percentile speed is the speed at or below which 85 percent of the motorists on a street are traveling. This speed is often used as a measure of the upper limit of reasonable speeds for prevailing conditions.)

The posted speed of Tanglewood Drive is 25 MPH so we are seeing motorist speeds close to the 10 mph (35 MPH) criterion.

A quick comparison to the previous investigations we performed back in 2002 and 2007 indicated that cut-throughs and speeding were as follows:

	<u>2002</u>	<u>2007</u>
Cut-Throughs	Not investigated	AM EB 54% WB 17% PM EB 7% WB 25%
Speeds	32-35 mph	25-30 mph

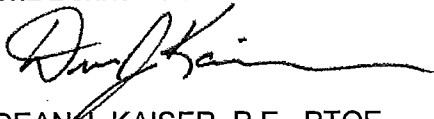
Based on this current investigation, the trends within the development are relatively consistent over the years of investigations. Cut-through motorists during the AM period are over 40% of the total traffic seen within the development and presumably traveling at a higher rate of speed than the posted 25 mph speed limit. Speeds in general are above the posted limit and it is also assumed that several residents of the community travel above the posted limit.

The current findings, in our opinion, indicate a potential need for traffic calming measures due to the fact that residents have raised concerns numerous times since the formation of the LTAC. The 2007 investigation recommended pavement markings near the pool access area which has helped, but hasn't reduced speeding in the area. As the values indicate, speed and cut-throughs are very close to meeting criteria for traffic calming devices. Tanglewood Drive, in the areas between Candytuft & Mill Race, near 1545 Tanglewood and between Sleepy Hollow & Burning Bush, and in our opinion, is a candidate for traffic speed humps are proven to deter speeding while reducing the amount of cut-through motorists.

As per the LTAC process, the Township's Supervisors will first have to concur with these findings and then 70% of the community directly affected by device placement must agree to the implementation via survey.

Prepared By,

THE BURNS GROUP



DEAN J. KAISER, P.E., PTOE
Principal Traffic Engineer

East Goshen Township Local Traffic Advisory Committee

The Local Traffic Advisory Committee (LTAC) consists of the Township Engineer, Township Traffic Engineer and a representative from the Goshen Fire Company and the Westtown East Goshen Regional Police Department.

The LTAC will coordinate all requests for traffic calming measures and make recommendations as to their installation or implementation to the Board of Supervisors.

Generally requests for traffic calming measures will only be considered from civic or homeowners associations unless one does not exist for the neighborhood or area in question. If a civic or homeowners association does not exist the LTAC may accept a petition signed by at least 10% of the homeowners in the neighborhood.

The review and approval process shall be generally in accordance with the procedure set forth in PennDOT Publication 383 (7-12) summarized as follows:

1. Upon receipt of a request the LTAC shall meet with representatives from the neighborhood and determine the project area that would be directly affected by the installation of traffic calming measures.
2. The Township Traffic Engineer shall perform a study to determine the average daily traffic volume, 85th percentile speed, and the percentage of cut-through traffic (if needed) in the project area.
3. The LTAC shall review the aforesaid study and make a recommendation to the Board of Supervisors as to whether some type of traffic calming measure would be appropriate to correct the problem and if so what measures should be considered.
4. The Board of Supervisors (Board) shall review the request, traffic study, and recommendation and in their sole discretion shall determine whether or not the LTAC should proceed.
5. Upon a positive decision from the Board the LTAC shall conduct at least one public meeting with the residents/businesses located within the project area to present the traffic calming measures that are proposed.
6. The LTAC shall send a survey, outlining their findings, to each household and/or businesses in the project area seeking their approval to proceed with the installation of the traffic calming measure or measures.
7. Upon the receipt of affirmative responses from 70% of those surveyed, the LTAC shall prepare a cost estimate of the selected measure or measures and

shall forward their recommendation with all appropriate information to the Board for their review and approval.

8. The Board, in their sole discretion, shall act on the recommendation as they see fit and advise the LTAC of their decision.

Memo

To: Board of Supervisors
From: Park Commission
Re: Tennis Keys – Analysis and Recommendation
Date: August 7, 2015

Overview:

The Park Commission conducted a trial period of keeping the tennis courts unlocked, with the hypothesis that unlocked courts would drive additional players to the courts. This trial period formally ended on July 15, but is still ongoing.

Analysis:

Play has significantly increased since the locks were removed. On a given weeknight when locked, 1-2 courts would be used between 5pm-8pm sporadically. Each Thursday, during the Farmers Market, the Director of Recreation has noted the number of players at 6pm and again at 7:15pm. On all occasions between May 15th and July 15th, there were at least 2 courts being used and on more than half the occasions all four playable courts were in use. Betsy Williams, Park Commission Member and tennis player, has seen similar increases in play on other weeknights and weekends. Play has at least doubled since the locks were removed. There have been neither signs of vandalism nor signs of bike or skateboard use.

Motion:

I move to remove the tennis court locks for the remainder of the calendar year and revisit their need for 2016.

Memo

East Goshen Township

Date: August 24, 2015
To: Board of Supervisors
From: Rick Smith, Township Manager
Re: Pond Treatment

Background - In addition to the Milltown Reservoir and Hershey's Mill Pond (that has been drained) the Township has six ponds and/or wet retention basins (ponds).

The majority of the Township ponds have an algae problem, which is common to ponds that receive stormwater and surface runoff from suburban lawns. The December 1994 Weston Report (attached) is an excellent primer on this subject. Under the Township current action plan which dates back to 1997, the Township uses chemicals to control the algae and no longer mows to the water's edge. In addition we recently installed aerators at two of the ponds.

We spend ~\$8,500 a year to control the algae at four of the ponds in addition to the electric cost for the aerators. The outfalls from the ponds (with the exception of the Bow Tree II & III Farm Pond) are inspected over a five year period as part of the MS4 program.

Current Status - On August 20, 2015 I inspected the six ponds and my comments are as follows:

Pin Oaks Farm Pond (.25 acres with an average depth of 4 feet) – The algae coverage was about 30%. The pond was drained and dredged 1996 or 97. We installed an aerator in 2007 (\$7,500). According to our current pond contractor, it typically experiences an algae bloom after a rain event which is indicative of nutrients entering the pond. We currently treat this pond.

Bow Tree I Wet Basin (1 acre in area with an average depth of 2 feet) – The algae coverage was 100%. It does not have an aerator (it is not deep enough for an aerator to be effective). We attempted to treat it with barley in 2013 and it did not work. We currently are not treating this pond. The discharge from this pond was inspected on 10/2/14 did not have any of the indicators attributable to an illicit discharge.

Bow Tree II & III Farm Pond (1 acre in area with an average depth of 4 feet) – There was no algae on the pond. We installed an aerator in 2009 (\$8,500). We currently treat this pond. This pond discharges to the Bow Tree II & III Wet Basin via a concrete channel.

Bow Tree II & III Wet Basin (1 acre in area with an average depth of 2 feet) – The algae coverage was 80%. It does not have an aerator (it is not deep enough for an aerator to be effective). We currently treat this pond.

Marydell Wet Basin (2 acres in area with an average depth of 2 feet) - The algae coverage was 50%. (On August 26 it was down to 25%) It does not have an aerator. In 2011 we looked into installing one at an estimate cost of \$11,000. However, our pond contractor advised us the pond was not deep enough to make an aerator worthwhile, so we abandoned the idea. We currently

treat this pond. The discharge from this pond was inspected on 5/30/15 and observed to have a blue color with was attributed to the algae treatment.

Hershey Mill Estates Wet Basin (.25 acres in area with an average depth 3 feet) – There was no algae on the pond. It does not have an aerator. We attempted to treat it with barley in 2013 and it did not work. We currently do not treat this pond.

Based on antidotal information, with the exception of a few calls about the Bow Tree I Pond, the Township does not receive any calls from residents about the condition of the ponds.

Options

We could dredge the other ponds to remove the sediment and deepen the ponds.

Note: The Charter Chase HOA is currently in the process of dredging their pond (1.5 acres). A team of divers utilize a pump that pumps sediment laden water to a large silt bag. The bag retains that silt, which is allowed to dry for several months and then spread on the ground. The advantage is that they did not have to drain the pond and the cost was reasonable (<\$50,000).

We could stop the chemical treatment and turn off the aerators. Obviously, the homeowners adjacent to the ponds would be opposed to this.

We could convert the ponds to “Constructed Wetlands” which are a Best Management Practice (BMP) approved by the PA DEP to improve water quality (See attached).

Note: Under the draft MS4 Permit being developed by PA DEP, in 2018 East Goshen will have to implement projects to remove sediment from stormwater and Constructed Wetlands BMPs do this effectively.

Continue with the current course of action.

Discussion

I do not think is worth dredging the other ponds. As noted above in order to control the algae at the Pin Oaks Pond we dredged it to remove the sediment and deepen the pond. However, 18 years later we need to have an aerator and use chemicals to control the algae at this pond.

I do not think stopping the chemical treatment and turning off the aerators is feasible.

I believe that converting the ponds to Constructed Wetlands, is something that should be explored. However, the new MS4 permit will not go into effect until 2018.

The current course of action appears to be working and the cost is minimal.

Recommendation - I have asked our pond contractor to obtain the required PA DEP permits to treat the other two ponds and I would recommend continuing with our current course of action, and expanding it to include the other two ponds as necessary.

**East Goshen Township Ponds
Remedial Action Plans**

Prepared for

**EAST GOSHEN TOWNSHIP
PAOLI PIKE
WEST CHESTER, PA**

Prepared by

**ROY F. WESTON, INC.
Weston Way
West Chester, PA 19380**

December, 1994

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1.0 INTRODUCTION

East Goshen Township has retained WESTON to assess the condition of seven ponds located in the Township and recommend remedial actions, as appropriate, that will resolve the concerns expressed by local residents as to the condition of the ponds. The investigation was prompted by resident reports to the Township of odor and aesthetic problems with the ponds.

This is a common problem with ponds which receive nutrient rich stormwater and surface runoff from surrounding land. The high nutrient loads provide an abundant food source for the propagation of algae and rooted aquatic plants. The seven ponds located in East Goshen Township were examined in November 1994 for the presence of algae and rooted plants as well as the condition and use of adjacent land that had the potential to lead to eutrophication problems. The presence of these plants cause clarity problems during growth that may not be aesthetically pleasing and when the algae or plants die-off, low dissolved oxygen levels resulting from the decay of the plant materials may produce unpleasant odors.

The principal nutrients which can cause the abundant growth of algae and other plants are nitrogen and phosphorus. Common sources of these nutrients in stormwater runoff include lawn fertilizer residuals, wildfowl feces (especially geese), and domestic and feral animal feces. It is also worth noting that animals and geese also contribute fecal coliform bacteria to the water bodies and possibly pathogenic bacteria. Measures to eliminate the sources of these nutrients as well as the institution of controls within the ponds themselves are essential for long term control of the algal and plant growth.

This report will discuss the structure and condition of the seven ponds, potential measures to control or eliminate the algal and plant growth and the permit requirements of the remedial measures.

2.0 SITE DESCRIPTION

The seven ponds investigated in East Goshen Township include an old farm pond in Pin Oaks development, a stormwater control pond in the Mary Dell development, three stormwater ponds in Bow Tree development, and the old mill pond and an associated contributory stormwater pond in Hershey Mills. The following description of the site conditions are as observed in November 1994 which is rather late in the season to observe the actual problems reported by the residents.

Pin Oaks Farm Pond

The Pin Oaks farm pond is located in a stream channel which collects water from the stream, an old spring house and stormwater sewer outlets. During November, the pond was receiving a significant flow from the springhouse via a 6 inch PVC pipe and the stream through a 36 inch culvert under Brian Drive. A goose population was present in the area which was probably a migratory population. The pond would probably support one or two nesting pairs during the spring and summer months. Plant life identified in the pond included the algal and macrophyte species *Wolffia* spp., *Lemna minor*, *Spirogyra* spp. and *Utricularia* spp. The pond is surrounded by residential development.

Mary Dell Pond

The Mary Dell pond is located in the Mary Dell development and is a stormwater pond with no surface water contribution. Four stormwater outlets empty into the pond; these inlets are; one at 18 inches, two at 30 inches and one at 48 inches. The outlet structure is a concrete riser which discharges to a stream. During the November visit, water was discharging from the pond, but no inflow was noted, suggesting that active underground seeps contribute to the flow. An old springhouse is located near the pond but it was dry and there was no structure to convey water to the pond.

A goose population was present, and the presence of cracked corn suggests that residents are feeding the geese. Again, it is expected that this population is migratory or overwintering and not present year round.

No algae or other vegetative growth was noted at this pond.

Bow Tree I

The first Bow Tree pond is located on a tributary to Ridley Creek and is a man-made stormwater control pond with two 12 inch stormwater sewer contributing to the pond in addition to normal creek flow. The outlet structure is two concrete risers connected to twin 36 inch culverts. As with the previous ponds, a goose populations was present. The algae identified included *Spirogyra* spp. and witches hair. The tributary stream channel upstream from the pond was severely eroded suggesting high velocity flows occur during storm events which would bring abundant suspended solids and nutrients into the pond.

Bow Tree II

The second and third Bow Tree ponds are connected via a concrete spillway and are stormwater control structures. The second Bow Tree pond is fed by two stormwater sewers, 36 and 48 inches in diameter and has no natural inlet. No overflow was occurring at the time of inspection suggesting that no significant seeps are present to feed the pond. A goose population was present around the pond. The algae present in November include witches hair and green filamentous algae. A large mouth bass was found in the concrete spillway.

Bow Tree III

This pond is connected to Bow Tree II via a concrete spillway. In addition to the flows received from the upstream pond, this pond also has 36 inch and 12 inch diameter stormwater sewers contributing flow. The outlet structure is a concrete riser with a 24 inch diameters discharge

culvert. This pond also has a goose population. No obvious algae were present in this pond.

Hershey Mill Pond I

The Hershey Mill pond was constructed as part of the original mill that was once present. The flow to this pond are two streams which flow through wetlands. The streams collect stormwater from an upstream development. The outlet structure is a rock spillway approximately 25 feet across which contained 6 inches of water during the November visit. Only three waterfowl were present in this pond. A substantial goose population was present downstream in a pond fed from the Hershey Mill Pond. The green algal species *Spirogyra sp.* was present in this pond.

Hershey Mill Pond II

The second Hershey Mill pond is a man-made stormwater control pond. The inlet structure is a 6 foot flat bottom culvert which carries stream flow under Tanglewood Road. An additional 12 inch culvert was dry at the time of WESTON's inspection. The man-made pond appears to be fairly deep with little to no vegetation growth apparent. No geese were present at this pond.

3.0 POTENTIAL REMEDIAL ACTIONS

On the assumption that the principal cause of the problems leading to complaints from surrounding residents is the inflow of nutrients producing excessive algal and plant growth which leads to decay and associated odors in the hot summer months, measures should be taken to control the sources and properly maintain the ponds. In regard to pond maintenance, it is important to understand that ponds, especially those designed into the sub-division surface water system as stormwater retention basins, will evolve and change with time. This can be relatively rapid change where significant flows are experienced and leads to considerable settling out of suspended sediment. In addition to the physical changes such as a reduction in the design

volume, the biology will also change as depths reduce or ingrowth from the perimeter takes place.

Stormwater run-off to the ponds, whether from a natural stream, stormwater channel, or over land sheet flow will carry nutrients to the ponds. Geese, other waterfowl, and certain wild animals such as raccoons, muskrat, opossums and others will deposit fecal material into the ponds directly.

With these in mind, two actions are necessary to control and minimize algal and plant growth in the East Goshen ponds:

- source reduction and elimination,
- pond maintenance actions.

Nutrient source reduction would decrease the frequency of the algal blooms and pond maintenance actions will improve conditions so that they are less conducive to algal blooms and pond weed growth. The following suggests the possible remedial measures to be used.

3.1 Nutrient Source Reduction

3.1.1 Residents

The residential sources of nutrients (mainly phosphorus and nitrogen) are most likely from the use of lawn fertilizer by the residential community surrounding the ponds and the natural streams, potentially from poorly operating septic systems or leaking sewers and from fecal matter deposited by domestic pets. Fertilizers will be carried from the lawns by sheet flow stormwater runoff and by leaching to the groundwater which may recharge the streams and ponds at times of low flow, especially if springs are a source of water.

Measures to control the use of fertilizers in areas that drain to these ponds would significantly reduce the problem. Suggested actions include a public education program using flyers or neighborhood meetings to advise the residents of the effects of the widespread application of fertilizers and overuse of fertilizers. If public education is not successful the township will need to consider the cost of repeated treatment to control the algal blooms or the institution of local ordinances to control the use of fertilizers. Controls to consider could include limiting the number of applications allowed per year, restriction to Fall applications when run-off would not lead to algal growth, or measures to limit the loading of nitrogen and phosphorus on a per square yard or per acre basis. Some liaison and discussion with major suppliers of lawn care services to develop a cooperative approach in key areas of the developments would be potentially beneficial to ensure carefully controlled applications rather than any attempt at the restriction of services.

Education is the key in this option since enforcement by the Township would be difficult to impossible. The objective would be to lead the residents to the understanding that control of this significant aspect of the problem lies in their hands rather than with the Township.

3.1.2 Geese

Control of the goose population is necessary to eliminate the contributions of nitrogen to the ponds. There are two aspects of this part of the problem which can be controlled by both the residents and the Township.

As a part of an education program the residents should be helped to understand that they need to discourage the geese from using the ponds. Feeding of geese by residents should be stopped.

Geese like to have easy access into and out of the water and mowed areas which provide grass shoots and roots for grazing. As they graze the areas around the pond the geese continually defecate. It is worth noting in materials provided to the residents that this represents a health hazard, especially to children who might play in the area. The Township can discourage the use

of the ponds by geese by changing the landscape of the pond margins so that they are unsuitable for geese. This can still be done in such a way that it remains aesthetical pleasing for the residents.

Landscaping to minimize use of the pond by geese would involve the planting of shrubs or high grasses adjacent to the edge. Geese would be less attracted to the pond if a vegetation barrier was present.

An alternative approach to discouraging geese is the placement of barriers in the ponds close to the margins. A typical and successful approach which has been shown to be effective is to set a monofilament wire approximately 2 feet from the edge of a pond.

3.2 Pond Maintenance

Maintenance measures consist of mechanical, biological and chemical treatments. The following is a discussion of these treatment types, and whether they are used for algae, or rooted aquatic vegetation.

3.2.1 Mechanical

Mechanical measures to control rooted aquatic vegetation include:

- drawdown - lowering the water elevation a few feet,
- raking/cutting - physical removal of rooted aquatics, and
- sediment covering - placement of a cover over the nutrient rich sediments.

Mechanical measures to control excess nutrients and the associated algal blooms include:

- dilution/flushing - introducing sufficient flow to remove nutrients, and,
- Dredging - removal of nutrient rich sediments.

Drawdown is the lowering of the water level one to three feet to remove root aquatic plants. It is typically done in early September to February, and the exposed sediment and the roots are subject to freezing and drying which will kill the roots. It is necessary to have a variable level outlet structure to lower the outlet elevation. It has been shown that the use of this method to remove rooted aquatic vegetation usually causes an algal bloom the following summer due to the decay and mineralization of the exposed vegetation.

Raking or cutting for the removal of rooted aquatic plants may be more easily used for small ponds. It involves the removal of the plant biomass from the pond and should be conducted when the plant biomass is greatest in mid-summer. Since this is a labor intensive effort, it may be considered only for smaller ponds or areas with limited plant biomass.

Sediment covering involves the placement of sheeting over the sediments to inhibit the resuspension of nutrients and to prevent rooted plants from establishing. Holes are placed in the sheeting to allow for the release of gases from decomposition. Some difficulties associated with this method can include the establishment of plants in the areas where holes are placed, and, with plants re-establishing in the new sediment deposited on top of the cap.

Dilution or flushing is used to remove excess nutrient or to remove algae from the pond. Dilution involves increasing the flows through the system, particularly when concentrated nutrients would be present to dilute the levels and flush excess nutrients downstream. This measure would need a source of water sufficient to flush the systems within 2 to 3 weeks. The preferred method is to have continuous low flow additions to the pond rather than intermittent high flow flushes. Sources of water may be clear stream water (which does not receive the nutrient laden runoff) or groundwater wells. This system is not used often because an additional source of water is necessary and the outlet structure, as well as the downstream channel must be able to handle the additional flows. It is unlikely to be feasible in the case of the East Goshen ponds.

Dredging or sediment removal is an effective technique for removal of nutrients and increasing pond depth. Several types of dredging machines are available for use depending upon the size

of site. For this measure it is necessary to identify a disposal location for the dredged material. In addition, the return flow must be treated with aluminum (see below, chemical treatments) to remove soluble nutrients. This method has been highly successful, however sediment removal and disposal can be costly.

3.2.2 Biological

Two methods of biological control can be used to control algae and plants. The first is by the introduction of a herbivorous fish, namely the grass carp. The grass carp has been used successfully in the west, however since it is not a native species most states have banned the introduction of grass carp into state waters. Pennsylvania is one of those states.

The second method involves biomanipulation of the food chain by the introduction of excess zooplankton which will feed on algae. This measure is the only one where nutrient additions would need to remain the same. A detailed study of the aquatic organisms currently inhabiting the pond would be conducted. If these are desirable predator fish, the addition of zooplankton may be relatively easy. If, however, the predator fish are not desirable because of their feeding habits, the existing populations may need to be exterminated and the pond food chain reconstructed. Intensive studies of the physical and chemical nature of the pond would be necessary to use this type of measure. For this reason it will not be considered for a remedial option for East Goshen ponds.

3.2.3 Chemical

Chemical treatment of ponds should only be considered as a last resort due to the detrimental effects of chemicals on all pond life and possible downstream effects. The use of aluminum salts are the preferred treatment since they bind phosphorus under different types of aquatic conditions forming a floc which quickly settles. Since the addition of the aluminum salt is a one-time treatment, significant sources of phosphorus should be eliminated prior to its use, because these additions will not be bound up by the aluminum. If sufficient aluminum is use, a chemical

barrier to phosphorus will be created by the settled floc. The use of aluminum will affect the pH and alkalinity of the waterbody. Recommended chemicals for treatment are aluminum compounds such as sodium aluminate and aluminum sulfate; use of this combination avoids low pH and high dissolved aluminum concentrations, however, information on the volume of the lake, pH and water hardness will be necessary to calculate the dosage requirement..

4.0 RECOMMENDED ACTION

East Goshen Township requested that the remediation of Pin Oaks Pond be addressed as a case example to demonstrate the feasibility of proposed actions.

4.1 Education Program

This is to some extent independent of dealing with one particular pond and should be considered as a necessary program throughout the Township.

- A simple descriptive piece should be written which explains the nature of the problem and its most probable causes and distributed to residents throughout the Township but especially in the developments where complaints originated. In addition, and depending on the severity of the complaints and extent of concern in the neighborhoods, the Township might consider offering a township meeting to explain the problem and discuss the potential solutions.
- Efforts should be made to interest local newspapers in featuring the problem, publishing the piece which the Township prepares for distribution to residents, and giving an account of the Township's proposed actions.
- The Township should seek a meeting with the area management of the lawn care companies which provide fertilizing services to homeowners. This meeting has two objectives. The first is to reassure the companies that the Township does not

seek to restrict provision of services and the second to convince these companies to be a part of the solution by ensuring strict control over amounts of fertilizer applied through training of their staffs.

- Depending on the perceived severity of the problem, the number complaints received, and the response to the education program, the Township might wish to consider the possibility of ordinances to control the use of fertilizer and the feeding of geese.

4.2 Treatment

Pin Oaks Pond has been receiving sediments and nutrients for a number of years from the old farm and from the current residential development so that a fairly deep, nutrient rich sediment is expected to be present. The township has two options for treatment, chemical treatment or dredging of sediment. The chosen option will depend on the needs of the township.

The first option, chemical treatment, is a relatively simple operation to treat the excess nutrient present. The following describes the recommended approach.

- Some initial, simple analysis will need to be conducted to determine the volume, pH and hardness of the water in order to calculate the amounts and appropriate aluminum compounds necessary to precipitate the phosphorus. The township should consider the addition of enough aluminum to precipitate the available, soluble phosphorus and create a barrier to effectively bury phosphorus in the sediments.
- In addition, the township will need to complete an application to the Pennsylvania Fish Commission for the addition of the selected compound.

- After treatment the bank areas around the pond should be planted with shrubs and tall grasses to discourage use of the pond by geese. If this is unacceptable to neighbors the alternative is to install a monofilament line just below the normal water surface height two feet out from the banks.

If mixing within the pond does not occur stirring up the bottom sediments this treatment method should be effective for several years. The literature reports this as an effective treatment for 2 to 7 years.

The second option is to dredge the pond sediments. This option would be more costly and require greater permitting, however it would have a dual benefit of removing the excess nutrients and increasing the depth of the pond. The option would most likely result in more long term treatment. The following is the recommended approach to this option.

- The stream should be temporarily diverted around the pond and the sediment dredged to the banks where it is allowed to dewater. The dewatered sediment should then be used as clean fill at an appropriate site elsewhere in the Township. If downstream channel and conveyance structures permit, the stream diversion should be maintained through the winter to allow the frost to kill vegetative growth within the pond. Influent water from the spring should also be diverted during this period. Normal flows should be restored in the spring towards the end of March.
- After restoration of flows, the Township has the option to treat the re-established water body with aluminum compounds to precipitate out any remaining phosphate. Prior to the application of the aluminum compounds a relatively simple analysis of the water chemistry including pH, hardness and alkalinity, as well as an estimate of the volume would be necessary in order to determine the

correct amount to apply. This application would be done at the time of low flow to avoid losing the chemical in the outflow.

- After the removal of the dewatered sediment the bank areas around the pond should be planted with shrubs and tall grasses to discourage use of the pond by geese. If this is unacceptable to neighbors the alternative is to install a monofilament line just below the normal water surface height two feet out from the banks.
- An upland disposal for the sediment will need to be identified. Sampling of the sediment will be necessary to demonstrate that no hazardous materials are present.

Permitting requirements for this option would involve notification of the U.S. Army Corps of Engineers of the proposed dredging. The action would be covered under Nationwide Permits No. 35 and 16, for the dredging of an existing basin and the return water from an upland disposal site, respectively. The information that would need to be submitted to the Army Corps of Engineers includes site plans, proposed excavation depth, hydrologic calculations for the diversion, soil and erosion control plans, estimated volume of dredge materials, identification of an upland disposal site, and chemical characterization of the dredged materials, as well as other information.

BMP 6.6.1: Constructed Wetland



Constructed Wetlands are shallow marsh systems planted with emergent vegetation that are designed to treat stormwater runoff.

<p style="text-align: center;"><u>Key Design Elements</u></p> <ul style="list-style-type: none"> • Adequate drainage area (usually 5 to 10 acres minimum) or proof of sustained base flow May require investigation of water supply to ensure a sustained baseflow to maintain the wetland • Maintenance of permanent water surface • Multiple vegetative growth zones through varying depths • Robust and diverse vegetation • Relatively impermeable soils or engineered liner • Sediment collection and removal • Adjustable permanent pool and dewatering mechanism Maintenance - periodic sediment removal from the forebay and vegetation maintenance 	<p style="text-align: center;"><u>Potential Applications</u></p> <p>Residential: Yes Commercial: Yes Ultra Urban: Limited Industrial: Yes Retrofit: Yes Highway/Road: Yes</p> <hr/> <p style="text-align: center;"><u>Stormwater Functions</u></p> <p>Volume Reduction: Low Recharge: Low Peak Rate Control: High Water Quality: High</p> <hr/> <p style="text-align: center;"><u>Water Quality Functions</u></p> <p>TSS: 85% TP: 85% NO3: 30%</p>
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Description

Constructed Wetlands are shallow marsh systems planted with emergent vegetation that are designed to treat stormwater runoff. While they are one of the best BMPs for pollutant removal, Constructed Wetlands (CWs) can also mitigate peak rates and even reduce runoff volume to a certain degree. They also can provide considerable aesthetic and wildlife benefits. CWs use a relatively large amount of space and require an adequate source of inflow to maintain the permanent water surface.

Variations

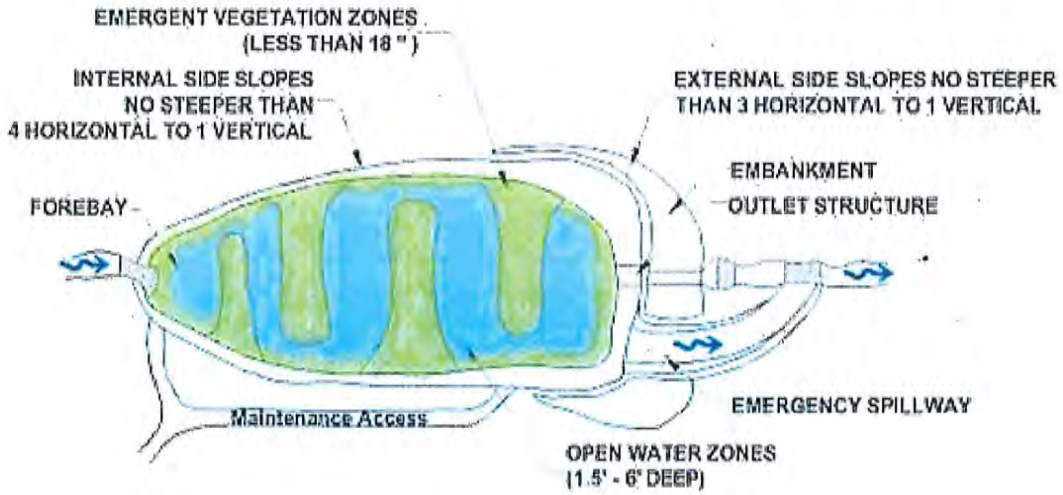
Constructed Wetlands can be designed as either an online or offline facilities. They can also be used effectively in series with other flow/sediment reducing BMPs that reduce the sediment load and equalize incoming flows to the CWs. Constructed Wetlands are a good option for retrofitting existing detention basins. CWs are often organized into four groups:

- Shallow Wetlands are large surface area CWs that primarily accomplish water quality improvement through displacement of the permanent pool.
- Extended Detention Shallow Wetlands are similar to Shallow Wetlands but use extended detention as another mechanism for water quality and peak rate control.
- Pocket Wetlands are smaller CWs that serve drainage areas between approximately 5 and 10 acres and are constructed near the water table.
- Pond/Wetland systems are a combination of a wet pond and a constructed wetland.

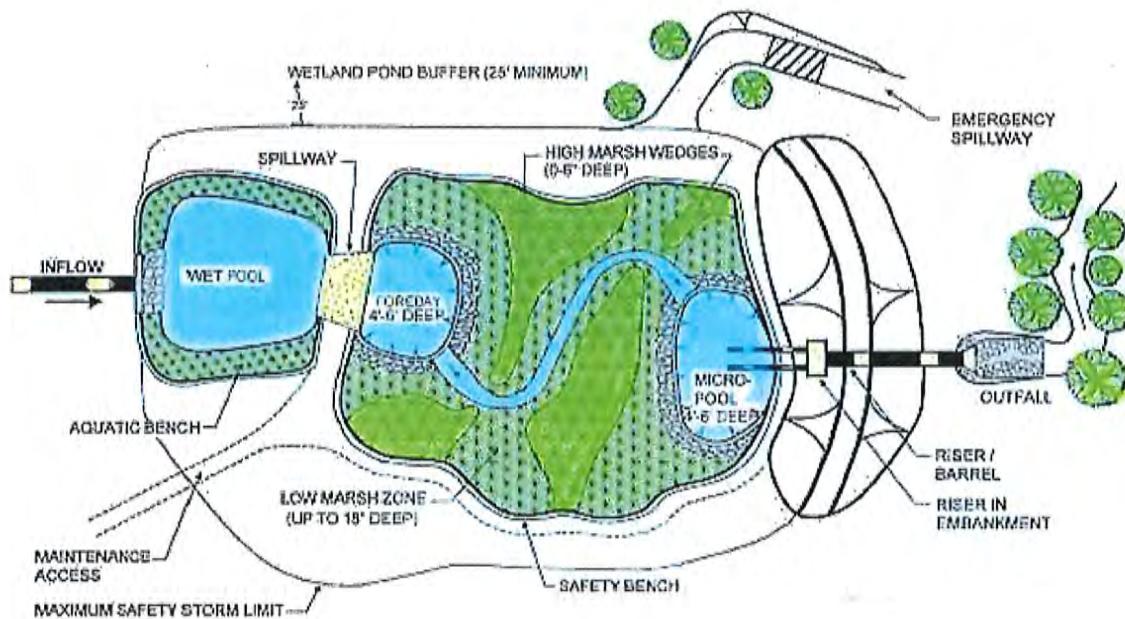
Although this BMP focuses on surface flow Constructed Wetlands as described above, subsurface flow CWs can also be used to treat stormwater runoff. While typically used for wastewater treatment, subsurface flow CWs for stormwater may offer some advantages over surface flow wetlands, such as improved reduction of total suspended solids and oxygen demand. They also can reduce the risk of vectors (especially mosquitoes) and safety risks associated with open water. However, nitrogen removal may be deficient (Campbell and Ogden, 1999). Perhaps the biggest disadvantage is the relatively low treatment capacities of subsurface flow CWs – they are generally only able to treat small flows. For more information, please consult the “References and Additional Resources” list.

Applications

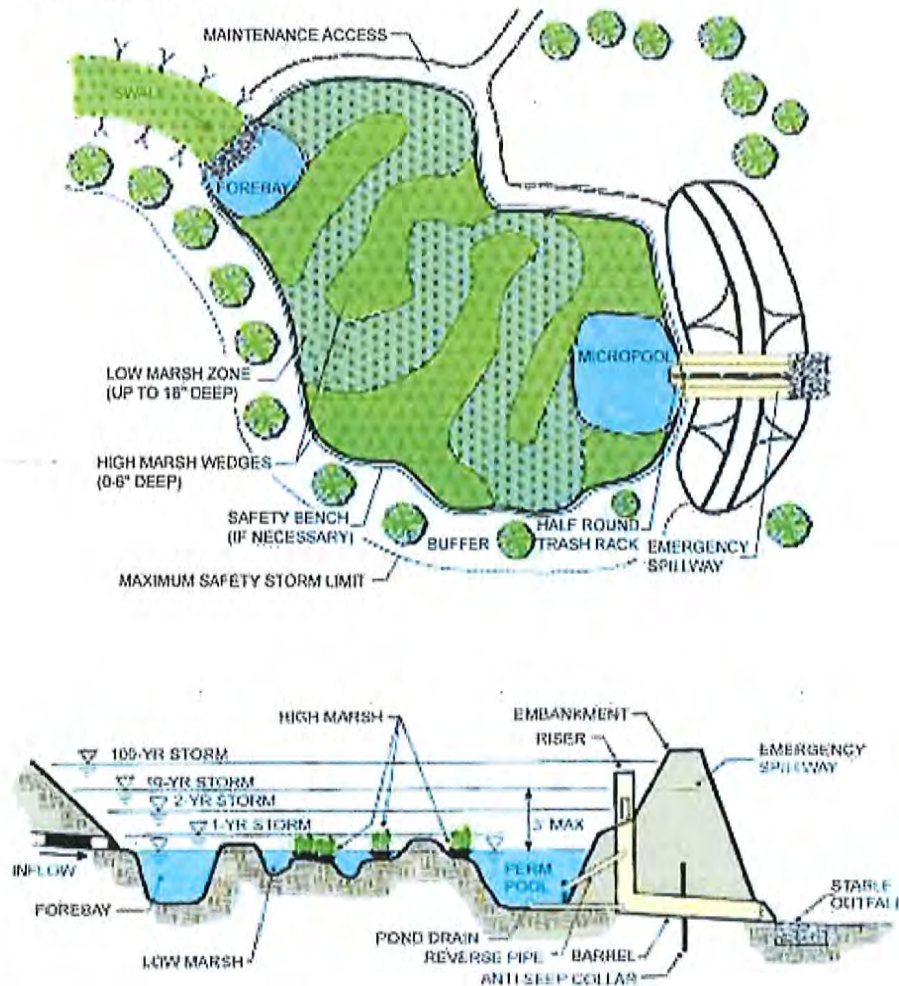
- Alternating bands of deeper water and shallow marsh.



- Wet Pond/Wetland System



- **Pocket Wetland**



- **Offline Constructed Wetland**
- **Retrofit of existing detention basins**



Design Considerations

1. **HYDROLOGY.** Constructed Wetlands must be able to receive and retain enough flow from rain, runoff, and groundwater to ensure long-term viability. Hydrologic calculations (or a water balance) should be performed to verify this. Shallow marsh areas can become dry at the surface but not for greater than one month, even in the most severe drought. A permanent water surface in the deeper areas of the CWs should be maintained during all but the driest periods. A relatively stable normal water surface elevation will reduce the stress on wetland vegetation. A CWs must have a drainage area of at least 10 acres (5 acres for “pocket” wetlands) or some means of sustaining constant inflow. Even with a large drainage area, a constant source of inflow can improve the biological health and effectiveness of a Constructed Wetland. Pennsylvania’s precipitation is generally well distributed throughout the year and is therefore suited for CWs.
2. **UNDERLYING SOILS.** Underlying soils must be identified and tested. Generally hydrologic soil groups “C” and “D” are suitable without modification, “A” and “B” soils may require a clay or synthetic liner. Soil permeability must be tested in the proposed Constructed Wetland location to ensure that excessive infiltration will not cause the CWs to dry out. If necessary, CWs should have a highly- compacted subsoil or an impermeable liner to minimize infiltration.
3. **PLANTING SOIL.** Organic soils should be used for Constructed Wetlands. Organic soils can serve as a sink for pollutants and generally have high water holding capacities. They will also facilitate plant growth and propagation and may hinder invasion of undesirable species.
4. **SIZE AND VOLUME.** The area required for a CWs is generally 3 to 5 percent of its drainage area. CWs should be sized to treat the water quality volume and, if necessary, to mitigate the peak rates for larger events.
5. **VEGETATION.** Vegetation is an integral part of a Wetland system. Vegetation may help to reduce flow velocities, promote settling, provide growth surfaces for beneficial microbes, uptake pollutants, prevent resuspension, provide filtering, limit erosion, prevent short-circuiting, and maintain healthy bottom sediments (Braskerud, 2001). Constructed Wetlands should have several different zones of vegetation as described in Table 6.6.1-1. The emergent vegetation zone (areas not more than 18” deep) should comprise about 60 to 65 percent of the normal water surface area, although recommendations in recent literature range from less than 50 to over 80 percent. Robust, non-invasive, perennial plants that establish quickly are ideal for CWs. The designer should select species that are tolerant of a range of depths, inundation periods, etc. Monoculture planting must be avoided due to the risk from pests and disease. Use local recommended plant lists.

Table 6.6.1-1

Vegetation Zone	Description
Open Water	Areas between 18 inches and 6 feet deep
Emergent	Areas up to 18 inches deep
Low Marsh	Portion of Emergent Zone between 6 and 18 inches deep
High Marsh	Portion of Emergent Zone up to 6 inches deep
Ephemeral Storage	Area periodically inundated during runoff events
Buffer	Area outside of maximum water surface elevation



6. CONFIGURATION.

a. General. Constructed Wetlands should be designed with a length to width ratio of at least 2:1 wherever possible. If the length to width ratio is lower, the flow pathway through the CWs should be maximized. CWs should not be constructed within 10 feet of the property line or within 50 feet of a private well or septic system. CWs should be designed so that the 10-year water surface elevation does not exceed the normal water surface elevation by more than 3 feet. Slopes in and around Constructed Wetlands should be 4:1 to 5:1 (H:V) wherever possible. Constructed wetlands should be located outside of any natural watercourse.

b. Forebay/Inflows. Constructed Wetlands should have a forebay at all major inflow points to capture coarse sediment, prevent excessive sediment accumulation in the remainder of the CWs, and minimize erosion by inflow. The forebays should contain 10 to 15 percent of the total permanent pool volume and should be 4 to 6 feet deep (at least as deep as other open water areas). They should be physically separated from the rest of the wetland by a berm, gabion wall, etc. Flows exiting the forebay should be non-erosive to the newly constructed CWs. Vegetation within forebays can increase sedimentation and reduce resuspension/erosion. The forebay bottom can be hardened to facilitate sediment removal. Forebays should be installed with permanent vertical markers that indicate sediment depth. Inflow channels should be fully stabilized. Inflow pipes can discharge to the surface or be partially submerged. CWs should be protected from the erosive force of the inflow to prevent the resuspension of previously collected sediment during large flows.



c. Vegetation and Open Water Zones. About half of the emergent vegetation zone should be high marsh (up to 6" deep) and half should be low marsh (6" to 18" deep). Varying depths throughout the CWs can improve plant diversity and health. The open water zone (approx. 35 to 40% of the total surface area) should be between 18 inches and 6 feet deep. Allowing a limited 5-foot deep area can prevent short-circuiting by encouraging mixing, enhance aeration of water, prevent resuspension, minimize thermal

- impacts, and limit mosquito growth. Alternating areas of emergent vegetation zone (up to 18 inches deep) and open water zone – as shown in Figures 6.13-2 and 6.13-4 – can also minimize short-circuiting and hinder mosquito propagation.
- d. **Outlet.** Outlet control devices should be in open water areas 4 to 6 feet deep comprising about 5 percent of the total surface area to prevent clogging and allow the CWs to be drained for maintenance. Outlet devices are generally multistage structures with pipes, orifices, or weirs for flow control. Orifices should be at least 2.5 inches in diameter and should be protected from clogging. Outlet devices should be installed in the embankment for accessibility. It is recommended that outlet devices enable the normal water surface to be varied. This allows the water level to be adjusted (if necessary) seasonally, as the CWs accumulates sediment over time, if desired grades are not achieved, or for mosquito control. The outlet pipe should generally be fitted with an anti-seep collar. Online facilities should have an emergency spillway that can safely pass the 100-year storm with 1 foot of freeboard. All outflows should be conveyed downstream in a safe and stable manner.
 - e. **Safety Benches.** All areas that are deeper than 4 feet should have two safety benches, each 4 to 6 feet wide. One should be situated about 1 to 1.5 feet above the normal water elevation and the other 2 to 2.5 feet below the water surface.
7. **CONSTRUCTED WETLAND BUFFER.** To enhance habitat value, visual aesthetics, and wetland health, a 25-foot buffer should be added from the maximum water surface elevation. The buffer should be planted with trees, shrubs, and native ground covers. Existing trees within the buffer should be preserved. If soils in the buffer will become compacted during construction, soil restoration should take place to aid buffer vegetation.
 8. **MAINTENANCE ACCESS.** Permanent access must be provided to the forebay, outlet, and embankment areas. It should be at least 9 feet wide, have a maximum slope of 15%, and be stabilized for vehicles.
 9. **PLAN ELEMENTS.** The plans detailing the Constructed Wetlands should clearly show the CWs configuration, elevations and grades, depth/vegetation zones, and the location, quantity, and propagation methods of wetland/buffer vegetation. Plans should also include site preparation techniques, construction sequence, as well as maintenance schedules and requirements.
 10. **REGULATION.** Constructed Wetlands that have drainage areas over 100 acres, embankments greater than 15 feet high, or a capacity greater than 50 acre-feet may be regulated as a dam by PADEP (see Title 25, Chapter 105 of the Pennsylvania Code).

Detailed Stormwater Functions

Volume Reduction Calculations

Although not typically considered a volume-reducing BMP, Constructed Wetlands can achieve some volume reduction through evapotranspiration, especially during small storms. An evapotranspiration study could be done to account for potential volume reduction credit. Hydrologic calculations that should be performed to verify that the CWs will have a viable amount of inflow can also predict the water surface elevation under varying conditions. The volume stored between the predicted water level and the lowest outlet elevation will be removed from the storm that occurs under those conditions.

Peak Rate Mitigation Calculations

Peak rate is primarily controlled in Constructed Wetlands through the transient storage above the normal water surface. See in Section 8 for Peak Rate Mitigation methodology.

Water Quality Improvement

Constructed Wetlands improve runoff quality through settling, filtration, uptake, chemical and biological decomposition, volatilization, and adsorption. Constructed Wetlands are effective at removing many common stormwater pollutants including suspended solids, heavy metals, total phosphorus, total nitrogen, toxic organics, and petroleum products. The pollutant removal effectiveness varies by season and may be affected by the age of the wetland. It has been suggested that Constructed wetlands do not remove nutrients in the long term unless vegetation is harvested because captured nutrients are released back into the water by decaying plant material. Even if this is true, nutrients are generally released gradually and during the non-growing season when downstream susceptibility is generally low (Hammer, 1990). See in Section 8 for Water Quality Improvement methodology which addresses pollutant removal effectiveness of this BMP.

Construction Sequence

1. Separate wetland area from contributing drainage area:
 - a. All channels/pipes conveying flows to the Constructed Wetland must be routed away from the wetland area until it is completed and stabilized.
 - b. The area immediately adjacent to the Constructed Wetland must be stabilized in accordance with the PADEP's Erosion and Sediment Pollution Control Program Manual (2000 or latest edition) prior to construction of the wetland.
2. Clearing and Grubbing:
 - a. Clear the area to be excavated of all vegetation.
 - b. Remove all tree roots, rocks, and boulders.
 - c. Fill all stump holes, crevices and similar areas with impermeable materials.
3. Excavate bottom of Constructed Wetland to desired elevation (Rough Grading).
4. Install surrounding embankments and inlet and outlet control structures.
5. Grade and compact subsoil.
6. Apply and grade planting soil.
 - a. Matching design grades is crucial because aquatic plants can be very sensitive to depth.
7. Apply geo-textiles and other erosion-control measures.
8. Seed, plant and mulch according to Planting Plan
9. Install any anti-grazing measures, if necessary.
10. Follow required maintenance and monitoring guidelines.



Maintenance Issues

Constructed Wetlands must have a maintenance plan and privately owned facilities should have an easement, deed restriction, or other legal measure to prevent neglect or removal. During the first growing season, vegetation should be inspected every 2 to 3 weeks. During the first 2 years, CWs should be inspected at least 4 times per year and after major storms (greater than 2 inches in 24 hours). Inspections should access the vegetation, erosion, flow channelization, bank stability, inlet/outlet conditions, and sediment/debris accumulation. Problems should be corrected as soon as possible. Wetland and buffer vegetation may require support – watering, weeding, mulching, replanting, etc. – during the first 3 years. Undesirable species should be removed and desirable replacements planted if necessary.

Once established, properly designed and installed Constructed Wetlands should require little maintenance. They should be inspected at least semiannually and after major storms as well as rapid ice breakup. Vegetation should maintain at least an 85 percent cover of the emergent vegetation zone. Annual harvesting of vegetation may increase the nutrient removal of CWs; it should generally be done in the summer so that there is adequate regrowth before winter. Care should be taken to minimize disturbance, especially of bottom sediments, during harvesting. The potential disturbance from harvesting may outweigh its benefits unless the CWs receives a particularly high nutrient load or discharges to a nutrient sensitive waterbody. Sediment should be removed from the forebay before it occupies 50 percent of the forebay, typically every 3 to 7 years.

Cost Issues

The construction cost of Constructed Wetlands can vary greatly depending on the configuration, location, site-specific conditions, etc. Typical construction costs in 2004 dollars range from approximately \$30,000 to \$65,000 per acre (USEPA Wetlands Fact Sheet, 1999). Costs are generally most dependent on the amount of earthwork and the planting. Annual maintenance costs have been reported to be approximately 2 to 5 percent of the capital costs although there is very little data available to support this.

Specifications:

The following specifications are provided for information purposes only. These specifications include information on acceptable materials for typical applications, but are by no means exclusive or limiting.

The designer is responsible for developing detailed specifications for individual design projects in accordance with the project conditions.

1. **Excavation**

- a. The area to be used for the CWs should be excavated to the required depth below the desired bottom elevation to accommodate any required impermeable liner, organic matter, and/or planting soil.
- b. The compaction of the subgrade and/or the installation of any impermeable liners will follow immediately.

2. **Subsoil Preparation**

- a. Subsoil shall be free from hard clods, stiff clay, hardpan, ashes, slag, construction debris, petroleum hydrocarbons, or other undesirable material. Subsoil must not be delivered in a frozen or muddy state.
- b. Scarify the subsoil to a depth of 8 to 10 inches with a disk, rototiller, or similar equipment.
- c. Roll the subsoil under optimum moisture conditions to a dense seal layer with four to six passes of a sheepsfoot roller or equivalent. The compacted seal layer shall be at least 8 inches thick.

3. **Impermeable Liner**

- a. If necessary, install impermeable liner in accordance with manufacturer's guidelines.
- b. Place a minimum 12 inches of subsoil on top of impermeable liner in addition to planting soil.

4. **Planting Soil (Topsoil)**

- a. See Local Specifications for general Planting Soil requirements.
- b. Use a minimum of 12 inches of topsoil in marsh areas of the Wetland. If natural topsoil from the site is to be used it must have at least 8 percent organic carbon content (by weight) in the A-horizon for sandy soils and 12% for other soil types.
- c. If planting soil is being imported it should be made up of equivalent proportions of organic and mineral materials.
- d. Lime should not be added to planting soil unless absolutely necessary as it may encourage the propagation of invasive species.
- e. The final elevations and hydrology of the wetland zones should be evaluated prior to planting to determine if grading or planting changes are required.

5. **Vegetation**

- a. Plant Lists for Constructed Wetlands can be found in Appendix B. No substitutions of specified plants will be accepted without prior approval of the designer. Planting locations shall be based on the Planting Plan and directed in the field by a qualified wetland ecologist.
- b. All wetland plant stock shall exhibit live buds or shoots. All plant stock shall be turgid, firm, and resilient. Internodes of rhizomes may be flexible and not necessarily rigid. Soft or mushy stock shall be rejected. The stock shall be free of deleterious insect infestation, disease and defects such as knots, sun-scald, injuries, abrasions, or disfigurement that could adversely affect the survival or performance of the plants.
- c. All stock shall be free from invasive or nuisance plants or seeds such as those listed in Appendix B.
- d. During all phases of the work, including transport and onsite handling, the plant materials shall be carefully handled and packed to prevent injuries and desiccation. During transit and onsite handling, the plant material shall be kept from freezing and shall be kept covered, moist, cool, out of the weather, and out of the wind and sun. Plants shall be watered to maintain moist soil and/or plant conditions until accepted.
- e. Plants not meeting these specifications or damaged during handling, loading, and unloading will be rejected.

f. Detailed planting specifications can be found in Appendix B.

6. **Outlet Control Structure**

- a. Outlet control structures shall be constructed of non-corrodible material.
- b. Outlets shall be resistant to clogging by debris, sediment, floatables, plant material, or ice.
- c. Materials shall comply with applicable specifications (PennDOT or AASHTO, latest edition)

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**EAST GOSHEN TOWNSHIP
BOARD OF SUPERVISORS MEETING
1580 PAOLI PIKE
AUGUST 4, 2015 – 7:00 pm
DRAFT MINUTES**

Present: Chairman Marty Shane, Vice-Chairman Senya D. Isayeff, and Supervisors Janet Emanuel, Chuck Proctor, Carmen Battavio, Township Manager Rick Smith, Township CFO Jon Altshul and ABC Member Erich Meyer (Conservancy Board).

Call to order & Pledge of Allegiance:

Marty called the meeting to order at 7:00 pm and asked Carmen to lead the Pledge of Allegiance.

Moment of Silence:

Carmen called for a moment of silence to honor the members of the military around the world who serve to keep us safe and for their families.

Recording of Meeting:

No one indicated that they would be recording the meeting.

Candace Mulholland and Adam Farence, reporter and staff writer for the *Daily Local News*, advised the Board that they would be in attendance for the duration of the meeting.

Chairman's Report:

- Marty announced that the Board will meet in Executive Session at 6:00 pm on August 5, 2015, to discuss a Police labor contract matter.
- Marty acknowledged Dan Truitt and staff member Joe Mobile in the audience.
- Marty recognized **Roger P. Adams**, P.E., Chief of Bureau of Waterways Engineering & Wetlands, Division of Dam Safety and **Desmond Reynolds**, P.E., Chief, Eastern Section, Bureau of Waterways Engineering & Wetlands, Division of Dam Safety, representatives from the Department of Environmental Protection, who were present and prepared to discuss the update on Dam Safety requirements.

Roger commented on the dams in Dan Truitt's District, and most specifically about Milltown Dam, having been completed in 1924 as a water supply dam. East Goshen Township became the owner of it in 1985. As part of the National Dam Inspection Program, during the 1970's, Milltown Dam (MTD) was classified as a "high hazard" dam because of the potential loss of life downstream in extreme rainfall conditions. At this time, the national standard was the Probable Maximum Precipitation (PMP), which was 34 inches of rainfall within a 24 hour period. In 1981, Milltown Dam only passed 30% of the PMP standard.

Marty asked about the classifications of dams. Roger said dams are rated in the following ways: **A Dams**— the largest, over 100 ft in depth; **B Dams** – 40-100 ft of depth; and **C Dams** – under 40 ft. in depth. The other standard is Hazard Potential Standards. **#1 Dams** have the potential to put over 10 lives at risk with property loss, **#2 Dams** have the potential to put 1-10 lives at risk;

1 #3 Dams may cause road flooding and some property damage; and #4 Dams cause no property
2 damage. Hershey Mill Dam (HMD) is classified as a C-3 Level Dam; and Milltown Dam is
3 classified as a C-1 Dam. Roger also brought copies of the evacuation plans for both Milltown
4 Dam and Hershey Mill Dam. Rick commented that these evacuation plans are also published on
5 the Township website.
6

7 *Paul Knox, 40 Lochwood Lane*, asked if any studies have been completed on flood protection
8 that Milltown Dam provides and what the DEP's recommendation would be for handling the
9 MTD. Roger commented that there is no current study on flood protection provided by MTD,
10 and that MTD has 5 feet of available storage before it tops over the dam. Roger said that the
11 DEP is not biased about how to best handle the MTD situation and that they would work with the
12 owners of the dam to handle this situation in the best manner possible.
13

14 *John Smith, 26 Lochwood Lane*: inquired about the changing standards of the DEP regarding
15 rainfall levels for Dams. In 1985 the standard was 24 inches of rainfall for a 24 hour period, and
16 now the standard is 36" within a 24 hour period. Roger answered that the system is now based
17 on **National Oceanic and Atmospheric Administration (NOAA)** standards which increased
18 the precipitation amounts and that the 2011 regulation change is based on the hazard potential of
19 people downstream of the dam.
20

21 *Richard Swenson, 20 Reservoir Road*, asked what happens to the people downstream in the case
22 of 36" of rain without the dam, and also in light of the high level of silt build up in the reservoir.
23 Roger commented that half of the sediment would run out in this scenario.
24

25 *Jim Brandolini, 1200 Burning Bush Lane*, commented that he lives very close to the Hershey's
26 Mill Dam (HMD) and he has never seen the dam overflow. Greenhill Road floods, but he sees
27 this more as a result of poor storm sewer drainage than due to the dam itself. He feels that if this
28 dam is breached, there would a lot of property damage along Greenhill Road and asked how the
29 amount of water draining through this area would be handled? Roger answered that HMD only
30 needs to pass the 100 year water standard.
31

32 *Chuck Heppler, 12A Reservoir Road*, commented that MTD always has a level of water running
33 over the top of the dam, and asked how the DEP would handle the loss of wildlife if the dam
34 were breached. Roger said that the dam is at greatest risk when the entire reservoir is at
35 maximum level and when the earthen part of the dam is topped over and that the PA Boat and
36 Fish Commission would be involved in a dam breach scenario to protect wildlife. Mr. Heppler
37 also asked whether there are any funding resources for dam reinforcement. Roger affirmed that
38 there is state funding for breaching dams. Roger also commented that the DEP has no official
39 timeline in this situation, but they want to see progress in handling the MTD situation.
40

41 *Mike Lemicke, 4 Reservoir Road*, questioned the accuracy of the water storage capacity numbers
42 of the MTD Reservoir by the DEP and asked whether these dimensions could change or be
43 changed as part of the Gannett Fleming study. He also asked if the DEP sees any environmental
44 issues in a breach scenario. Roger said the DEP capacity numbers for the MTD Reservoir are
45 studied very seriously and they are sure that there is an imminent issue at hand. He also stated
46 that the DEP has not looked at environmental issues in this matter.

1
2 *Chuck Heppler, 12A Reservoir Road*, asked if there was another study being done by the DEP
3 that would change the current number standards and when it would be completed. Roger said
4 there is a new study underway regarding Top Probable Mass, but that it would be completed in
5 one to two years and that it would not be of help in the MTD situation because of timing.
6

7 *Karen Jones, 21 Lochwood Lane*, asked what would happen if the Township decided to do
8 nothing with the MTD. Roger said the Township could be subject to legal action, including
9 fines, if no progress is made regarding the MTD.
10

11 *Antoinette Schorn, 28 Reservoir Road*, said she has lived across from the MTD for over 48 years
12 and has never seen a problem with flooding. She said the dam and reservoir are very dear to her
13 heart, that she loves to see the multitude of wildlife in and around the area. She feels this area is
14 a place of serenity and wonder and asked why the government can't find the money necessary to
15 rehab and fix the dam.
16

17 *Georgine Whittum, 33 Lochwood Lane*, asked what happens to the big drop-off on the downside
18 of the dam if there is a breach, what happens to all the built up sediment in the reservoir, whether
19 there are any models as to what the area would look like in a breach, and why there is building
20 going on downstream of the Dam. She also asked if there was some need to breach the dam as
21 opposed to spending the money to correct the dam? Rick answered that there is no building
22 allowed in the 100 year flood plain area downstream and that diagrams are on the Township
23 website that illustrate what the area would look like after a breach. Roger said that the built up
24 sediment in the Reservoir would be removed in stages with stabilizing methods.
25

26 *Jim Sealey, 47 Lochwood Lane*, inquired about the Gannet Fleming study and the loss of life
27 calculations. Marty commented that the Township decision will be based mostly on the findings
28 in the Gannett Fleming report and that the Township will weigh all costs against the loss of life
29 calculations. Marty also said that Hershey Mill Dam and the associated potential loss of life is
30 very low compared to the MTD situation.
31

32 *Jim Brandolini, 1200 Burning Bush Lane*, asked if there was a way of reducing the water volume
33 in the reservoirs and whether the Township could add a drainage pipe to the reservoir and/or re-
34 contour the reservoirs. Roger answered that the water that flows through this area would still
35 need to be addressed.
36

37 *Eric Neast, from Gannett Fleming*, said that a drainage pipe would not help in a 100 year storm
38 scenario and that Gannett Fleming will look at overtopping designs and protections. He said
39 another option would be to make the dam smaller and reduce the height of the dam so that it
40 would no longer be under the DEP regulatory control. He also stated that the sediment buildup
41 would most likely be an issue and that in a breach situation the Township would need to consider
42 water channeling options. Marty commented that the Township had already considered reducing
43 the reservoir size, but that the residents were opposed to this.
44

1 *Georgine Whittum, 33 Lochwood Lane*, thanked Mr. Neast for his explanation and commented
2 that no one knows where the natural pattern of the water will flow in a breach situation, and that
3 it may be more costly to handle the rechanneling of the water in a breach remedy.
4

5 *Karen Jones, 21 Lochwood Lane*, asked if there has been consideration given to water
6 rechanneling in a breach remedy, and what happens to the current zoning in such a scenario?
7 Marty answered that the Township is all built out in that area.
8

9 Carmen commented that he has noticed our storm patterns appear to occur more quickly and
10 severely and asked if the DEP could be overreacting to these changes. Roger said that the DEP
11 doesn't create the storm reports, rather they are created by NOAA.
12

13 Chuck commented that he sees the MTD filling up with silt and significantly reducing the
14 amount of water it can hold. He has noticed the same situation occurring in Ridley and Chester
15 Creeks. Considering this situation problematic and one that would most likely require an
16 expensive remedy, he suggested that the Township look at this issue on the whole and not just as
17 it relates to dams.
18

19 Senya asked Roger what other communities have done in similar situations and whether Roger
20 can provide a list of those communities with contact information. Roger answered that his
21 department oversees approximately 25 dam removals per year and that he will look into this
22 request and get back to the Board with names and contact information. Marty concurred that this
23 was a good idea.
24

25 Senya asked Roger how much time could pass with the Township doing nothing about MTD
26 before the DEP would start legal action. Roger said that would depend on where the MTD sits
27 on the DEP's list of "high hazard dams". Roger was not able to say where the MTD is on that
28 list, but that the list undergoes review every year.
29

30 Marty asked Roger how long the Township would have after the Gannett Fleming report is
31 finalized and the Township had time to review it before the DEP would require the Township to
32 start taking action on the MTD. Roger answered that DE{ would consider after approximately
33 six months from the Gannett Fleming report finalization a reasonable amount of time for the
34 Township to formulate a plan on MTD and to commence the remedy.
35

36 Marty asked for confirmation that if the MTD was built/reinforced to withstand a 100 year
37 rainfall standard it would provide adequate protection downstream. Roger said that was correct.
38

39 Rick asked how the roadway downstream would be affected in overtopping situations during
40 severe rainfall. Roger indicated that this would be something the Township would need to
41 consider and that special concrete configurations are recommended for roadways in these types
42 of areas.
43

44 Senya summarized that he sees the major issues to be weighed surrounding the MTD issue and
45 other similar Dams that require rehabilitation are: the potential loss of life downstream of them;
46 how much flood protection they provide; and the aesthetic nature they provide to the community.

1
2 Roger pointed out that the Federal Permit for the Hershey Mill Dam expires in June 2016. The
3 Federal authorities are working to have that permit converted when it expires, to coincide with
4 the State Permit which expires on December 31, 2018.

5
6 Roger thanked the Township and its residents for their thoughts and comments and expressed his
7 empathy for the emotional nature of this situation.
8

9 **At 9:30 p.m., Marty thanked Roger and Eric for their time in meeting with the Board and**
10 **the residents of East Goshen Township, and called for a five minute break in the meeting.**
11

12 **New Business:**

- 13 • **Consider New Kent Apartments Final Plan Revision:** Chuck moved to approve the
14 Final Plan revisions for the Approved New Kent II Land Development dated 10/9/12,
15 approved on 8/6/2013 and last revised on 6/15/15 with the following condition:

- 16 ○ The applicant shall convert both 309 and 312 Hampton Court into one bedroom
17 units with dens prior to the issuance of any use and occupancy for the new
18 building.

19 Senya seconded, with condition that the written motion needed to correct the date of “last
20 revised on 6/15/15” to “last revised on 7/15/15”. The Board unanimously voted in favor
21 of this motion.

- 22 • **Consider East Goshen Park Master Plan Proposal:** Marty tabled this discussion to the
23 August 11, 2015 Board meeting.
24

25 **Old Business:**

- 26 • **Consider Delaware Valley Health Trust:** Carmen motioned that the Township staff
27 should be directed to take any steps necessary to ensure that the Township can transition
28 to the Delaware Valley Health Trust. Senya seconded. The Board voted unanimously in
29 favor of this motion.
30

31 **New Business (Continued):**

- 32 • **Consider Authorizing the Chairman to execute the stormwater agreement for 1406**
33 **Bramble Lane:** The Board unanimously authorized the execution of this agreement.
34

- 35 • **Consider Township Newsletter Policy:** Carmen motioned to adopted Resolution 2015
36 – 133 establishing guidelines for the East Goshen Township Newsletter. Chuck
37 seconded. The Board voted unanimously to adopt this Resolution.
38

- 39 • **Consider E-waste Event Dates:** Carmen motioned to authorize the Township staff to
40 coordinate an e-waste event on November 21, 2015, and in subsequent years, in the
41 spring and fall of each year on Saturdays mutually convenient to the Township and the
42 recycling vendor. Janet seconded. The Board voted unanimously to authorize the
43 Township staff in this matter.
44
45
46

1 **Any Other Matter:**

- 2 • **Consider Letter from Chester County 20/20:** Senya asked the Board to consider a
3 \$100 general expense contribution to the Chester County 20/20 group. Carmen made a
4 motion to this effect. Senya seconded. The motion passed unanimously.
5
- 6 • **Consider East Goshen Township Namechange:** Senya asked the Board to consider a
7 name change of East Goshen Township to Goshenville Township. The other four Board
8 members were not agreeable to this suggestion.
9

10 **Approval of Minutes:**

11 The Board reviewed and corrected the draft minutes of the July 21, 2015 meeting. Marty said
12 the minutes would stand approved as corrected.
13

14 **Treasurer's Report:**

15 *See attached Treasurer's Report for July 30, 2015.* The Board reviewed the Treasurer's Report
16 and the current invoices. Carmen moved to graciously accept the Treasurer's Report and the
17 Expenditure Register Report as recommended by the Treasurer, to accept the receipts and to
18 authorize payment of the invoices just reviewed. Marty seconded the motion. The Board voted
19 unanimously to approve the motion.
20

21 **Correspondence, Reports of Interest:**

- 22 • The Board acknowledged receipt of Karen Martynick's letter regarding Sycamore trees
23 and the Township's response.
- 24 • The Board acknowledged receipt of the Carroll Engineering letter re: General Permit no.
25 11 and E. Boot Road Bridge.
26

27 **Adjournment:**

28 There being no further business, Senya made a motion to adjourn the meeting at 10:12 pm. Janet
29 seconded the motion. The motion passed unanimously.
30

31 Respectfully submitted,
32 *Christina Rossetti Hartnett*
33 *Recording Secretary*
34

35 Attachment: *Treasurer's Report for July 30, 2015*
36
37

July 30, 2015

**TREASURER'S REPORT
2015 RECEIPTS AND BILLS**

GENERAL FUND

Real Estate Tax	\$1,851.17
Earned Income Tax	\$48,400.00
Local Service Tax	\$5,100.00
Transfer Tax	\$0.00
General Fund Interest Earned	\$0.00
Total Other Revenue	\$23,726.53
Total Receipts:	\$79,077.70

Accounts Payable	\$42,539.17
Electronic Pmts:	
Health Insurance	\$0.00
Credit Card	\$0.00
Postage	\$0.00
Debt Service	\$0.00
Payroll	\$94,293.97
Total Expenditures:	\$136,833.14

STATE LIQUID FUELS FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total State Liquid Fuels:	\$0.00

Expenditures:	\$0.00
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SINKING FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Sinking Fund:	\$0.00

Total Expenditures:	\$86,473.00
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TRANSPORTATION FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Sinking Fund:	\$0.00

Expenditures:	\$0.00
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SEWER OPERATING FUND

Receipts	\$93,985.24
Interest Earned	\$0.00
Total Sewer:	\$93,985.24

Accounts Payable	\$281,424.70
Debt Service	\$0.00
Credit Card	\$1,238.58
Total Expenditures:	\$282,663.28

REFUSE FUND

Receipts	\$37,658.64
Interest Earned	\$0.00
Total Refuse:	\$37,658.64

Expenditures:	\$13,878.30
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SEWER SINKING FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Sewer Sinking Fund:	\$0.00

Expenditures:	\$0.00
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OPERATING RESERVE FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Operating Reserve Fund:	\$0.00

Expenditures:	\$0.00
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Events Fund

Receipts	\$0.00
Interest Earned	\$0.00
Total Events Fund:	\$0.00

Expenditures:	\$0.00
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**EAST GOSHEN TOWNSHIP
BOARD OF SUPERVISORS MEETING
1580 PAOLI PIKE
AUGUST 11, 2015 – 7:00 pm
DRAFT MINUTES**

Present: Chairman Marty Shane, Vice-Chairman Senya D. Isayeff, and Supervisors Janet Emanuel, Chuck Proctor, Carmen Battavio, Township Manager Rick Smith, Township Solicitor Kristen Camp, Township Director of Code Enforcement/Zoning Officer Mark Gordon, ABC Member Erich Meyer (Conservancy Board), Township Finance Dept. Member Brian McCool.

Call to order & Pledge of Allegiance:

Marty called the meeting to order at 7:00 pm and asked Senya to lead the Pledge of Allegiance.

Moment of Silence:

Carmen called for a moment of silence to honor the members of the military who keep us safe and send Godspeed to all those who have lost their lives in the line of duty.

Recording of Meeting:

Colleen Pimer, a court stenographer, was acknowledged and would be recording the Public Hearing.

Candace Mulholland, reporter for the Daily Local News, was acknowledged and was present for the meeting.

Michaelle Bond, a staff writer for The Inquirer, was present for the meeting.

Chairman's Report: Marty recognized his fellow Board of Supervisors, Township staff and Solicitor, Court Stenographer and Newspaper Reporters who were present for the meeting.

- Marty announced that the draft Township Comprehensive Plan is available for review on the Township website. He commented that this Plan is created every ten years and that it maps out the vision for the Township moving forward.
- Marty commented that the Board met in executive session on August 5, 2015 to discuss a police labor contract issue.
- Marty acknowledged the success of the 2nd Annual East Goshen Township-Immaculata University Entrepreneurial Academy that took place on July 20 to 23, 2015. He commended the local businesses that opened their doors to this endeavor.

Public Hearings:

- The Board held a public hearing to consider an Ordinance amending the East Goshen Township Zoning Ordinance of 1997, as amended, Section 240-6 to add a definition for "Dogs" and Section 240-32.A (1) concerning keeping of animals and household pets as an accessory use. Marty made a motion to adopt. Janet seconded. The motion passed 3-2, with Senya and Chuck opposed. A court stenographer was present and will provide a full transcript of the hearing.

- 1 • The Board held a public hearing to consider an Ordinance of East Goshen Township
2 regulating dogs in the Township. The Board continued the public hearing to the October
3 6, 2015 Board meeting to allow the Township Solicitor time to make wording changes. A
4 court stenographer was present and will provide a full transcript of the hearing.
- 5 • The Board held a public hearing to consider an Ordinance of the Township of East
6 Goshen, Chester County, Pennsylvania, repealing Ordinance No. 129-E-2012 and
7 reinstating the West Chester Area Council of governments Board of Appeals. Carmen
8 made a motion to adopt. Senya seconded. The motion passed unanimously. A court
9 stenographer was present and will provide a full transcript of the hearing.

10
11 **Financial Report:** Marty presented the July 2015 Financial Report. He commented that “in
12 revenue” should be added to the wording under Other Funds—The State Liquid Fuels Fund had
13 \$430,954 (in revenue) and no expenses.

14
15 **Old Business:**

16 **Consider East Goshen Park Master Plan Proposal:** Carmen motioned that upon the
17 recommendation of Jason Lang, the Board select the firm of Simone Collins for the East Goshen
18 Park Master Plan Project. Senya seconded. Marty suggested that this award should go to the
19 firm that has had the greatest success in securing grant money. Rick commented that Simone
20 Collins has secured \$15 million in grant money between the years of 1993 to 2014.

21
22 Mark Gordon commented that the Simone Collins proposal was first rate and the best of all the
23 proposals, but he raised concern about the Project Manager that was proposed by Simone
24 Collins. He felt that Tom Comitta’s firm offered the next best proposal, and given that his firm
25 has done so much previous work in the Township Park, that perhaps it would be advisable to
26 consider them further.

27
28 Senya suggested tabling this motion and meeting further with the Simone team. Janet
29 recommended meeting with both the Simone and Comitta teams at the September 1, 2015 Board
30 meeting, starting at 7:00 p.m. for 15 minute meetings each. The Board unanimously agreed that
31 this was the best course of action.

32
33 **New Business:**

34 **Consider Water Meters Used For Commercial Sewer Billing:** Brian McCool discussed his
35 recommendation to adopt Resolution 2015-134 requiring the installation of water meters at
36 commercial properties that have a well or deduct meter and that the Township pay for the water
37 meter and the property owner will be responsible for the installation. Both Marty and Mark
38 Gordon felt it would be more appropriate for the Township to not only supply the new water
39 meters, but to also install them to avoid any faulty installations. Marty made this motion.
40 Carmen seconded. The Board was in unanimous agreement on this motion.

41
42 **Any Other Matter:**

43 **Consider Storm Water Agreement for 612 Meadow Drive** Carmen made a motion to
44 authorize the Chairman to execute the agreement, Janet seconded. The Board was in unanimous
45 agreement on this motion.

1 **Consider Item regarding the Paoli Pike Trail:** Mark Gordon discussed a recommended
2 change to the Paoli Pike Trail as had been initially proposed. It is recommended that from
3 Airport Road to Boot Road the Trail would run along the north side of Paoli Pike, with the
4 crossing of Boot Road between the Sunoco Station and the CVS. The Trail would then continue
5 on the south side of Paoli Pike between the CVS and East Goshen Park. All were in favor of
6 this.

7
8 **Treasurer's Report:**

9 *See attached Treasurer's Report for August 6, 2015.* The Board reviewed the Treasurer's Report
10 and the current invoices. Chuck noted that the algae treatments in the Bow Tree ponds are not
11 effective and the associated costs are a waste of money. Senya asked for an explanation of the
12 Preschoolers entertainment costs for a particular Township event. Carmen moved to graciously
13 accept the Treasurer's Report and the Expenditure Register Report as recommended by the
14 Treasurer, to accept the receipts and to authorize payment of the invoices just reviewed. Janet
15 seconded the motion. The Board voted unanimously to approve the motion.

16
17 **Correspondence, Reports of Interest:**

- 18 • The Board acknowledged receipt of the July 29, 2015 Remedial Action Progress Report
19 for the Sunoco Station.

20
21 **Adjournment:**

22 There being no further business, Carmen made a motion to adjourn the meeting at 9:22 pm.
23 Janet seconded the motion. The motion passed unanimously.

24
25 Respectfully submitted,
26 *Christina Rossetti Hartnett*
27 *Recording Secretary*

28
29 Attachment: *Treasurer's Report for August 6, 2015*
30

August 6, 2015

**TREASURER'S REPORT
2015 RECEIPTS AND BILLS**

GENERAL FUND

Real Estate Tax	\$952.47
Earned Income Tax	\$431,973.25
Local Service Tax	\$1,703.14
Transfer Tax	\$0.00
General Fund Interest Earned	\$3,033.88
Total Other Revenue	\$22,181.71
Total Receipts:	\$459,844.45

Accounts Payable	\$258,772.90
<u>Electronic Pmts:</u>	
Health Insurance	\$0.00
Credit Card	\$1,238.58
Postage	\$0.00
Debt Service	\$0.00
Payroll	\$49,928.00
Total Expenditures:	\$309,939.48

STATE LIQUID FUELS FUND

Receipts	\$0.00
Interest Earned	\$54.92
Total State Liquid Fuels:	\$54.92

Expenditures:	\$0.00
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SINKING FUND

Receipts	\$0.00
Interest Earned	\$9,178.36
Total Sinking Fund:	\$9,178.36

Total Expenditures:	\$68,974.10
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TRANSPORTATION FUND

Receipts	\$0.00
Interest Earned	\$206.00
Total Sinking Fund:	\$206.00

Expenditures:	\$0.00
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SEWER OPERATING FUND

Receipts	\$114,130.87
Interest Earned	\$41.52
Total Sewer:	\$114,172.39

Accounts Payable	\$10,262.75
Debt Service	\$0.00
Credit Card	(\$1,238.58)
Total Expenditures:	\$9,024.17

REFUSE FUND

Receipts	\$33,371.47
Interest Earned	\$14.88
Total Refuse:	\$33,386.35

Expenditures:	\$5,748.79
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SEWER SINKING FUND

Receipts	\$0.00
Interest Earned	\$230.84
Total Sewer Sinking Fund:	\$230.84

Expenditures:	\$0.00
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OPERATING RESERVE FUND

Receipts	\$0.00
Interest Earned	\$267.04
Total Operating Reserve Fund:	\$267.04

Expenditures:	\$0.00
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Events Fund

Receipts	\$0.00
Interest Earned	\$0.68
Total Events Fund:	\$0.68

Expenditures:	\$0.00
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**TREASURER'S REPORT
2015 RECEIPTS AND BILLS**

GENERAL FUND

Real Estate Tax	\$3,045.30
Earned Income Tax	\$309,500.00
Local Service Tax	\$66,900.00
Transfer Tax	\$76,695.63
General Fund Interest Earned	\$0.00
Total Other Revenue	\$165,281.15
Total Receipts:	\$621,422.08

Accounts Payable	\$172,333.33
<u>Electronic Pmts:</u>	
Health Insurance	\$44,141.95
Credit Card	\$1,071.69
Postage	\$1,000.00
Debt Service	\$14,831.76
Payroll	\$133,451.08
Total Expenditures:	\$366,829.81

STATE LIQUID FUELS FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total State Liquid Fuels:	\$0.00

Expenditures:	\$0.00
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SINKING FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Sinking Fund:	\$0.00

Total Expenditures:	\$4,851.00
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TRANSPORTATION FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Sinking Fund:	\$0.00

Expenditures:	\$0.00
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SEWER OPERATING FUND

Receipts	\$237,672.09
Interest Earned	\$0.00
Total Sewer:	\$237,672.09

Accounts Payable	\$43,870.46
Debt Service	\$32,424.54
Credit Card	\$0.00
Total Expenditures:	\$76,295.00

REFUSE FUND

Receipts	\$63,065.39
Interest Earned	\$0.00
Total Refuse:	\$63,065.39

Expenditures:	\$68,752.28
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SEWER SINKING FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Sewer Sinking Fund:	\$0.00

Expenditures:	\$0.00
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OPERATING RESERVE FUND

Receipts	\$0.00
Interest Earned	\$0.00
Total Operating Reserve Fund:	\$0.00

Expenditures:	\$0.00
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Events Fund

Receipts	\$0.00
Interest Earned	\$0.00
Total Events Fund:	\$0.00

Expenditures:	\$0.00
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**EAST GOSHEN TOWNSHIP
MEMORANDUM**

TO: BOARD OF SUPERVISORS
FROM: BRIAN MCCOOL
SUBJECT: PROPOSED PAYMENTS OF BILLS
DATE: 08-27-15

Please accept the attached Treasurer's Report and Expenditure Register Report for consideration by the Board of Supervisors. I recommend the Treasurer's Report and each register item be approved for payment.

The attached Treasurer's Report includes three weeks of revenues and expenses.

General Fund expenses include \$51,288 for stormwater piping for work that was done in the spring, \$14,491 for the remainder of the 2014 auditing expense, \$5,697 for the Paoli Pike trail feasibility study and \$9,872 for comprehensive plan expenses.

General Fund revenue includes \$117,304 for franchise fee revenue and strong EIT, LST and Transfer Tax receipts.

Please advise if the Board decides to make any changes or if the reports are acceptable as drafted.



**REGULAR
INVOICE SUMMARY**

EAST GOSHEN TOWNSHIP
 EAST GOSHEN TWP
 1580 PAOLI PIKE
 West Chester, PA 19380

BILL ACCOUNT NUMBER: 1500030001	INVOICE NUMBER: 150812262622
BILL ACCOUNT NAME: EAST GOSHEN TOWNSHIP	INVOICE MONTH(S): September 2015
CLIENT NUMBER: 150003	PREPARED DATE: 8/12/2015
CLIENT NAME: EAST GOSHEN TOWNSHIP	PAYMENT DUE DATE: 9/1/2015

PRIOR BILLING INFORMATION

Last Bill Amount	\$12,140.05
Payments Received Through 08/11/2015	(\$12,140.05)

BALANCE FORWARD **\$0.00**

CURRENT CHARGES

<u>Premium Summary</u>	\$12,140.05
<u>Member Rate Detail</u>	

TOTAL CURRENT CHARGES **\$12,140.05**

TOTAL DUE **\$12,140.05**

[Click Here for Paper Payment](#)

[close this window](#)



**REGULAR
INVOICE SUMMARY**

EAST GOSHEN TOWNSHIP
EAST GOSHEN TWP
1580 PAOLI PIKE
West Chester, PA 19380

BILL ACCOUNT NUMBER: 1500030002	INVOICE NUMBER: 150812247169
BILL ACCOUNT NAME: EAST GOSHEN TOWNSHIP	INVOICE MONTH(S): September 2015
CLIENT NUMBER: 150003	PREPARED DATE: 8/12/2015
CLIENT NAME: EAST GOSHEN TOWNSHIP	PAYMENT DUE DATE: 9/1/2015

PRIOR BILLING INFORMATION

Last Bill Amount	\$18,194.12
Payments Received Through 08/11/2015	(\$18,194.12)

BALANCE FORWARD

\$0.00

CURRENT CHARGES

<u>Premium Summary</u>	\$17,832.99
<u>Member Activity</u> Processed Through 08/11/2015	(\$2,166.78)
<u>Member Rate Detail</u>	

TOTAL CURRENT CHARGES

\$15,666.21

TOTAL DUE

\$15,666.21

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**REGULAR
INVOICE SUMMARY**

EAST GOSHEN TOWNSHIP
EAST GOSHEN TWP
1580 PAOLI PIKE
West Chester, PA 19380

BILL ACCOUNT NUMBER: 1500030003	INVOICE NUMBER: 150812247176
BILL ACCOUNT NAME: EAST GOSHEN TOWNSHIP	INVOICE MONTH(S): September 2015
CLIENT NUMBER: 150003	PREPARED DATE: 8/12/2015
CLIENT NAME: EAST GOSHEN TOWNSHIP	PAYMENT DUE DATE: 9/1/2015

PRIOR BILLING INFORMATION

Last Bill Amount	\$16,335.69
Payments Received Through 08/11/2015	(\$16,335.69)

BALANCE FORWARD

\$0.00

CURRENT CHARGES

<u>Premium Summary</u>	\$16,335.69
<u>Member Rate Detail</u>	

TOTAL CURRENT CHARGES

\$16,335.69

TOTAL DUE

\$16,335.69

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[close this window](#)

EAST GOSHEN TOWNSHIP
MONTHLY DEBT PAYMENT BREAKDOWN
August 25, 2015

GENERAL FUND:

Interest payment	Principal payment	Loan Description	Original loan amount	Remaining Principal	Retirement Date
\$10,771.41	\$0	Multi purpose 9 projects	\$5,500,000	\$2,999,000	2023
\$3,623.55	\$0	Applebrook Park	\$3,000,000	\$1,071,000	2019
\$436.80	\$0	Spray Irrigation	\$287,000	\$126,000	2021

SEWER FUND:

Interest payment	Principal payment	Loan Description	Original loan amount	Remaining Principal	Retirement Date
\$1,289.67	\$0	Sewer Operations Munic Authority	\$1,128,000	\$365,000	2018
\$25,014.00	\$0	RCSTP Expansion	\$9,500,000	\$7,580,000	2032
\$6,120.87	\$0	Diversion Projects	\$2,500,000	\$2,409,000	2033

Report Date 08/18/15

Expenditures Register
GL-1508-49014

PAGE 1

PARP05 run by BARBARA 4 : 51 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01	GENERAL FUND									
2762	44610	2	01452 3204	AJB A.J. BLOSENSKI INC. COMMUNITY DAY 30 EVENT BOXES (ONLY CHARGED FOR 5) 25 DONATED	58147571	08/18/15		08/18/15		60.00
										60.00
1657	AQUA PA									
	44618	1	01411 3630	HYDRANT & WATER SERVICE 000309987 0309987 6/30-7/31/15 HY6	080315 HY6	08/18/15		08/18/15		137.52
	44619	1	01411 3630	HYDRANT & WATER SERVICE 000310033 0310033 6/30-7/31/15 186	080315-279	08/18/15		08/18/15		4,637.79
	44619	2	01411 3631	HYDRANTS - RECHARGE EXPENSE 000310033 0310033 6/30-7/31/15 93	080315 279	08/18/15		08/18/15		2,318.90
										7,094.21
82	ASSOCIATED TRUCK PARTS									
	44615	1	01430 2330	VEHICLE MAINT AND REPAIR STARTER KIT AND STARTER CORE	990204	08/18/15		08/18/15		369.76
	44616	1	01430 2330	VEHICLE MAINT AND REPAIR CREDIT - STARTER CORE CHARGE	991276	08/18/15		08/18/15		-80.00
	44617	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS RAINCAP FOR GENERATOR	992692	08/18/15		08/18/15		12.52
										302.28
3569	BALFORD FARMS									
	44620	1	01452 2000	SUMMER PROGRAM SUPPLIES FRUIT DRINKS - SUMMER CAMP 6/30 & 7/17	199164&222997	08/18/15		08/18/15		209.08
										209.08
1998	BARCO PRODUCTS COMPANY									
	44621	1	01116 1000	CLEARING ACCOUNT 6' MEMORIAL BENCH CHAMBERS/CELLUCCI	071500129	08/18/15		08/18/15		837.05
	44622	1	01116 1000	CLEARING ACCOUNT 6' MEMORIAL BENCH MARINO/RICCI-AVIL	071500508	08/18/15		08/18/15		837.05
										1,674.10
113	BARTLETT TREE EXPERTS									
	44623	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS APPLY SULFUR TO TWP. PIN OAK	36378840-0	08/18/15		08/18/15		102.00
										102.00

Report Date 08/18/15

Expenditures Register
GL-1508-49014

PAGE 3

PARP05 run by BARBARA

4 : 51 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
3249	44634	1	01401 3210	COMCAST 8499-10-109-0107712 COMMUNICATION EXPENSE 0107712 8/5-9/4/15 E.G. PARK LED	080215	08/18/15		08/18/15		103.63
										103.63
3490	44633	1	01401 3210	COMCAST 8499-10-109-0111284 COMMUNICATION EXPENSE 0111284 8/9-9/8/15 SPEC.VIDEO PW	080215	08/18/15		08/18/15		10.65
										10.65
317	44635	1	01437 2460	CONTRACTOR'S CHOICE GENERAL EXPENSE - SHOP CHAIN LOOP & 12" BAR	00192608	08/18/15		08/18/15		41.41
										41.41
1990	44636	1	01401 2100	CRYSTAL SPRINGS MATERIALS & SUPPLIES SPLENDA, COFFEE & HOT CHOCOLATE	3154612 080715	08/18/15		08/18/15		164.27
										164.27
3099	44637	1	01452 3204	DELAWARE VALLEY LASER SKIRMISH COMMUNITY DAY 3 HOUR LASER SKIRMISH - COMM.DAY	07523-2	08/18/15		08/18/15		1,250.00
										1,250.00
2555	44639	1	01437 2460	FASTENAL GENERAL EXPENSE - SHOP USS THR-HARD 1/2 YZ & ZINC HEX LAGNUTS	PAMAV18670	08/18/15		08/18/15		33.33
										33.33
3570	44640	1	01452 3717	FAUNCE, ELIZABETH HIGH SCHOOL ENTREPRENEURIAL ACADEMY REIMBURSEMENT FOR HS ENTRE SUPPLIES	080515	08/18/15		08/18/15		21.66
										21.66
2631	44641	1	01401 2110	GRAPHIC IMPRESSIONS OF AMERICA INC. STATIONERY BOS LETTERHEAD	15-4767	08/18/15		08/18/15		104.00
										104.00

Report Date 08/18/15

Expenditures Register
GL-1508-49014

PAGE 4

PARP05 run by BARBARA

4 : 51 PM

Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
2087				KDI INC.						
	44642	1	01401 3840	RENTAL OF EQUIP. -OFFICE LEXMARK/XM1145 CONTRACT OVRAGE CHG 5/9/15 - 8/8/15	485053	08/18/15		08/18/15		6.53
										6.53
719				KEEN COMPRESSED GAS COMPANY						
	44643	1	01437 2460	GENERAL EXPENSE - SHOP	83053587	08/18/15		08/18/15		55.29
	44644	1	01437 2460	VARIOUS CYLINDERS OF GASES GENERAL EXPENSE - SHOP LEASE 100 CF ARGON CYLINDER	72007574	08/18/15		08/18/15		59.00
										114.29
2442				KENT AUTOMOTIVE						
	44645	1	01430 2330	VEHICLE MAINT AND REPAIR SAW BLADES & FLOORING SCREWS	9303443373	08/18/15		08/18/15		518.17
										518.17
1529				KRAPF JR. & SONS INC., GEORGE						
	44646	1	01452 2010	SUMMER PROGRAM FIELD TRIPS YTH.CAMP TRIPS TRANSPORT. OASIS FUN CTR, FRENCH CRK.PK.(2),REGAL CINEMA ,CHUCK-E-CHEESE & ARNOLDS FAM.CTR.	SB08159400	08/18/15		08/18/15		2,195.00
										2,195.00
3308				LANG, JASON						
	44647	1	01452 3509	ROBOTICS PROGRAM	080515	08/18/15		08/18/15		19.99
	44647	2	01452 3717	ROBOTIC LEGO SUPPLIES HIGH SCHOOL ENTREPRENEURIAL ACADEMY	080515	08/18/15		08/18/15		290.31
	44647	3	01452 2000	HS ENTRE. ACADEMY SUPPLIES SUMMER PROGRAM SUPPLIES YTH CAMP SUPPLIES	080515	08/18/15		08/18/15		280.41
										590.71
765				LENNI ELECTRIC CORPORATION						
	44648	1	01434 3610	STREET LIGHTING STREETLIGHT MAINT. JULY-SEPT.2015	150817	08/18/15		08/18/15		117.00
										117.00

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2861	44649	1	01430 2330	LITTLE INC., ROBERT E. VEHICLE MAINT AND REPAIR MOWER PARTS - V-BELT	03-347186	08/18/15		08/18/15		135.88
										135.88
2225	44650	1	01401 3840	MAIL FINANCE RENTAL OF EQUIP. -OFFICE POSTAGE MACHINE RENTAL 6/5-9/4/15	H5459933	08/18/15		08/18/15		522.00
										522.00
829	44652	1	01454 3740	MASTER'S TOUCH EQUIPMENT MAINT. & REPAIR	17168	08/18/15		08/18/15		84.00
	44653	1	01409 3740	EXTERM.SERVICE - AUG.2015 E.G.PARK TWP. BLDG. - MAINT & REPAIRS	17010	08/18/15		08/18/15		104.00
	44654	1	01409 3740	EXTERM.SERVICE - AUG.2015 TWP.&PW TWP. BLDG. - MAINT & REPAIRS	17167	08/18/15		08/18/15		190.00
	44655	1	01409 3840	EXTERM.SERVICE - AUG.2015 BLKSMTH. DISTRICT COURT EXPENSES	17009	08/18/15		08/18/15		58.00
										436.00
2622	44657	1	01487 4600	MIDDLETON, CHRISTIAN TRAINING & SEMINARS-EMPLY REIMBURSEMENT FOR REQUIRED DCED TRAINING	081815	08/18/15		08/18/15		70.00
										70.00
36	44658	1	01438 2455	MYERS INC., ALLAN A. MATER. & SUPPLY-RESURFAC. 2.34 TONS 15-C28 25mm 64-22-3-30	30-00081103	08/18/15		08/18/15		94.50
	44659	1	01438 2455	MATER. & SUPPLY-RESURFAC. 3.59 TONS 15-C28 25mm 64-22-3-30	30-00080939	08/18/15		08/18/15		144.97
										239.47
1554	44660	1	01401 2100	OFFICE DEPOT MATERIALS & SUPPLIES TONER & SCISSORS	782400341001	08/18/15		08/18/15		203.77
										203.77

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1029				PDM SERVICE COMPANY INC						
	44661	1	01452 3204	COMMUNITY DAY	2015-11432-2	08/18/15		08/18/15		1,145.00
				SOUND SYSTEM RENTAL - COMMUN.DAY						
										1,145.00
2593				PECO - 18510-39089						
	44666	1	01454 3600	UTILITIES	080715	08/18/15		08/18/15		75.38
				18510-39089 7/2-8/3/15 BOW TRE PUMP						
										75.38
1032				PECO - 99193-01302						
	44664	1	01409 3600	TWP. BLDG. - FUEL, LIGHT, WATER	080715	08/18/15		08/18/15		1,609.55
				99193-01302 6/25-7/27/15						
	44664	2	01454 3600	UTILITIES	080715	08/18/15		08/18/15		55.94
				99193-01302 6/25-7/27/15						
										1,665.49
1052				PENNONI ASSOCIATES INC.						
	44667	1	01408 3130	ENGINEERING SERVICES	647546	08/18/15		08/18/15		231.25
				SERVICE THRU 7/26/15 GRANT ASSIST.						
	44668	1	01408 3130	ENGINEERING SERVICES	647554	08/18/15		08/18/15		4,000.00
				SERVICE THRU 7/26/15 ANNUAL PA DEP						
				DAM INSPECT.						
	44669	1	01436 3130	STORMWATER ENGINEERING	647553	08/18/15		08/18/15		381.50
				SERV. THRU 7/26/15 2014 STORM SEWER						
	44670	1	01408 3131	ENGINEER. & MISC.RECHARGES	647547	08/18/15		08/18/15		1,077.50
				SERV. THRU 7/26/15 GOSHEN MEADOWS						
	44671	1	01408 3131	ENGINEER. & MISC.RECHARGES	647548	08/18/15		08/18/15		142.50
				SERV. THRU 7/26/15 MANLEY RD.LOT 1						
	44672	1	01408 3131	ENGINEER. & MISC.RECHARGES	647549	08/18/15		08/18/15		1,291.25
				SERV. THRU 7/26/15 SUNNY RIDGE						
	44673	1	01408 3131	ENGINEER. & MISC.RECHARGES	647550	08/18/15		08/18/15		403.75
				SERV. THRU 7/26/15 YARDLEY VILL.						
	44674	1	01408 3131	ENGINEER. & MISC.RECHARGES	647551	08/18/15		08/18/15		801.25
				SERV. THRU 7/26/15 NEW KENT						
	44675	1	01408 3131	ENGINEER. & MISC.RECHARGES	647555	08/18/15		08/18/15		297.50
				SERV. THRU 7/26/15 FALCONE						
	44676	1	01408 3131	ENGINEER. & MISC.RECHARGES	647558	08/18/15		08/18/15		503.00
				SERV. THRU 7/26/15 CHARTER CHASE						
										9,129.50

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1005	44677	1	01438 3840	PENNSYLVANIA ONE CALL SYSTEM EQUIPMENT RENTAL MONTHLY ACTIVITY - JULY 2015	0000649534	08/18/15		08/18/15		39.11
										39.11
3101	44679	1	01452 3204	PONY RIDES BY DONNA COMMUNITY DAY PONY RIDES & PETTING ZOO - COMM.DAY	061415-R	08/18/15		08/18/15		1,000.00
										1,000.00
2342	44680	1	01438 2455	POWERPRO EQUIPMENT MATER. & SUPPLY-RESURFAC. PREMIX MORTAR, MASONRY & SAND	P01563	08/18/15		08/18/15		900.00
	44681	1	01438 2455	MATER. & SUPPLY-RESURFAC. MORTAR & RED MATTEX	P01457	08/18/15		08/18/15		629.50
										1,529.50
2711	44682	1	01409 3745	R.S. SALES & SERVICE INC. PW BUILDING - MAINT REPAIRS REPAIR ICE MACHINE	67866	08/18/15		08/18/15		758.00
										758.00
1161	44683	1	01430 2320	REILLY & SONS INC VEHICLE OPERATION - FUEL 305.0 GALLONS DIESEL	88067	08/18/15		08/18/15		527.04
										527.04
1212	44684	1	01430 2330	SAYRE INC., G.L. VEHICLE MAINT AND REPAIR AMBER FNDR LITES	1-252090054	08/18/15		08/18/15		54.00
	44685	1	01430 2330	VEHICLE MAINT AND REPAIR TRUCK REPAIR - 2008 STERLING NEW GASKETS	1-252090161	08/18/15		08/18/15		356.59
										410.59
2287	44686	1	01414 3100	SHIRLEY, SUSAN D. COURT REPORTERS TRANSCRIPT - PUBLIC HEARING 7/7/15	080415	08/18/15		08/18/15		125.50
										125.50

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03				SINKING FUND						
2889				MARSH CREEK SIGNS						
	44651	1	03430 7400	CAPITAL REPLACEMENT - HWY EQUIP GRAPHICS & LETTERING - TRUCKS #4 & #10	10243	08/18/15		08/18/15		396.00
										396.00

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05				SEWER OPERATING						
40	44614	1	05420 3700	ALLIED CONTROL SERVICES C.C. METERS-MAINT. & REPRS. ON-SITE INSPECTION & CALIBRATION SERVICE 7/10/15	308399	08/18/15		08/18/15		810.75
										810.75
2918				ALS ENVIRONMENTAL						
	44611	1	05422 4500	R.C. STP-CONTRACTED SERV. LAB TESTS - RCSTP 7/21-7/28/15	40-164220	08/18/15		08/18/15		156.00
	44612	1	05422 4500	R.C. STP-CONTRACTED SERV. LAB TESTS - RCSTP 7/24-8/3/15	40-166321	08/18/15		08/18/15		48.00
	44613	1	05422 4500	R.C. STP-CONTRACTED SERV. LAB TESTS - RCSTP 7/28-8/4/15	40-169058	08/18/15		08/18/15		314.00
										518.00
151				BLOSENSKI DISPOSAL CO, CHARLES						
	44624	1	05422 4502	R.C. SLUDGE-LAND CHESTER SWITCH 20 YDS WITH LINER 8/3/15	10311	08/18/15		08/18/15		181.00
										181.00
241				C.C. SOLID WASTE AUTHORITY						
	44627	2	05422 4502	R.C. SLUDGE-LAND CHESTER WEEK 8/3/15 - 8/7/15	41106	08/18/15		08/18/15		603.00
										603.00
431				EJ USA INC. (EAST JORDAN)						
	44638	1	05420 3702	C.C. COLLEC.-MAINT. & REPR. MANHOLE & SEWER COVERS	3863653	08/18/15		08/18/15		3,649.80
	44638	2	05422 3701	R.C. COLLEC.-MAINT. & REPR MANHOLE & SEWER COVERS	3863653	08/18/15		08/18/15		3,649.80
										7,299.60
829				MASTER'S TOUCH						
	44656	1	05422 3700	R.C. STP-MAINT. & REPAIRS EXTERM. SERVICE - AUG.2015 RCSTP	17011	08/18/15		08/18/15		33.00
										33.00

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2827				PECO - 04725-43025						
	44663	1	05420 3602	C.C. COLLECTION -UTILITIES 04725-43025 7/8-8/6/15 WYLPEN PUMP	080715	08/18/15		08/18/15		498.66
										498.66
1031				PECO - 99193-01204						
	44665	1	05420 3602	C.C. COLLECTION -UTILITIES 99193-01204 6/25 - 7/30/15	080715	08/18/15		08/18/15		390.99
	44665	2	05420 3600	C.C. METERS - UTILITIES 99193-01204 6/25 - 7/30/15	080715	08/18/15		08/18/15		9.96
	44665	3	05422 3601	R.C. COLLEC.-UTILITIES 99193-01204 6/25 - 7/30/15	080715	08/18/15		08/18/15		65.53
	44665	4	05422 3600	R.C. STP -UTILITIES 99193-01204 6/25 - 7/30/15	080715	08/18/15		08/18/15		10,009.09
										10,475.57
1035				PENDERGAST SAFETY EQUIP.						
	44662	1	05420 3702	C.C. COLLEC.-MAINT. & REPR. EXOFIT NEX HARNESSSES	1079230-01R	08/18/15		08/18/15		259.85
	44662	2	05422 3701	R.C. COLLEC.-MAINT. & REPR EXOFIT NEX HARNESSSES	1079230-01R	08/18/15		08/18/15		259.84
	44662	3	05422 3700	R.C. STP-MAINT. & REPAIRS EXOFIT NEX HARNESSSES	1079230-01R	08/18/15		08/18/15		259.84
										779.53
1005				PENNSYLVANIA ONE CALL SYSTEM						
	44677	2	05422 3701	R.C. COLLEC.-MAINT. & REPR MONTHLY ACTIVITY - JULY 2015	0000649534	08/18/15		08/18/15		39.11
	44677	3	05422 3702	R.C. COLLECTION-MAINT. & REP I&I MONTHLY ACTIVITY - JULY 2015	0000649534	08/18/15		08/18/15		39.11
										78.22
1082				PIPE DATA VIEW						
	44678	1	05420 3701	C.C. INTERCEPT.-MAINT.&REP REPAIR LEAK MANHOLE - RESERVOIR RD.	14172	08/18/15		08/18/15		700.00
										700.00
2773				VERIZON - PW FIOS 9583						
	44690	1	05422 3601	R.C. COLLEC.-UTILITIES JULY 28 - AUGUST 27, 2015 PW FIOS	072815-9583	08/18/15		08/18/15		89.99
										89.99

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06		REFUSE								
2762	44610	1	06427 4500	AJB A.J. BLOSENSKI INC. CONTRACTED SERV. RESIDENTIAL PICK-UP AUGUST 2015	58147571	08/18/15		08/18/15		56,396.70
										56,396.70
241	44627	1	06427 4502	C.C. SOLID WASTE AUTHORITY LANDFILL FEES WEEK 8/3/15 - 8/7/15	41106	08/18/15		08/18/15		5,577.49
										5,577.49
										135,041.63
0 Printed, totalling										135,041.63

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	50,604.12	GENERAL FUND
03	03	396.00	SINKING FUND
05	05	22,067.32	SEWER OPERATING
06	06	61,974.19	REFUSE
		135,041.63	

PERIOD SUMMARY

Period	Amount
1508	135,041.63
	135,041.63

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01		GENERAL FUND								
3572	44694	1	01436 2450	PPM PROGRESSIVE PIPELINE MANAGEMENT STORMWATER MATERIALS & SUPPLIES GLENBROOK LN. SLIPLINING-CORRUGATED METAL STORM MAIN	15-4465	08/19/15		08/19/15		51,288.00
										51,288.00
										51,288.00
										0 Printed, totalling 51,288.00

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	51,288.00	GENERAL FUND
		51,288.00	

PERIOD SUMMARY

Period	Amount
1508	51,288.00
	51,288.00

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01		GENERAL FUND								
2226				21ST CENT.MEDIA-PHILLY #884433						
	44698	1	01401 3400	ADVERTISING - PRINTING NOTICE - PAOLI PK. TRAIL	682742	08/21/15		08/21/15		65.90
	44699	1	01401 3400	ADVERTISING - PRINTING NOTICE - PUBLIC HEARING 8/11	684845	08/21/15		08/21/15		376.70
	44699	2	01401 3400	ADVERTISING - PRINTING NOTICE - 2 PUBLIC HEARINGS 8/11	685021	08/21/15		08/21/15		236.84
	44699	3	01401 3400	ADVERTISING - PRINTING NOTICE - LOCAL TRAFFIC ADVISORY	694533	08/21/15		08/21/15		68.49
	44699	4	01401 3400	ADVERTISING - PRINTING NOTICE - COMP.PLAN TASK FORCE	697892	08/21/15		08/21/15		68.49
	44699	5	01401 3400	ADVERTISING - PRINTING NOTICE - W.C. COG	705326	08/21/15		08/21/15		78.85
										895.27
6				ABC PAPER & CHEMICAL INC						
	44700	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS BOWLS, C-FOLD TOWELS, URINAL BLOCKS PLASTIC UTENSILS & PAPER PLATES	064022	08/21/15		08/21/15		274.77
	44701	1	01454 2000	MAINTENANCE SUPPLIES MOP BUCKET & WRINGER COMBOS	064338	08/21/15		08/21/15		110.72
	44702	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS TRASH CAN LINERS	064433	08/21/15		08/21/15		143.24
	44702	2	01454 2000	MAINTENANCE SUPPLIES TRASH CAN LINERS	064433	08/21/15		08/21/15		84.57
										613.30
2898				AQUASCAPES UNLIMITED						
	44703	1	01454 3711	POND TREATMENT POND SERVICE - BOW TREE, MARYDELL & PIN OAK 8/3/15	1173	08/21/15		08/21/15		891.00
										891.00
1998				BARCO PRODUCTS COMPANY						
	44704	1	01116 1000	CLEARING ACCOUNT MEMORIAL BENCH - GIANFORTE	071501169	08/21/15		08/21/15		837.05
										837.05
3213				BEST LINE EQUIPMENT						
	44705	1	01438 3840	EQUIPMENT RENTAL HYDRAULIC BRKR RENTAL 7/27-8/23/15	R05062	08/21/15		08/21/15		1,825.75
										1,825.75

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01		GENERAL FUND								
197				BUCKLEY BRION MCGUIRE & MORRIS						
	44708	1	01404 3140	LEGAL - ADMIN	6979	08/21/15		08/21/15		530.10
				LEGAL SERVICE - 7/16/15 - 8/10/15						
	44708	2	01413 3140	LEGAL - TWP CODE	6979	08/21/15		08/21/15		760.20
				LEGAL SERVICE - 7/16/15 - 8/10/15						
										1,290.30
3573				CEDAR VALLEY EXTERIORS						
	44710	1	01362 4100	BUILDING PERMITS	082115	08/21/15		08/21/15		105.40
				REFUND - CANCELLED PERMIT						
										105.40
1198				CHESTER COUNTY SPCA						
	44711	1	01410 5400	S.P.C.A. CONTRACT	280	08/21/15		08/21/15		640.00
				ANIMAL CONTROL ACTIVITY - JULY 2015						
										640.00
3488				CINTAS CORPORATION #287						
	44712	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS	287429300	08/21/15		08/21/15		52.50
				WEEK END 8/19/15 CLEAN MATS						
	44712	2	01487 1910	UNIFORMS	287429300	08/21/15		08/21/15		226.28
				WEEK END 8/19/15 CLEAN UNIFORMS						
										278.78
2491				COMCAST 8499-10-109-0107472						
	44713	1	01401 3210	COMMUNICATION EXPENSE	080815	08/21/15		08/21/15		10.65
				0107472 8/17-9/16/15 PW TV						
										10.65
3250				COMCAST 8499-10-109-0107704						
	44714	1	01401 3210	COMMUNICATION EXPENSE	081315	08/21/15		08/21/15		103.63
				0107704 8/23-9/22/15 P&BOOT LED						
										103.63
317				CONTRACTOR'S CHOICE						
	44715	1	01437 2600	SHOP - TOOLS	00192943	08/21/15		08/21/15		4.98
				2 KNOBS						
	44716	1	01437 2460	GENERAL EXPENSE - SHOP	00193045	08/21/15		08/21/15		183.13
				STIHL 9" ABRASIVE WHEEL & PAINT						
										188.11

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594				HAMMOND & MCCLOSKEY INC.						
	44727	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS BACKFLOW PREVENTER CHECK - TWP.YARD WESTTOWN RD.	7363	08/24/15		08/24/15		538.00
	44728	1	01454 3000	GENERAL EXPENSE CLEAN URINAL DRAIN - PARK RESTROOM	7362	08/24/15		08/24/15		280.19
	44729	2	01409 3740	TWP. BLDG. - MAINT & REPAIRS BACKFLOW PREVENTER TESTING - TWP. BUILDING (3)	7364	08/24/15		08/24/15		330.00
										1,148.19
2717				HIGGINS & SONS INC., CHARLES A.						
	44730	1	01433 2500	MAINT. REPAIRS.TRAFF.SIG. TRAF.LIGHT REPAIR- RT.352 & GREENHL	40023	08/24/15		08/24/15		1,036.00
										1,036.00
641				HOOBER INC.						
	44731	1	01430 2330	VEHICLE MAINT AND REPAIR WHEEL RIM	T875686-2	08/24/15		08/24/15		348.00
										348.00
679				INTERCON TRUCK EQUIPMENT						
	44732	1	01430 2330	VEHICLE MAINT AND REPAIR ASPHALT TARP	1047893-IN	08/24/15		08/24/15		104.00
										104.00
765				LENNI ELECTRIC CORPORATION						
	44735	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS REPLACE LIGHT SENSOR - LADIES ROOM	150758	08/24/15		08/24/15		102.50
	44736	1	01409 3840	DISTRICT COURT EXPENSES INSTALL BALLAST & LAMPS - DIST.CT.	150759	08/24/15		08/24/15		140.25
										242.75
2861				LITTLE INC., ROBERT E.						
	44737	1	01430 2330	VEHICLE MAINT AND REPAIR BELT & KNOB FOR MOWERS	03-350364	08/24/15		08/24/15		145.61
										145.61
787				LOW-RISE ELEVATOR CO. INC						
	44738	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS BASIC MAINTENANCE - AUGUST 2015	63473	08/24/15		08/24/15		40.00
										40.00

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01	GENERAL FUND									
808				MAILLIE FALCONIERO & CO.						
44739	1	01402	3110	AUDITING EXPENSE	1000047636	08/24/15		08/24/15		9,891.00
				BALANCE DUE - 2014 EXAM & AUDIT OF						
				TWP. FINANCIAL STATEMENTS						
44739	2	01402	3110	AUDITING EXPENSE	1000047636	08/24/15		08/24/15		4,600.00
				ASSISTANCE RE: CONVERTING RECORDS						
				FROM CASH BASIS TO ACCRUAL						
										14,491.00
2693				MULCH & MORE						
44740	1	01454	3710	LANDSCAPING	45664-3			08/24/15		60.00
				4 CUBIC YDS BLACK DYED MULCH						
										60.00
36				MYERS INC., ALLAN A.						
44741	1	01438	2450	MATERIALS & SUPPLIES-HIGHWAYS	30-00081631	08/24/15		08/24/15		89.80
				2.07 TONS 16-B51 19MM 64-22 3-30						
44742	1	01438	2450	MATERIALS & SUPPLIES-HIGHWAYS	30-00081941	08/24/15		08/24/15		132.32
				3.05 TONS 16-B51 19MM 64-22 3-30						
										222.12
1641				NAPA AUTO PARTS						
44744	1	01430	2330	VEHICLE MAINT AND REPAIR	2-634353	08/24/15		08/24/15		38.40
				15W40 OIL 12QTS						
44745	1	01430	2330	VEHICLE MAINT AND REPAIR	2-633673	08/24/15		08/24/15		-30.00
				BATTERY CORE RETURNS						
										8.40
3334				NATIONWIDE EMPLOYEE BENEFITS						
44743	1	01486	1560	HEALTH, ACCID. & LIFE	041888			08/24/15		3,384.86
				SEPTEMBER 2015 PREMIUM						
44743	2	01213	1010	VOL. LIFE INSURANCE W/H	041888			08/24/15		145.40
				SEPTEMBER 2015 PREMIUM						
										3,530.26
1554				OFFICE DEPOT						
44746	1	01401	2100	MATERIALS & SUPPLIES	785486052001	08/24/15		08/24/15		26.49
				ENVELOPES W/CLASPS						
44747	1	01401	2100	MATERIALS & SUPPLIES	785486229001	08/24/15		08/24/15		136.16
				HP TONER						
44748	1	01401	2100	MATERIALS & SUPPLIES	786040229001	08/24/15		08/24/15		212.95
				KEYBOARD TRAY						
										375.60

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01		GENERAL FUND								
1065				PETTY CASH						
	44749	1	01401 2100	MATERIALS & SUPPLIES	082015	08/24/15		08/24/15		94.04
				KITCHEN SUPPLIES, INK CARTRIDGES & PAPER TOWELS & PLATES						
	44749	2	01401 3000	GENERAL EXPENSE	082015	08/24/15		08/24/15		69.48
				SUPPLIES FOR T.DARLINGTON PARTY - DOLLAR STORE & GIANT						
	44749	3	01401 3000	GENERAL EXPENSE	082015	08/24/15		08/24/15		120.00
				SMART CTS CLEANERS- CLEAN US FLAGS						
	44749	4	01401 3250	POSTAGE	082015	08/24/15		08/24/15		19.05
				PKGS. TO FLOURTOWN & HORSHAM						
	44749	5	01454 2000	MAINTENANCE SUPPLIES	082015	08/24/15		08/24/15		20.76
				MOP & GLO FOR PARK BATHROOMS						
										323.33
1082				PIPE DATA VIEW						
	44750	1	01432 2460	SNOW - MATERIALS & SUPPLIES	14202	08/24/15		08/24/15		732.50
				VACUUM BRINE TANKS & CATCH BASINS						
	44750	2	01436 2450	STORMWATER MATERIALS & SUPPLIES	14202	08/24/15		08/24/15		732.50
				VACUUM BRINE TANKS & CATCH BASINS						
										1,465.00
3576				POWERS, JESS						
	44751	1	01367 3701	LADIES & YOUTH TENNIS	081815	08/24/15		08/24/15		65.00
				REFUND FOR TENNIS PROGRAM -RACHEL NOT ABLE TO ATTEND						
										65.00
2539				PRECISION MECHANICAL SERVICES						
	44752	1	01409 3740	TWP. BLDG. - MAINT & REPAIRS	SC-10232	08/24/15		08/24/15		303.00
				REPAIR A/C PLANK HOUSE						
										303.00
1876				RANSOME RENTAL COMPANY LP						
	44753	1	01430 2330	VEHICLE MAINT AND REPAIR	PC040019988	08/24/15		08/24/15		53.83
				VEE BELTS						
	44754	1	01430 2330	VEHICLE MAINT AND REPAIR	PC040019989	08/24/15		08/24/15		21.89
				VEE BELT						
	44755	1	01430 2330	VEHICLE MAINT AND REPAIR	PC040016750-C	08/24/15		08/24/15		-61.52
				CREDIT RE: TO DUPLICATE PAYMENT						
										14.20

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
1161				REILLY & SONS INC						
	44756	1	01430 2320	VEHICLE OPERATION - FUEL 484.3 GALLONS DIESEL	88353	08/24/15		08/24/15		841.71
	44757	1	01430 2320	VEHICLE OPERATION - FUEL 312.7 GALLONS GASOLINE	88354	08/24/15		08/24/15		607.58
										1,449.29
1297				STAPLES CREDIT PLAN						
	44759	1	01401 2100	MATERIALS & SUPPLIES SHARPIES, WITE-OUT, CLOROX WIPES & BINDERS	46907	08/24/15		08/24/15		38.83
										38.83
2257				THOMAS COMITTA ASSOCIATES INC.						
	44760	1	01414 3050	ZONING CONSULTANTS COMP.PLAN CONSULTING 4/30-6/25/15	062615	08/24/15		08/24/15		5,890.35
	44761	1	01414 3050	ZONING CONSULTANTS COMP.PLAN CONSULTING 6/26-7/31/15	073115	08/24/15		08/24/15		3,981.70
										9,872.05
1470				WESTTOWN TOWNSHIP						
	44763	1	01410 5310	REGIONAL POLICE BLDG INTEREST AUGUST 2015 - INTEREST	083015	08/24/15		08/24/15		1,555.63
	44763	2	01410 5320	REGIONAL POLICE BLDG PRINCIPAL AUGUST 2015 - PRINCIPAL	083015	08/24/15		08/24/15		8,750.00
										10,305.63
1983				YALE ELECTRIC SUPPLY CO						
	44764	1	01454 2000	MAINTENANCE SUPPLIES MASON BOXES, TERMINAL ADAPTORS & LOCKNUTS - APPLEBROOK SIGN	S104040575.001	08/24/15		08/24/15		9.24
	44765	1	01409 3745	PW BUILDING - MAINT REPAIRS LIGHTS FOR BIG SHOP	S104089065.001	08/24/15		08/24/15		234.00
										243.24

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
2439				VERIZON -7041						
	44762	1	05422 3601	R.C. COLLEC.-UTILITIES AUGUST 7 - SEPTEMBER 6, 2015	080715-7041	08/24/15		08/24/15		234.02
										234.02

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
06				REFUSE						
197	44707	2	06427 3140	BUCKLEY BRION MCGUIRE & MORRIS LEGAL SERVICES LEGAL SERVICE - 6/18-8/11/15	6980	08/21/15		08/21/15		729.03
										729.03
241	44709	1	06427 4502	C.C. SOLID WASTE AUTHORITY LANDFILL FEES WEEK 8/10/15 - 8/15/15	41182	08/21/15		08/21/15		5,416.07
										5,416.07
3575	44734	1	06364 2000	KODY, SUSAN REVENUE - REFUSE FEES REFUSE REFUND DUE TO DEMO PERMIT ISSUED 11/30/12	081815-R	08/24/15		08/24/15		632.99
										632.99
										70,591.70
0 Printed, totalling										70,591.70

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	57,720.26	GENERAL FUND
05	05	6,093.35	SEWER OPERATING
06	06	6,778.09	REFUSE
		70,591.70	

PERIOD SUMMARY

Period	Amount
1508	70,591.70
	70,591.70

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
01		GENERAL FUND								
1657				AQUA PA						
44769	1	01409	3600	TWP. BLDG. - FUEL, LIGHT, WATER 000309828 0309828 7/16-8/17/15 TB	081915-TB	08/27/15		08/27/15		119.90
44770	1	01409	3600	TWP. BLDG. - FUEL, LIGHT, WATER 000309820 0309820 7/16-8/17/15 FR	081915 FR	08/27/15		08/27/15		192.00
44771	1	01409	3600	TWP. BLDG. - FUEL, LIGHT, WATER 000309801 0309801 7/21-8/20/15 BS	082415 BS	08/27/15		08/27/15		16.00
44772	1	01409	3605	PW BLDG - FUEL,LIGHT,SEWER & WATER 000496917 0309798 7/16-8/17/15 PW	081915 PW	08/27/15		08/27/15		149.90
										477.80
3433				BURNS ENGINEERING INC.						
44777	1	01408	3130	ENGINEERING SERVICES PROF.SERVICE 6/29-7/26/15 WATERVIEW SPEED STUDY	3	08/27/15		08/27/15		481.50
										481.50
317				CONTRACTOR'S CHOICE						
44779	1	01454	2000	MAINTENANCE SUPPLIES NAILER & PINS - APPLEBRK SIGN	00193105	08/27/15		08/27/15		113.51
										113.51
320				CONWAY POWER EQUIPMENT						
44780	1	01430	2330	VEHICLE MAINT AND REPAIR ROCKER SWITCH, SPARK PLUGS & AIR FILTERS	4924	08/27/15		08/27/15		46.46
44781	1	01430	2330	VEHICLE MAINT AND REPAIR CASTER WHEEL KIT - MOWERS #11	7292	08/27/15		08/27/15		65.38
										111.84
418				EAGLE POWER AND EQUIPMENT						
44782	1	01430	2330	VEHICLE MAINT AND REPAIR TAK BUCKET SIDE CUTTER-SKIDD STEER	T443999	08/27/15		08/27/15		82.25
										82.25
2555				FASTENAL						
44783	1	01454	2000	MAINTENANCE SUPPLIES HEX LAG SCREWS & SHIELDS - APPLBRK. SIGN	PAMAV18812	08/27/15		08/27/15		52.79
										52.79

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
473				FASTSIGNS						
	44784	1	01401 2100	MATERIALS & SUPPLIES	368-38458	08/27/15		08/27/15		29.91
				NAMEPLATE - CHRISTINA HARTNETT						
	44785	1	01401 2100	MATERIALS & SUPPLIES	368-38566	08/27/15		08/27/15		46.00
				NAMEPLATES- LORI KIER & BRAD GIRESI						
-----										75.91
569				GREAT VALLEY LOCKSHOP						
	44786	1	01409 2400	TWP. BLDG. - MATERIALS & SUPPLIES	0000107311	08/27/15		08/27/15		37.50
				INSTALL 9 VOLT BATTERIES-FRONT SAFE						
-----										37.50
2717				HIGGINS & SONS INC., CHARLES A.						
	44787	1	01433 2500	MAINT. REPAIRS.TRAFF.SIG.	40088	08/27/15		08/27/15		65.00
				TRAF.LIGHT REPAIR - ELLIS & E.						
				STRASBURG						
-----										65.00
638				HOME DEPOT CREDIT SERVICES						
	44788	1	01401 3025	DEER MANAGEMENT EXPENSE	081315	08/27/15		08/27/15		30.08
				RED & WHITE SPRAY PAINT						
	44788	2	01409 3740	TWP. BLDG. - MAINT & REPAIRS	081315	08/27/15		08/27/15		21.94
				HOSE NOZZLES						
	44788	3	01430 2330	VEHICLE MAINT AND REPAIR	081315	08/27/15		08/27/15		93.95
				CRIMP BRSH, STRINGER WHEEL, DEMON						
				CONICALS & BROOM-TRK #8 DOOR PULL,						
				HINGES & GATE HOOK-STEVE'S TRUCK						
	44788	4	01437 2460	GENERAL EXPENSE - SHOP	081315	08/27/15		08/27/15		139.92
				SAW BLADES, WIRE BRUSHES, DOOR PULL						
				BRICKHAMMER, SANDING BELTS & SCREWS						
	44788	5	01437 2600	SHOP - TOOLS	081315	08/27/15		08/27/15		99.00
				SHOP VAC.						
	44788	6	01454 2000	MAINTENANCE SUPPLIES	081315	08/27/15		08/27/15		132.83
				PARK RESTROOM SHELVES, BROOMS,						
				SPRAYERS, DUST PAN & BRUSH &						
				BATTERIES						
-----										517.72
694				J&L BUILDING MATERIALS INC						
	44789	1	01454 2000	MAINTENANCE SUPPLIES	03579181	08/27/15		08/27/15		1,216.95
				SPRING HOUSE ROOF MATERIALS -APPLBK						
				PARK						
-----										1,216.95

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
1030	44790	1	01401 3210	LEVEL 3 COMMUNICATION EXPENSE AUGUST 20 - SEPTEMBER 19, 2015	106130304	08/27/15		08/27/15		988.75
										988.75
1817	44791	1	01409 3740	LOWES BUSINESS ACCOUNT/GECE TWP. BLDG. - MAINT & REPAIRS ROLLER & SEAM REPAIR - 2ND FL.WALLP APER	081715	08/27/15		08/27/15		5.40
	44791	2	01454 2000	MAINTENANCE SUPPLIES ROUNDUP FOR THE PARK	081715	08/27/15		08/27/15		98.10
										103.50
3551	44792	1	01414 3050	MCMAHON ASSOCIATES INC. ZONING CONSULTANTS PROF.SERVICE 6/27-7/31/15 PAOLI PK. TRAIL	145371	08/27/15		08/27/15		5,596.54
										5,596.54
2622	44793	1	01487 4600	MIDDLETON, CHRISTIAN TRAINING & SEMINARS-EMPLY TAX COLLECTOR TRAINING REIMBURSEMNT	082415	08/27/15		08/27/15		35.00
										35.00
2342	44794	1	01454 2000	POWERPRO EQUIPMENT MAINTENANCE SUPPLIES STUCO & KEYSTONE MASONRY	P01905	08/27/15		08/27/15		15.50
										15.50
1876	44795	1	01452 5150	RANSOME RENTAL COMPANY LP AMPHITHEATER CONCERTS LIGHTTOWER RENTAL 8/14-8/17/15 MOVIE	K17127-01	08/27/15		08/27/15		120.00
	44796	1	01452 5150	AMPHITHEATER CONCERTS LIGHTTOWER RENTAL 8/14-8/17/15 MOVIE	K17126-01	08/27/15		08/27/15		120.00
										240.00
3459	44801	1	01409 3740	SASS-MOORE SERVICE CORPORATION TWP. BLDG. - MAINT & REPAIRS INSTALL ADDITIONAL CO2 SENSOR	0065138-2	08/27/15		08/27/15		1,678.00
										1,678.00

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
2278	44797	1 01454	3710	TOP C.R.O.P.S. LANDSCAPING DAM WEED CONTROL	791	08/27/15		08/27/15		570.00
										570.00
2273	44799	1 01409	3605	VERIZON - 0527 PW BLDG - FUEL,LIGHT,SEWER & WATER AUGUST 15 - SEPTEMBER 14, 2015	081515-0527	08/27/15		08/27/15		181.95
										181.95
2868	44800	1 01409	3840	VERIZON-1420 DISTRICT COURT EXPENSES AUGUST 16 - SEPTEMBER 15, 2015	081615-1420	08/27/15		08/27/15		78.94
										78.94

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
03				SINKING FUND						
3521				CARROLL ENGINEERING CORPORATION						
	44778	1	03459 7450	CAPITAL - E. BOOT RD BRIDGE	197198	08/27/15		08/27/15		4,455.00
				PROF.SERVICE 6/29-7/26/15 E.BOOT RD BRIDGE						
										4,455.00

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Vendor	Req #	Budget#	Sub#	Description	Invoice Number	Req Date	Check Dte	Recpt Dte	Check#	Amount
05		SEWER OPERATING								
1658				AQUA PA						
	44773	1	05420 3602	C.C. COLLECTION -UTILITIES 000300141 0300141 7/16-8/17/15 GH	081915 GH	08/27/15		08/27/15		16.00
	44774	1	05420 3602	C.C. COLLECTION -UTILITIES 000363541 0357724 07/16-8/17/15 BK	081915 BK	08/27/15		08/27/15		16.00
	44775	1	05420 3602	C.C. COLLECTION -UTILITIES 000309826 0309826 7/21-8/20/15 TH	082415 TH	08/27/15		08/27/15		18.00
	44776	1	05422 3601	R.C. COLLEC.-UTILITIES 001533998 1087842 7/21-8/20/15 TWN	082415 TWN	08/27/15		08/27/15		521.20
										571.20
2914				TOWLER, SCOTT A.						
	44798	1	05422 4500	R.C. STP-CONTRACTED SERV. SERVICES RE: RCSTP - JULY 2015	15-070131-2	08/27/15		08/27/15		15,138.59
										15,138.59
										32,885.74
										0 Printed, totalling 32,885.74

FUND SUMMARY

Fund	Bank Account	Amount	Description
01	01	12,720.95	GENERAL FUND
03	03	4,455.00	SINKING FUND
05	05	15,709.79	SEWER OPERATING
		32,885.74	

PERIOD SUMMARY

Period	Amount
1508	32,885.74
	32,885.74

PLGIT 1107.1010										
DATE	DESCRIPTION	TOTAL	1401.2100	1401.3000	1407.2130	1452.2000	1452.2010	1452.2020	1452.2030	1452.2040
	RICK SMITH									
6/30/2015	WP ENGINE	29.00			29.00					
7/2/2015	HP Home Store - Toner - Credit	-7.78	-7.78							
7/7/2015	AT&T DATA - IPAD	14.99			14.99					
7/15/2015	J&A Gourmet - Terry's Retirement Party	206.25		206.25						
7/15/2015	AT&T DATA - IPAD	14.99			14.99					
		\$257.45								
	MARK MILLER									
7/8/2015	AT&T DATA - IPAD	30.00			30.00					
		\$30.00								
	JASON LANG									
7/2/2015	Walmart - Camp Supplies	73.43				73.43				
7/7/2015	Walmart - Camp Supplies	124.34				124.34				
7/14/2015	Michaels - Camp Supplies	65.93				65.93				
7/17/2015	Walmart - Camp & HS Entree. Camp Supplies	200.31				104.99				95.32
7/22/2015	Regal Cinema - Summer Camp Field Trip	115.00					115.00			
7/24/2015	Chuck E Cheese - Summer Camp Field Trip	205.23					205.23			
		\$784.24								
		1,071.69								
	GRAND TOTAL		-7.78	206.25	88.98	368.69	320.23			95.32

1,071.69

J/E's made	X
Ad to Master Card List	X

ATTESTATION ENGAGEMENT

Township of East Goshen

Chester County, Pennsylvania

15-208

Liquid Fuels Tax Fund

For the Period

January 1, 2013 to December 31, 2014

August 2015



Commonwealth of Pennsylvania
Department of the Auditor General

Eugene A. DePasquale • Auditor General



Commonwealth of Pennsylvania
Department of the Auditor General
Harrisburg, PA 17120-0018
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EUGENE A. DEPASQUALE
AUDITOR GENERAL

Independent Auditor's Report

The Honorable Leslie Richards
Secretary
Department of Transportation
Harrisburg, PA 17120

We examined the accompanying Forms MS-965 With Adjustments for the Liquid Fuels Tax Fund of the Township of East Goshen, Chester County, for the period January 1, 2013 to December 31, 2014. The municipality's management is responsible for the Forms MS-965. Our responsibility is to express an opinion on the Forms MS-965 With Adjustments based on our examination.

Our examination was conducted in accordance with attestation standards established by the American Institute of Certified Public Accountants and the standards applicable to attestation engagements contained in *Government Auditing Standards* issued by the Comptroller General of the United States. An examination includes examining, on a test basis, evidence supporting the Township of East Goshen, Chester County's Forms MS-965 for the period January 1, 2013 to December 31, 2014 and performing such other procedures as we considered necessary in the circumstances. We believe that our examination provides a reasonable basis for our opinion.

We are mandated by Section 403 of *The Fiscal Code*, 72 P.S. § 403, to audit each municipality's Liquid Fuels Tax Fund to ensure that funds received are expended in accordance with applicable laws and regulations. *Government Auditing Standards* issued by the Comptroller General of the United States include attestation engagements as a separate type of audit. An attestation engagement performed pursuant to *Government Auditing Standards* involves additional standards that exceed the standards provided by the American Institute of Certified Public Accountants. Accordingly, this attestation engagement complies with both *Government Auditing Standards* and Section 403 of *The Fiscal Code*.

As described in Note 4, the adjustments included on the Forms MS-965 With Adjustments are made by the Department of the Auditor General.

Independent Auditor's Report (Continued)

In our opinion, the Forms MS-965 With Adjustments present, in all material respects, the information required by the Pennsylvania Department of Transportation for the Liquid Fuels Tax Fund of the Township of East Goshen, Chester County, for the period January 1, 2013 to December 31, 2014, in conformity with the criteria set forth in Note 1.

In accordance with *Government Auditing Standards*, we are required to report all deficiencies that are considered to be significant deficiencies or material weaknesses in internal control; fraud and noncompliance with provisions of laws or regulations that have a material effect on the Forms MS-965; and any other instances that warrant the attention of those charged with governance; noncompliance with provisions of contracts or grant agreements, and abuse that has a material effect on the Forms MS-965. We are also required to obtain and report the views of responsible officials concerning the findings, conclusions, and recommendations, as well as any planned corrective actions. We performed our examination to express an opinion on whether the Forms MS-965 are presented in accordance with the criteria described above and not for the purpose of expressing an opinion on the internal control over reporting on the Forms MS-965 or on compliance and other matters; accordingly, we express no such opinions.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the Forms MS-965 will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over reporting on the Forms MS-965 was for the limited purpose of expressing an opinion on whether the Forms MS-965 are presented in accordance with the criteria described above and would not necessarily identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our engagement we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Independent Auditor's Report (Continued)


As part of obtaining reasonable assurance about whether the Forms MS-965 are free from material misstatement, we performed tests of the Township of East Goshen, Chester County's compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of amounts on the Forms MS-965. However, providing an opinion on compliance with those provisions was not an objective of our engagement, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*. However, we did note a matter that, while not required to be included in this report by *Government Auditing Standards*, has been included in the finding below:

- Nonpermissible Expenditure - Recurring.

We are concerned that the municipality failed to correct our prior examination finding for nonpermissible expenditures. The failure to purchase stone that is approved by the Department of Transportation could result in the municipality having to reimburse \$1,094.80 to its Liquid Fuels Tax Fund. The municipality should strive to comply with the recommendations and corrective actions noted in this report.

This report is intended solely for the information and use of the Pennsylvania Department of Transportation and the management of the Township of East Goshen, Chester County, and is not intended to be and should not be used by anyone other than these specified parties.

We appreciate the courtesy extended by the Township of East Goshen, Chester County, to us during the course of our examination. If you have any questions, please feel free to contact Michael B. Kashishian, CPA, CGAP, CFE, Director, Bureau of County Audits, at 717-787-1363.



Eugene A. DePasquale
Auditor General

June 15, 2015

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TOWNSHIP OF EAST GOSHEN
CHESTER COUNTY
LIQUID FUELS TAX FUND
BACKGROUND
FOR THE PERIOD
JANUARY 1, 2013 TO DECEMBER 31, 2014

Background

The Liquid Fuels Tax Municipal Allocation Law, Title 72 P.S. § 2615.5, provides municipalities other than counties (townships, boroughs, cities, towns, home rule, and optional plan governments) with an annual allocation of liquid fuels taxes from the state's Motor License Fund to be used for the maintenance and repair of streets, roads, and bridges for which the municipality is responsible. The allocation of these funds to municipalities is based: (1) 50 percent on the municipality's proportion of local road mileage to the total local road mileage in the state, and (2) 50 percent on the proportion of a municipality's population to the total population in the state.

The Vehicle Code, Title 75 P.S. § 9511, provides municipalities with annual maintenance payments to be received from the Motor License Fund for functionally local highways that were transferred to a municipality from the Commonwealth of Pennsylvania.

Each municipality must deposit the Liquid Fuels Tax Fund money and annual maintenance payments that it receives into a special fund called the Municipal Liquid Fuels Tax Fund or State Fund. A municipality may not deposit any other monies into this fund except when the municipality does not have enough money in the special fund to meet the payments called for by its current annual budget for road and bridge purposes. In this case, the municipality may borrow money or transfer money from its General Fund to its Liquid Fuels Tax Fund.

The Department of Transportation has been given the regulatory authority for the administration of these funds. To qualify for its annual allocation, each municipality shall submit the following documents and information to the Department of Transportation:

1. Evidence that the treasurer is bonded in accordance with the law, or that its treasurer is a bank requiring no bond by January 31 of each year.
2. A report indicating the manner in which its liquid fuels tax allocation was expended in the previous year (Form MS-965) by January 31 of each year.
3. A report of elected and appointed officials by January 31 of each year.
4. A Survey of Financial Condition by March 15 of each year.

Department of Transportation *Publication 9* contains the policies and procedures that govern the use of Liquid Fuels Tax Fund money. However, if there is a difference between *Publication 9* and any legislation, the legislation shall govern.

TOWNSHIP OF EAST GOSHEN
 CHESTER COUNTY
 LIQUID FUELS TAX FUND
 2013 FORM MS-965 – SECTION 1
 WITH ADJUSTMENTS

<u>Expenditure Summary</u>	<u>Reported</u>	<u>Adjustments (Note 4)</u>	<u>Adjusted Amount</u>
Major equipment purchases	\$ -	\$ -	\$ -
Minor equipment purchases	-	-	-
Computer/Computer related training	-	-	-
Agility projects	-	-	-
Cleaning streets and gutters	-	-	-
Winter maintenance services	35,860.09	-	35,860.09
Traffic control devices	7,571.75	-	7,571.75
Street lighting	8,936.83	-	8,936.83
Storm sewers and drains	-	-	-
Repairs of tools and machinery	-	-	-
Maintenance and repair of roads and bridges	16,444.72	-	16,444.72
Highway construction and rebuilding projects	461,586.61	-	461,586.61
Miscellaneous (Summary of 2008-2010 examination recommendation)	-	114,189.93	114,189.93
 Total (To Section 2, Line 5)	 <u>\$ 530,400.00</u>	 <u>\$ 114,189.93</u>	 <u>\$ 644,589.93</u>

Notes to Forms MS-965 With Adjustments are an integral part of this report.

TOWNSHIP OF EAST GOSHEN
 CHESTER COUNTY
 LIQUID FUELS TAX FUND
 2013 FORM MS-965 – SECTION 2
 WITH ADJUSTMENTS

<u>Fund Balance</u>	<u>Reported</u>	<u>Adjustments (Note 4)</u>	<u>Adjusted Amount</u>
1. Balance, January 1, 2013	\$ 60.90	\$ -	\$ 60.90
Receipts:			
2. State allocation	360,985.89	-	360,985.89
2a. Turnback allocation	2,320.00	-	2,320.00
2b. Interest on investments (Note 3)	1,266.45	-	1,266.45
2c. Miscellaneous (Summary of 2008-2010 examination recommendation)	<u>165,918.62</u>	<u>114,189.93</u>	<u>280,108.55</u>
3. Total receipts	<u>530,490.96</u>	<u>114,189.93</u>	<u>644,680.89</u>
4. Total funds available	<u>530,551.86</u>	<u>114,189.93</u>	<u>644,741.79</u>
5. Expenditures (Section 1)	<u>530,400.00</u>	<u>114,189.93</u>	<u>644,589.93</u>
6. Balance, December 31, 2013	<u>\$ 151.86</u>	<u>\$ -</u>	<u>\$ 151.86</u>

Notes to Forms MS-965 With Adjustments are an integral part of this report.

TOWNSHIP OF EAST GOSHEN
 CHESTER COUNTY
 LIQUID FUELS TAX FUND
 2013 FORM MS-965 – SECTION 3
 WITH ADJUSTMENTS

<u>Equipment Balance</u>	<u>Reported</u>	<u>Adjustments</u>	<u>Adjusted Amount</u>
1. Prior year equipment balance	\$ 60.90	\$ -	\$ 60.90
2. Add: Current year equipment allocation (20% of Lines 2 + 2a, Section 2)	72,661.18	-	72,661.18
3. PENNDOT approved adjustments	<u>-</u>	<u>-</u>	<u>-</u>
4. Total funds available for equipment acquisition	72,722.08	-	72,722.08
5. Less: Major equipment expenditures	<u>-</u>	<u>-</u>	<u>-</u>
6. Remainder	<u>72,722.08</u>	<u>-</u>	<u>72,722.08</u>
7. Equipment balance available for subsequent year (Lesser of Line 6 or Section 2 balance, but not less than zero)	<u>\$ 151.86</u>	<u>\$ -</u>	<u>\$ 151.86</u>

Notes to Forms MS-965 With Adjustments are an integral part of this report.

TOWNSHIP OF EAST GOSHEN
 CHESTER COUNTY
 LIQUID FUELS TAX FUND
 2014 FORM MS-965 – SECTION 1
 WITH ADJUSTMENTS

<u>Expenditure Summary</u>	<u>Reported</u>	<u>Adjustments</u>	<u>Adjusted Amount</u>
Major equipment purchases	\$ -	\$ -	\$ -
Minor equipment purchases	-	-	-
Computer/Computer related training	-	-	-
Agility projects	-	-	-
Cleaning streets and gutters	-	-	-
Winter maintenance services	2,662.23	-	2,662.23
Traffic control devices	1,042.71	-	1,042.71
Street lighting	-	-	-
Storm sewers and drains	-	-	-
Repairs of tools and machinery	-	-	-
Maintenance and repair of roads and bridges	-	-	-
Highway construction and rebuilding projects	394,352.97	-	394,352.97
Miscellaneous	-	-	-
	<hr/>	<hr/>	<hr/>
Total (To Section 2, Line 5)	<u>\$ 398,057.91</u>	<u>\$ -</u>	<u>\$ 398,057.91</u>

Notes to Forms MS-965 With Adjustments are an integral part of this report.

TOWNSHIP OF EAST GOSHEN
 CHESTER COUNTY
 LIQUID FUELS TAX FUND
 2014 FORM MS-965 – SECTION 2
 WITH ADJUSTMENTS

<u>Fund Balance</u>	<u>Reported</u>	<u>Adjustments</u>	<u>Adjusted Amount</u>
1. Balance, January 1, 2014	\$ 151.86	\$ -	\$ 151.86
Receipts:			
2. State allocation	390,858.51	-	390,858.51
2a. Turnback allocation	2,320.00	-	2,320.00
2b. Interest on investments (Note 3)	535.62	-	535.62
2c. Miscellaneous (Summary of prior examination recommendations)	4,396.01	-	4,396.01
3. Total receipts	398,110.14	-	398,110.14
4. Total funds available	398,262.00	-	398,262.00
5. Expenditures (Section 1)	398,057.91	-	398,057.91
6. Balance, December 31, 2014	<u>\$ 204.09</u>	<u>\$ -</u>	<u>\$ 204.09</u>

Notes to Forms MS-965 With Adjustments are an integral part of this report.

TOWNSHIP OF EAST GOSHEN
 CHESTER COUNTY
 LIQUID FUELS TAX FUND
 2014 FORM MS-965 – SECTION 3
 WITH ADJUSTMENTS

<u>Equipment Balance</u>	<u>Reported</u>	<u>Adjustments</u>	<u>Adjusted Amount</u>
1. Prior year equipment balance	\$ 151.86	\$ -	\$ 151.86
2. Add: Current year equipment allocation (20% of Lines 2 + 2a, Section 2)	78,635.70	-	78,635.70
3. PENNDOT approved adjustments	-	-	-
4. Total funds available for equipment acquisition	78,787.56	-	78,787.56
5. Less: Major equipment expenditures	-	-	-
6. Remainder	<u>78,787.56</u>	<u>-</u>	<u>78,787.56</u>
7. Equipment balance available for subsequent year (Lesser of Line 6 or Section 2 balance, but not less than zero)	<u>\$ 204.09</u>	<u>\$ -</u>	<u>\$ 204.09</u>

Notes to Forms MS-965 With Adjustments are an integral part of this report.

TOWNSHIP OF EAST GOSHEN
 CHESTER COUNTY
 LIQUID FUELS TAX FUND
 NOTES TO FORMS MS-965 WITH ADJUSTMENTS
 FOR THE PERIOD
 JANUARY 1, 2013 TO DECEMBER 31, 2014

1. Criteria

Section 1

This section of Form MS-965 With Adjustments provides a summary of Liquid Fuels Tax Fund expenditures by category. Categories requiring explanation include:

- Major equipment purchases are purchases of road machinery and road equipment with varying yearly costs in excess of the amounts indicated below:

Prior To 2012	2012	2013	2014
\$4,000.00	\$10,000.00	\$10,200.00	\$10,300.00

- Minor equipment purchases are purchases of road machinery and road equipment with varying yearly costs, or less, than the amounts indicated below:

Prior To 2012	2012	2013	2014
\$4,000.00	\$10,000.00	\$10,200.00	\$10,300.00

- Agility projects are exchanges of services with the Department of Transportation.

Section 2

This section of Form MS-965 With Adjustments provides information on the fund balance. Categories requiring explanation include:

- The state allocation is generally received from the Department of Transportation during the first week in April of each year. The amount the municipality receives is based half on its population and half on its road mileage.
- The turnback allocation is generally received from the Department of Transportation during the first week in April of each year. A municipality receives a yearly turnback allocation based on road mileage for all roads that were transferred to the municipality from the Commonwealth of Pennsylvania through the Highway Transfer Program.

TOWNSHIP OF EAST GOSHEN
CHESTER COUNTY
LIQUID FUELS TAX FUND
NOTES TO FORMS MS-965 WITH ADJUSTMENTS
FOR THE PERIOD
JANUARY 1, 2013 TO DECEMBER 31, 2014

1. Criteria (Continued)

Section 2 (Continued)

- Expenditures include the total transferred from Section 1.

Section 3

This section of Form MS-965 With Adjustments determines if the municipality expended Liquid Fuels Tax Fund money in excess of the permissible amount for equipment and the balance that the municipality may carry forward for the purchase of equipment to the subsequent year.

Department of Transportation *Publication 9* requires that the amount expended for equipment purchases in a given year not exceed the sum of the equipment balance carried forward from the previous year and 20 percent of the current year's Liquid Fuels Tax Fund allocation and, if applicable, 20 percent of the turnback allocation plus other Department of Transportation approved adjustments.

If the municipality spent in excess of the amount listed on Line 4, the excess must be reimbursed to the Liquid Fuels Tax Fund.

The equipment balance to be carried forward for the subsequent year is the lesser of the amount on Line 6 or the ending fund balance on Line 6 of Section 2, but not less than zero.

Basis Of Presentation

The financial activities of the municipality are accounted for in separate funds. The Liquid Fuels Tax Fund is used to account for state aid revenues from the Pennsylvania Department of Transportation used primarily for building and improving local roads and bridges. The Forms MS-965 have been prepared in accordance with reporting requirements prescribed by the Pennsylvania Department of Transportation as a result of the Fuels Tax Act 655, dated 1956 and as amended, which does not constitute a complete presentation of the entity's assets, liabilities, expenses, and fund balance. Accordingly, the presentation of Forms MS-965 With Adjustments is restricted to the Liquid Fuels Tax Fund, which represents a segment of the entity.

TOWNSHIP OF EAST GOSHEN
CHESTER COUNTY
LIQUID FUELS TAX FUND
NOTES TO FORMS MS-965 WITH ADJUSTMENTS
FOR THE PERIOD
JANUARY 1, 2013 TO DECEMBER 31, 2014

1. Criteria (Continued)

Basis Of Accounting

The accompanying Forms MS-965 With Adjustments are prepared in accordance with reporting requirements prescribed by the Pennsylvania Department of Transportation. Under this method, revenues are recognized when received and expenditures are recorded when paid.

General Fixed Assets

General fixed assets are recognized as expenditures at the time of purchase. No depreciation has been provided on the heavy equipment used to maintain and repair roads and bridges.

2. Deposits

The Second Class Township Code, Title 53 P.S. § 68204, authorizes the township to deposit its funds in the following:

- Deposits in savings accounts or time deposits, other than certificates of deposit or share accounts of institutions having their principal place of business in the Commonwealth of Pennsylvania and insured by the Federal Deposit Insurance Corporation (FDIC) or other like insurance. For any amount above the insured maximum, the depository shall pledge approved collateral.
- Certificates of deposit purchased from institutions insured by the FDIC or other like insurance to the extent that such accounts are so insured. For any amounts in excess of the insured maximum, such deposits shall be collateralized by a pledge or assignment of assets. Certificates of deposit may not exceed 20 percent of a bank's total capital surplus or 20 percent of a savings and loan or savings bank's assets minus liabilities.

Deposits consist of receipts and deposits in a financial institution. Pennsylvania statutes require all deposits to be insured and, for any amount above the insured maximum, to be secured with approved collateral as defined.

TOWNSHIP OF EAST GOSHEN
CHESTER COUNTY
LIQUID FUELS TAX FUND
NOTES TO FORMS MS-965 WITH ADJUSTMENTS
FOR THE PERIOD
JANUARY 1, 2013 TO DECEMBER 31, 2014

2. Deposits (Continued)

There were no deposits exposed to custodial credit risk as of December 31, 2014. Custodial credit risk, as defined by GASB No. 40, includes deposits that are not covered by depository insurance and the deposits are uncollateralized, collateralized with securities held by the pledging financial institution, or collateralized with securities held by the pledging financial institution's trust department or agent but not in the municipality's name.

Fund Balance

The fund balance as of December 31, 2014 consists of the following:

Cash	\$204.09
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3. Interest On Investments

Our examination disclosed that the municipality deposited idle liquid fuels tax money in an interest-bearing account which earned \$1,266.45 during 2013, and \$535.62 during 2014, thus providing additional funds for road maintenance and repairs.

TOWNSHIP OF EAST GOSHEN
CHESTER COUNTY
LIQUID FUELS TAX FUND
FINDING AND RECOMMENDATIONS
FOR THE PERIOD
JANUARY 1, 2013 TO DECEMBER 31, 2014

Finding - Nonpermissible Expenditure - Recurring

We cited the municipality for nonpermissible expenditures in our prior two reports with the most recent being for the period January 1, 2011 to December 31, 2012. However, our current examination disclosed that the municipality expended \$1,094.80 during 2014 from the Liquid Fuels Fund for the purchase of Type 2A Modified stone, which is a nonpermissible expenditure.

Stone approved by the Department of Transportation are listed in the Department of Transportation Specifications *Publication 408*, Section 703.2. Type 2A Modified stone is not approved for use by municipalities in *Publication 408*.

This condition occurred because the municipality failed to comply with our prior examination recommendation to purchase stone that is approved by the Department of Transportation.

The failure to purchase stone that is approved by the Department of Transportation could result in the municipality having to reimburse \$1,094.80 to its Liquid Fuels Tax Fund.

Recommendations

We recommend that the municipality reimburse \$1,094.80 to its Liquid Fuels Tax Fund upon official notification by the Department of Transportation.

We further recommend that, in the future, the municipality purchase stone that is approved by the Department of Transportation.

Management's Response

The municipal officials offered no formal response at this time

Auditor's Conclusion

This is a recurring finding. We strongly recommend that the municipality comply with our recommendations.

TOWNSHIP OF EAST GOSHEN
CHESTER COUNTY
LIQUID FUELS TAX FUND
SUMMARY OF PRIOR EXAMINATIONS' RECOMMENDATIONS
FOR THE PERIOD
JANUARY 1, 2013 TO DECEMBER 31, 2014

Summary Of 2008-2010 Examination Recommendation

In our 2008-2010 report we recommended that the Department of Transportation review our examination finding to determine if the municipality should reimburse \$280,108.55 to its Liquid Fuels Tax Fund for the failure to obtain project approval.

During our prior examination we reviewed a letter dated May 28, 2013 from the Department of Transportation informing the municipality to reimburse \$280,108.55 to its Liquid Fuels Tax Fund. We noted that the municipality reimbursed this amount to its Liquid Fuels Tax Fund on June 4, 2013.

Additionally, during our current examination we reviewed a letter dated September 9, 2013, from the Department of Transportation, informing the municipality that the reimbursement of \$114,189.93 of the \$280,108.55 would not be required. The municipality transferred this amount from its Liquid Fuels Tax Fund to its General Fund on September 17, 2013.

Summary Of 2011-2012 Examination Recommendations

In our 2011-2012 report we recommended that the Department of Transportation review our examination finding to determine if the municipality should reimburse \$4,396.01 to its Liquid Fuels Tax Fund for nonpermissible expenditures.

During our current examination we reviewed a letter dated July 10, 2014, from the Department of Transportation informing the municipality to reimburse \$4,396.01 to its Liquid Fuels Tax Fund. We noted that the municipality reimbursed this amount to its Liquid Fuels Tax Fund on July 22, 2014.

In our 2011-2012 report we also recommended that the municipality comply with the Liquid Fuels Tax Municipal Allocation Law regarding permissible expenditures.

During our current examination we noted that the municipality did not comply with our recommendation (see Finding).

TOWNSHIP OF EAST GOSHEN
CHESTER COUNTY
LIQUID FUELS TAX FUND
SUMMARY OF EXIT CONFERENCE
FOR THE PERIOD
JANUARY 1, 2013 TO DECEMBER 31, 2014

An exit conference was held May 6, 2015. Those participating were:

TOWNSHIP OF EAST GOSHEN

Mr. Jon Altshul, Chief Financial Officer/Treasurer

DEPARTMENT OF THE AUDITOR GENERAL

Ms. Anne Fota, Auditor

The results of the examination were presented and discussed in their entirety.

TOWNSHIP OF EAST GOSHEN
CHESTER COUNTY
LIQUID FUELS TAX FUND
REPORT DISTRIBUTION
FOR THE PERIOD
JANUARY 1, 2013 TO DECEMBER 31, 2014

This report was initially distributed to:

The Honorable Leslie Richards
Secretary
Department of Transportation

Township of East Goshen
Chester County
1580 Paoli Pike
West Chester, PA 19380

The Honorable E. Martin Shane

Chairman of the Board of Supervisors

Mr. Jon Altshul

Chief Financial Officer/Treasurer

This report is a matter of public record and is available online at www.PaAuditor.gov. Media questions about the report can be directed to the Pennsylvania Department of the Auditor General, Office of Communications, 229 Finance Building, Harrisburg, PA 17120; via email to: news@PaAuditor.gov.



August 24, 2015

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

Reference: Sunoco Pipeline, L.P. (SPLP)
Pennsylvania Pipeline Project – Chester County, PA
Notice of Application to PADEP (Chapter 105 Water
Obstruction/Encroachment)

Dear Manager:

This municipal notice, under the requirements of Acts 14, 67, 68, and 127, is to inform you that our client, Sunoco Pipeline, L.P. (SPLP), intends to apply for a Pennsylvania Department of Environmental Protection (PADEP) Chapter 105 Water Obstruction and Encroachment permit application for the following proposed project:

Project Name: Pennsylvania Pipeline Project ("Project")

Applicant Name: Sunoco Pipeline, L.P.
535 Fritztown Road
Sinking Spring, PA 19608

Project Description: The Project involves the installation of approximately two parallel pipelines within a 306-mile, 50-foot-wide right-of-way (ROW) from Houston, Washington County, Pennsylvania to SPLP's Marcus Hook facility in Delaware County, Pennsylvania with the purpose of interconnecting with existing SPLP Mariner East pipelines. A 20-inch diameter pipeline would be installed within the ROW from Houston to Marcus Hook (306 miles) and a second, up to 20-inch diameter pipeline, will also be installed in the same ROW. The second line is proposed to be installed from SPLP's Delmont Station, Westmoreland County, Pennsylvania to the Marcus Hook facility, paralleling the initial line for approximately 255 miles. This project will require crossing various streams and wetlands in the project area, including direct temporary disturbances to streams and wetlands at installation locations. Once installation has been completed, trenches will be backfilled with the excavated material, and water/wetland resources will be restored to preconstruction contours and stabilized with native vegetation. Erosion and sedimentation control best management practices will be used during all phases of construction.

Tetra Tech

200 Wilcox St. Buffalo, New York 14203

Tel: 716.849.0419 Fax: 716.849.0420 www.tetratech.com

Site Location: Enclosed you will find a location map with the Project indicated and the General Information Form.

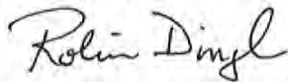
Please submit any comments concerning this project within 30 days from date of receipt of this letter to:

Pennsylvania Department of Environmental Protection (PADEP)
Southeast Regional Office
2 E. Main Street
Norristown, PA 19401-4915
Phone: 484-250-5900

Should you have questions regarding this matter, please do not hesitate to contact me at (484) 541-8077 or Robin.Dingle@tetrattech.com.

Sincerely,

Tetra Tech, Inc.



Robin Dingle, PWS, PMP
Environmental Manager

Enclosures: Location Map and General Permit Registration Form

cc: Christopher P. Embry, SPLP
TT File 112IC05958



GENERAL INFORMATION FORM – AUTHORIZATION APPLICATION

Before completing this General Information Form (GIF), read the step-by-step instructions provided in this application package. This version of the General Information Form (GIF) must be completed and returned with any program-specific application being submitted to the Department.

Related ID#s (If Known) Client ID# _____ APS ID# _____ Site ID# _____ Auth ID# _____ Facility ID# _____	DEP USE ONLY Date Received & General Notes
---	--

CLIENT INFORMATION

DEP Client ID#	Client Type / Code		
0	NPACO		
Organization Name or Registered Fictitious Name		Employer ID# (EIN)	Dun & Bradstreet ID#
Sunoco Pipeline, L.P. (SPLP)		23-3102656	11-339-2331
Individual Last Name	First Name	MI	Suffix SSN
NA			
Additional Individual Last Name	First Name	MI	Suffix SSN
NA			
Mailing Address Line 1		Mailing Address Line 2	
535 Fritztown Road			
Address Last Line – City	State	ZIP+4	Country
Sinking Spring	PA	19608	USA
Client Contact Last Name	First Name	MI	Suffix
Gordon	Matthew	L	
Client Contact Title		Phone	Ext
Project Manager		610-670-3284	
Email Address		FAX	
MLGordon@sunocologistics.com			

SITE INFORMATION

DEP Site ID#	Site Name		
	Pennsylvania Pipeline Project		
EPA ID#	Estimated Number of Employees to be Present at Site		NA
Description of Site			
Installation of 23.6 miles of a natural gas pipeline through Chester County in southeast PA.			
County Name	Municipality	City	Boro Twp State
Chester	Refer to attached Supplemental Information	<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
County Name	Municipality	City	Boro Twp State
		<input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
Site Location Line 1		Site Location Line 2	
Refer to Attachment 8 (Location Map)			
Site Location Last Line – City	State	ZIP+4	

Detailed Written Directions to Site

Begin at the intersection of West Main St. (Route 23) and South Chestnut St. (Route 82) in the borough of Elverson, Pennsylvania. Travel for approximately 0.55 mile west on West Main St. until it intersects the Project right-of-way. This location is also the Chester County line.

Site Contact Last Name	First Name	MI	Suffix
Gordon	Matthew	L	
Site Contact Title	Site Contact Firm		
Project Manager	Sunoco Pipeline, L.P.		
Mailing Address Line 1	Mailing Address Line 2		
535 Fritztown Road			

Mailing Address Last Line – City Sinking Spring			State PA	ZIP+4 19608
Phone 610-670-3284	Ext	FAX	Email Address MLGordon@sunocologistics.com	
NAICS Codes (Two- & Three-Digit Codes – List All That Apply) 23 and 493190			6-Digit Code (Optional) 237120, 486210	

Client to Site Relationship
OWNOP

FACILITY INFORMATION

Modification of Existing Facility	Yes	No
1. Will this project modify an existing facility, system, or activity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Will this project involve an addition to an existing facility, system, or activity?	<input checked="" type="checkbox"/>	<input type="checkbox"/>

If "Yes", check all relevant facility types and provide DEP facility identification numbers below.

Facility Type	DEP Fac ID#	Facility Type	DEP Fac ID#
<input type="checkbox"/> Air Emission Plant	_____	<input type="checkbox"/> Industrial Minerals Mining Operation	_____
<input type="checkbox"/> Beneficial Use (water)	_____	<input type="checkbox"/> Laboratory Location	_____
<input type="checkbox"/> Blasting Operation	_____	<input type="checkbox"/> Land Recycling Cleanup Location	_____
<input type="checkbox"/> Captive Hazardous Waste Operation	_____	<input type="checkbox"/> MineDrainageTrmt/LandRecyProjLocation	_____
<input type="checkbox"/> Coal Ash Beneficial Use Operation	_____	<input type="checkbox"/> Municipal Waste Operation	_____
<input type="checkbox"/> Coal Mining Operation	_____	<input type="checkbox"/> Oil & Gas Encroachment Location	_____
<input type="checkbox"/> Coal Pillar Location	_____	<input checked="" type="checkbox"/> Oil & Gas Location	Unknown
<input type="checkbox"/> Commercial Hazardous Waste Operation	_____	<input type="checkbox"/> Oil & Gas Water Poll Control Facility	_____
<input type="checkbox"/> Dam Location	_____	<input type="checkbox"/> Public Water Supply System	_____
<input type="checkbox"/> Deep Mine Safety Operation -Anthracite	_____	<input type="checkbox"/> Radiation Facility	_____
<input type="checkbox"/> Deep Mine Safety Operation -Bituminous	_____	<input type="checkbox"/> Residual Waste Operation	_____
<input type="checkbox"/> Deep Mine Safety Operation -Ind Minerals	_____	<input type="checkbox"/> Storage Tank Location	_____
<input type="checkbox"/> Encroachment Location (water, wetland)	_____	<input type="checkbox"/> Water Pollution Control Facility	_____
<input type="checkbox"/> Erosion & Sediment Control Facility	_____	<input type="checkbox"/> Water Resource	_____
<input type="checkbox"/> Explosive Storage Location	_____	<input type="checkbox"/> Other:	_____

Latitude/Longitude Point of Origin	Latitude			Longitude		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
Enters County at	40	9	21	75	50	35
Horizontal Accuracy Measure	Feet	NA	--or--	Meters		
Horizontal Reference Datum Code	<input type="checkbox"/> North American Datum of 1927 <input checked="" type="checkbox"/> North American Datum of 1983 <input type="checkbox"/> World Geodetic System of 1984					
Horizontal Collection Method Code	SURVY, GPSDF, GISDR,					
Reference Point Code	CTROD					
Altitude	Feet	NA	--or--	Meters		
Altitude Datum Name	<input type="checkbox"/> The National Geodetic Vertical Datum of 1929 <input type="checkbox"/> The North American Vertical Datum of 1988 (NAVD88)					
Altitude (Vertical) Location Datum Collection Method Code	NA					
Geometric Type Code	POINT					
Data Collection Date	2014 and 2015					
Source Map Scale Number	NA	Inch(es)	=	Feet		
	--or--	Centimeter(s)	=	Meters		

PROJECT INFORMATION

Project Name
Pennsylvania Pipeline Project

Project Description
Installation of two parallel pipelines within an approximately 306-mile, 50-foot-wide right-of-way (ROW) from Houston, Washington County, Pennsylvania to SPLP's Marcus Hook facility in Delaware County, Pennsylvania with the purpose of interconnecting with existing SPLP Mariner East pipelines. A 20-inch diameter pipeline would be installed within the ROW from Houston to Marcus Hook (306 miles) and a second, up to 20-inch diameter pipeline, would also be installed in the same ROW from SPLP's Delmont Station to Marcus Hook (for approximately 255 miles) (Refer to Attachment 9 of the Joint Application). Approximately 23.6 miles are located in Chester County in southeast PA.

Project Consultant Last Name Schaeffer		First Name Brad		MI	Suffix
Project Consultant Title Environmental Project Manager			Consulting Firm Tetra Tech, Inc.		
Mailing Address Line 1 285 Ellicott Street			Mailing Address Line 2		
Address Last Line – City Buffalo			State NY	ZIP+4 14203	
Phone 716-849-9419	Ext 117	FAX 716-849-9420	Email Address brad.schaeffer@tetrattech.com		
Time Schedules	Project Milestone (Optional)				
August 2015	Water Crossing and Erosion Control Permit Submittals				
August 2015	State T&E Clearances				
October 2015	USFWS Clearance				
April 2016	Construction				

1. Have you informed the surrounding community and addressed any concerns prior to submitting the application to the Department? Yes No

2. Is your project funded by state or federal grants? Yes No
 Note: If "Yes", specify what aspect of the project is related to the grant and provide the grant source, contact person and grant expiration date.
 Aspect of Project Related to Grant _____
 Grant Source: _____
 Grant Contact Person: _____
 Grant Expiration Date: _____

3. Is this application for an authorization on Appendix A of the Land Use Policy? (For referenced list, see Appendix A of the Land Use Policy attached to GIF instructions) Yes No
 Note: If "No" to Question 3, the application is not subject to the Land Use Policy.
 If "Yes" to Question 3, the application is subject to this policy and the Applicant should answer the additional questions in the Land Use Information section.

LAND USE INFORMATION

Note: Applicants are encouraged to submit copies of local land use approvals or other evidence of compliance with local comprehensive plans and zoning ordinances.

1. Is there an adopted county or multi-county comprehensive plan? Yes No

2. Is there an adopted municipal or multi-municipal comprehensive plan? Yes No

3. Is there an adopted county-wide zoning ordinance, municipal zoning ordinance or joint municipal zoning ordinance? Yes No
 Note: If the Applicant answers "No" to either Questions 1, 2 or 3, the provisions of the PA MPC are not applicable and the Applicant does not need to respond to questions 4 and 5 below.
 If the Applicant answers "Yes" to questions 1, 2 and 3, the Applicant should respond to questions 4 and 5 below.

4. Does the proposed project meet the provisions of the zoning ordinance or does the proposed project have zoning approval? If zoning approval has been received, attach documentation. Yes No

5. Have you attached Municipal and County Land Use Letters for the project? Yes No

COORDINATION INFORMATION

Note: The PA Historical and Museum Commission must be notified of proposed projects in accordance with DEP Technical Guidance Document 012-0700-001 and the accompanying Cultural Resource Notice Form.

If the activity will be a mining project (i.e., mining of coal or industrial minerals, coal refuse disposal and/or the operation of a coal or industrial minerals preparation/processing facility), respond to questions 1.0 through 2.5 below.

If the activity will not be a mining project, skip questions 1.0 through 2.5 and begin with question 3.0.

1.0	Is this a coal mining project? If "Yes", respond to 1.1-1.6. If "No", skip to Question 2.0.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.1	Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be equal to or greater than 200 tons/day?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.2	Will this coal mining project involve coal preparation/ processing activities in which the total amount of coal prepared/processed will be greater than 50,000 tons/year?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.3	Will this coal mining project involve coal preparation/ processing activities in which thermal coal dryers or pneumatic coal cleaners will be used?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.4	For this coal mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.5	Will this coal mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
1.6	Will this coal mining project involve underground coal mining to be conducted within 500 feet of an oil or gas well?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.0	Is this a non-coal (industrial minerals) mining project? If "Yes", respond to 2.1-2.6. If "No", skip to Question 3.0.	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.1	Will this non-coal (industrial minerals) mining project involve the crushing and screening of non-coal minerals other than sand and gravel?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.2	Will this non-coal (industrial minerals) mining project involve the crushing and/or screening of sand and gravel with the exception of wet sand and gravel operations (screening only) and dry sand and gravel operations with a capacity of less than 150 tons/hour of unconsolidated materials?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.3	Will this non-coal (industrial minerals) mining project involve the construction, operation and/or modification of a portable non-metallic (i.e., non-coal) minerals processing plant under the authority of the General Permit for Portable Non-metallic Mineral Processing Plants (i.e., BAQ-PGPA/GP-3)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.4	For this non-coal (industrial minerals) mining project, will sewage treatment facilities be constructed and treated waste water discharged to surface waters?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
2.5	Will this non-coal (industrial minerals) mining project involve the construction of a permanent impoundment meeting one or more of the following criteria: (1) a contributory drainage area exceeding 100 acres; (2) a depth of water measured by the upstream toe of the dam at maximum storage elevation exceeding 15 feet; (3) an impounding capacity at maximum storage elevation exceeding 50 acre-feet?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No

3.0	Will your project, activity, or authorization have anything to do with a well related to oil or gas production, have construction within 200 feet of, affect an oil or gas well, involve the waste from such a well, or string power lines above an oil or gas well? If "Yes", respond to 3.1-3.3. If "No", skip to Question 4.0.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
3.1	Does the oil- or gas-related project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water (including wetlands)?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.2	Will the oil- or gas-related project involve discharge of industrial wastewater or stormwater to a dry swale, surface water, ground water or an existing sanitary sewer system or storm water system? If "Yes", discuss in <i>Project Description</i> .	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
3.3	Will the oil- or gas-related project involve the construction and operation of industrial waste treatment facilities?	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
4.0	Will the project involve a construction activity that results in earth disturbance? If "Yes", specify the total disturbed acreage. 4.0.1 Total Disturbed Acreage 214 acres	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.0	Does the project involve any of the following? If "Yes", respond to 5.1-5.3. If "No", skip to Question 6.0.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.1	Water Obstruction and Encroachment Projects – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a watercourse, floodway or body of water?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.2	Wetland Impacts – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a wetland?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
5.3	Floodplain Projects by the commonwealth, a Political Subdivision of the commonwealth or a Public Utility – Does the project involve any of the following: placement of fill, excavation within or placement of a structure, located in, along, across or projecting into a floodplain?	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
6.0	Will the project involve discharge of stormwater or wastewater from an industrial activity to a dry swale, surface water, ground water or an existing sanitary sewer system or separate storm water system?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
7.0	Will the project involve the construction and operation of industrial waste treatment facilities?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
8.0	Will the project involve construction of sewage treatment facilities, sanitary sewers, or sewage pumping stations? If "Yes", indicate estimated proposed flow (gal/day). Also, discuss the sanitary sewer pipe sizes and the number of pumping stations/treatment facilities/name of downstream sewage facilities in the <i>Project Description</i> , where applicable. 8.0.1 Estimated Proposed Flow (gal/day)	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
9.0	Will the project involve the subdivision of land, or the generation of 800 gpd or more of sewage on an existing parcel of land or the generation of an additional 400 gpd of sewage on an already-developed parcel, or the generation of 800 gpd or more of industrial wastewater that would be discharged to an existing sanitary sewer system?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
9.0.1	Was Act 537 sewage facilities planning submitted and approved by DEP? If "Yes" attach the approval letter. Approval required prior to 105/NPDES approval.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
10.0	Is this project for the beneficial use of biosolids for land application within Pennsylvania? If "Yes" indicate how much (i.e. gallons or dry tons per year). 10.0.1 Gallons Per Year (residential septage) _____ 10.0.2 Dry Tons Per Year (biosolids) _____	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
11.0	Does the project involve construction, modification or removal of a dam? If "Yes", identify the dam. 11.0.1 Dam Name	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

12.0	Will the project interfere with the flow from, or otherwise impact, a dam? If "Yes", identify the dam.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
12.0.1	Dam Name				
13.0	Will the project involve operations (excluding during the construction period) that produce air emissions (i.e., NOX, VOC, etc.)? If "Yes", identify each type of emission followed by the amount of that emission.	<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No
13.0.1	Enter all types & amounts of emissions; separate each set with semicolons.	To Be Determined			
14.0	Does the project include the construction or modification of a drinking water supply to serve 15 or more connections or 25 or more people, at least 60 days out of the year? If "Yes", check all proposed sub-facilities.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
14.0.1	Number of Persons Served	_____			
14.0.2	Number of Employee/Guests	_____			
14.0.3	Number of Connections	_____			
14.0.4	Sub-Fac: Distribution System	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.5	Sub-Fac: Water Treatment Plant	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.6	Sub-Fac: Source	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.7	Sub-Fac: Pump Station	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.8	Sub Fac: Transmission Main	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
14.0.9	Sub-Fac: Storage Facility	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
15.0	Will your project include infiltration of storm water or waste water to ground water within one-half mile of a public water supply well, spring or infiltration gallery?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
16.0	Is your project to be served by an existing public water supply? If "Yes", indicate name of supplier and attach letter from supplier stating that it will serve the project.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
16.0.1	Supplier's Name	_____			
16.0.2	Letter of Approval from Supplier is Attached	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
17.0	Will this project involve a new or increased drinking water withdrawal from a stream or other water body? If "Yes", should reference both Water Supply and Watershed Management.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
17.0.1	Stream Name	_____			
18.0	Will the construction or operation of this project involve treatment, storage, reuse, or disposal of waste? If "Yes", indicate what type (i.e., hazardous, municipal (including infectious & chemotherapeutic), residual) and the amount to be treated, stored, re-used or disposed.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
18.0.1	Type & Amount	Non-hazardous/Construction related C&D waste will be disposed; Amount Unknown.			
19.0	Will your project involve the removal of coal, minerals, etc. as part of any earth disturbance activities?	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
20.0	Does your project involve installation of a field constructed underground storage tank? If "Yes", list each Substance & its Capacity. Note: Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
20.0.1	Enter all substances & capacity of each; separate each set with semicolons.	_____			
21.0	Does your project involve installation of an aboveground storage tank greater than 21,000 gallons capacity at an existing facility? If "Yes", list each Substance & its Capacity. Note: Applicant may need a Storage Tank Site Specific Installation Permit.	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
21.0.1	Enter all substances & capacity of each; separate each set with semicolons.	_____			

- 22.0** Does your project involve installation of a tank greater than 1,100 gallons which will contain a highly hazardous substance as defined in DEP's Regulated Substances List, 2570-BK-DEP2724? If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. Yes No
- 22.0.1** Enter all substances & capacity of each; separate each set with semicolons.
-
- 23.0** Does your project involve installation of a storage tank at a new facility with a total AST capacity greater than 21,000 gallons? If "Yes", list each Substance & its Capacity. **Note:** Applicant may need a Storage Tank Site Specific Installation Permit. Yes No
- 23.0.1** Enter all substances & capacity of each; separate each set with semicolons.
-
- 24.0** Will the intended activity involve the use of a radiation source? Yes No

CERTIFICATION

I certify that I have the authority to submit this application on behalf of the applicant named herein and that the information provided in this application is true and correct to the best of my knowledge and information.

Type or Print Name _____

Signature _____ Title _____ Date _____

Pennsylvania Pipeline Project

Chester County: General Information Form Supplemental Information

Municipality	City	Borough	Township	Municipal Comprehensive Plan	Municipal Zoning Ordinance
West Nantmeal			X	Y	Y
East Nantmeal			X	Y	Y
Wallace			X	Y	Y
Upper Uwchlan			X	Y	Y
Uwchlan			X	Y	Y
West Whiteland			X	Y	Y
East Whiteland			X	X	Y
West Goshen			X	Y	Y
Elverson		X		Y	Y
East Goshen			X	Y	Y
Westtown			X	Y	Y

